

Existing Zonal Leads



VES INSTITUTE OF TECHNOLOGY, MUMBAI

LEAD PERSON : DR. MRS M.VIJAYALAKSHMI, PROFESSOR, VICE PRINCIPAL
FACULTY SELECTED FOR THE RESEARCH GROUP
DR. MRS. J.M. NAIR, PRINCIPAL
DR. MRS. SHALU CHOPRA, ASSOCIATE PROFESSOR , HOD
MRS VIDYA PUJARI, ASSISTANT PROFESSOR
MRS LIFNA , ASSISTANT PROFESSOR
MRS SANGEETA OSWAL , ASSISTANT PROFESSOR

VESIT LeadingIndia.ai Activities for the Academic Year 2019-20

As a new initiative in Academics and Research, VESIT has become one of the Zonal Lead Partners with LeadingIndia.ai, Nationwide Initiative. The mission of this initiative is to promote Deep Learning and AI skills mainstream in India, to fulfill the trilateral needs of entrepreneurship, Industry-academia partnership, and application-inspired Engineering Research. VESIT LeadingIndia AI Team is lead by Dr. (Mrs.) Vijayalakshmi Murli (Vice Principal, VESIT) along with Dr. (Mrs.) J. M Nair (Principal, VESIT), Dr. (Mrs.) Shalu Chopra (Head of IT Department), Mrs. Sangeeta Oswal (Assistant Professor, MCA Department), Mrs. Vidya Pujari (Assistant Professor, IT Department) and Mrs. Lifna C S (Assistant Professor, Computer Engineering Department). Under this association, various activities are being scheduled to Promote AI and Deep Learning Skills among Students and Faculties and to get them ready for the future.

During the Academic Year 2019-20 the following activities were conducted : vesAIthon'19 (24-Hours Nationwide Hackathon on Artificial Intelligence) @ VESIT Campus on 28th and 29th June 2019. Capgemini celebrated AI Day 2019 @ VESIT Campus which was scheduled for 3 days starting with the **Photo Quest - #LoveYourCareer Challenge** which commenced on **8th Aug 2019** and ended on **9th Aug 2019**. Followed by the **official Inauguration of AI Day on 10th Aug 2019** with an Expert Talk on **"AI and Innovation"** and Workshop on **"AI & ML with Google Colab"** from 10:00 am to 5:00pm .and one week workshop on "Advanced Deep Learning" was organized by **LeadingIndia.AI Team** at **Fr. Conceicao Rodrigues College of Engineering, Mumbai** from **December 02 to 06, 2019**. The workshop was taken by **Dr. Sridhar Swaminathan, Dr. Vipul Sharma and Experts from LeadingIndai.AI**. The details of the activities are as follows:

About vesAIthon'19

As a part of the association with LeadingIndia.AI, VESIT_AI Team organized **vesAIthon'19 (24-Hours Nationwide Hackathon on Artificial Intelligence)**, at Vivekanand Education Society's Institute of Technology, Chembur, Mumbai on **28th and 29th June 2019**. The theme of the Hackathon was to build **AI-based solutions for Societal Benefits** to make an impact on the community by building a workable AI solution for **most pressing Social Challenges faced by Senior Citizens, Differently abled and Kids**. This event brought together India's best coders, developers, designers, innovators, creators and entrepreneurs of tomorrow. Our Platinum Sponsors included **LeadingIndia.AI and Capgemini**. Gold Sponsors included **Network Marvels** and Silver Partner was **Adapty**. Our Collaborators were **AICTE, NVIDIA, Bennett University, Brunel University London**. The final judging was done by the **End users and Experts from Industry and Academia**.



VESIT LeadingIndia.ai Activities for the Academic Year 2019-20



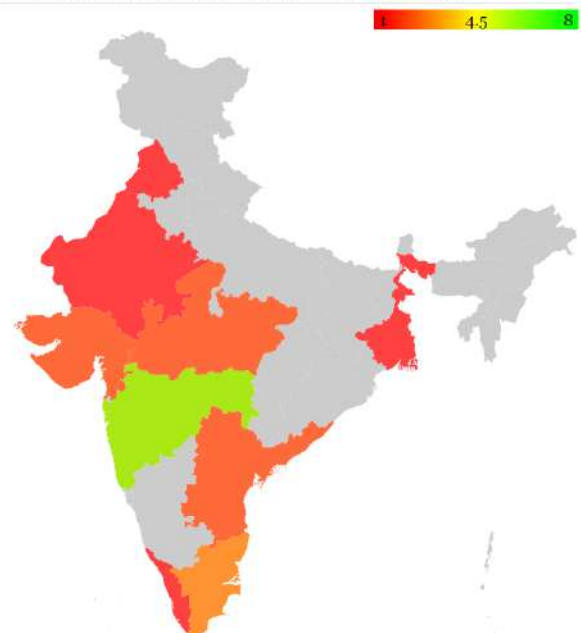
Chief Guest with Dignitaries inaugurating vesAIthon'19

Inauguration was held @9:00am in VESIT Auditorium where Guests and Participants were warmly welcomed by our beloved **Principal, Dr. J. M. Nair**. The Keynote Speech was given by the **Chief Guest from Capgemini, Mr. Mangirish Herwadkar**. **Dr. Prakash Lulla** advised the participants about a healthy lifestyle. Tulsi Samplings were presented to our Chief Guest Mr.Mangirish Herwadkar from Capgemini and Mr. Samir Patankar, from Network Marvels by our Principal. The 30 Finalists from all over India came to Mumbai and for a period of 24-hours, Hackathon participants worked on Innovative Cross - Platform solutions while competing for prizes worth **Rs.1,00,000** in totality. End User testers and AI Experts were called to judge the competition for an unbiased evaluation.

Participants from the following states, showed their interest to participate in the competition - Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Goa, Gujarat, Haryana, Himachal Pradesh, Jammu and Kashmir, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra and Manipur. Thus, our **Nationwide Hackathon saw an amazing registration number of around 210 entries.**

AI Experts were invited from Industry and Academia for Judging the onsite participants for the first phase review of Round 2. Our panelist consists of Experts from the following industries : **Dr. Madhushi**

VESAITHON PARTICIPATING TEAMS



VESIT LeadingIndia.ai Activities for the Academic Year 2019-20

Verma (Bennett University), **Ms. Kamakshi Ananthraman** (Quantiphi), **Dr. Gaurav Singhal** (Bennett University), **Mr. Ravindra Muddinagari** (Network Marvels), **Mr. Nagananda A.** (TPO VESIT), **Mr. Vinaykumar Lad** (Capgemini), **Mr. Neel Gala** (Nielsen), **Ms. Khushboo Peswani** (UBS – Alumni Judge), **Mr. Rajiv Yadav** (JPMC-- Alumni Judge), **Mr. Mayank Kothari** (Atto Infotech – Alumni Judge), **Mr. Prasad Ramanathan**, (Capgemini), **Mr. Sagar Palao** (Morgan Stanley – Alumni Judge), **Mr. Tejas Watamwar** (Techzilla India Infotech – Alumni Judge), **Ms. Snehal Bhagat** (Alumni Judge), **Mr. Himanshu Rawlani** (Morgan Stanley – Alumni Judge), **Mr. Vinaykumar Lad** (Capgemini), **Mr. Rahul Shetty** (Morgan Stanley – Alumni Judge), **Mr. Rohan Jagiasi** (Tibcco – Alumni Judge).



Participants during vesAlthon'19

End User Testing the prototype during Round - 2

For phase 2 of Round 2, End Users were invited to test the Usability and Friendliness of the prototype. The judges were as follows : **Dr. Sunil Patekar** (Principal, Vidyalankar Institute of Technology), **Master. Manish Gaikwad** and **Master. Yash** (Rochiram T Thadhani High School For Hearing Handicapped), **Master. Soham Idetkar (10th STD)**, **Master. Lalit Raheja (9th STD)** (Swami Vivekanand High School), **Mr. Ramani Iyer** (Ex. Chief G.M.,DOT), **Mr. Prasad Narayan Susarla** (Proprietor, deVelUp).

VESIT LeadingIndia.ai Activities for the Academic Year 2019-20



vesAIthon'19 Participants with the Organizing Committee

Top 8 teams presented their project on stage. After the presentations, participants came forward and shared their views about this event. They were happy and satisfied from the whole event and spoke some very wise words that Mr. Boolani gave him of book for his genuine speech and wise words. It indeed proved that vesAIthon'19 was a huge success. And then without further delay, the Winners were announced and Prizes were distributed by our beloved Trustee, Mr. Boolani, Chief Guest, Judges and Faculties. vesAIthon was officially concluded up by a **Vote of Thanks given by our loving Vice Principal, Dr. M Vijayalakshmi.**



Judges during the Grand Finale of vesAIthon'19

VESIT LeadingIndia.ai Activities for the Academic Year 2019-20



vesAlthon'19 Managing Committee

vesAlthon'19 Winners

- Prize Money** : ₹50,000/-
- Category** : Differently Abled
- College** : VNR VJIET, Telangana
- Members** : **Mane Satya Mohanth, Adusumilli Shiva Madhav
U Srimanth Reddy, Karakavalasa Mounika**



vesAlthon'19 Winners with Capgemini, Leading India and VESIT Officials

VESIT LeadingIndia.ai Activities for the Academic Year 2019-20

Prize Money : ₹30,000/-
Category : Elderly Caregiver
College : IIT Kharagpur
Members : **Aadi Swadipto Mondal, Kanishka Halder
Parth Sarathi Roy, Anirudh Chattopadhyay**



vesAITHON'19 First Runner Up with Network Marvels, Leading India and VESIT Officials

Prize Money : ₹15,000/-
Category : Differently Abled
College : CMR College Of Engineering & Technology, Telangana
Members : **Saikiran Gogineni, Sandeep Vuppala
Ashwin Vaswani, Porika Dhanraj Nath**



vesAITHON'19 First Runner Up with Mr. Vijay Talreja, Leading India and VESIT Officials

VESIT LeadingIndia.ai Activities for the Academic Year 2019-20

Prize Money : ₹10,000/-
Special Prize User Experience : Stellar
Category : Kids - Talk to my friend bot (chatbot)
College : Vignan's Institute of Information Technology,
Andhra Pradesh
Members : Shazia Muskan , Guntuka Shahira



vesAithon'19 Special Prize - User Experience winners with Mr. Boolani & Dr. (Mrs) J M Nair

Prize Money : ₹10,000/-
Special Prize Innovation : we are on fire
Category : Elderly, Medical compliance
College : CMR college of engineering and technolo
Telangana
Members : Sravan Kumar Surendren, Lokesh Agarwal
Macha Nitesh Goud, Karthikeya Rekulapalli

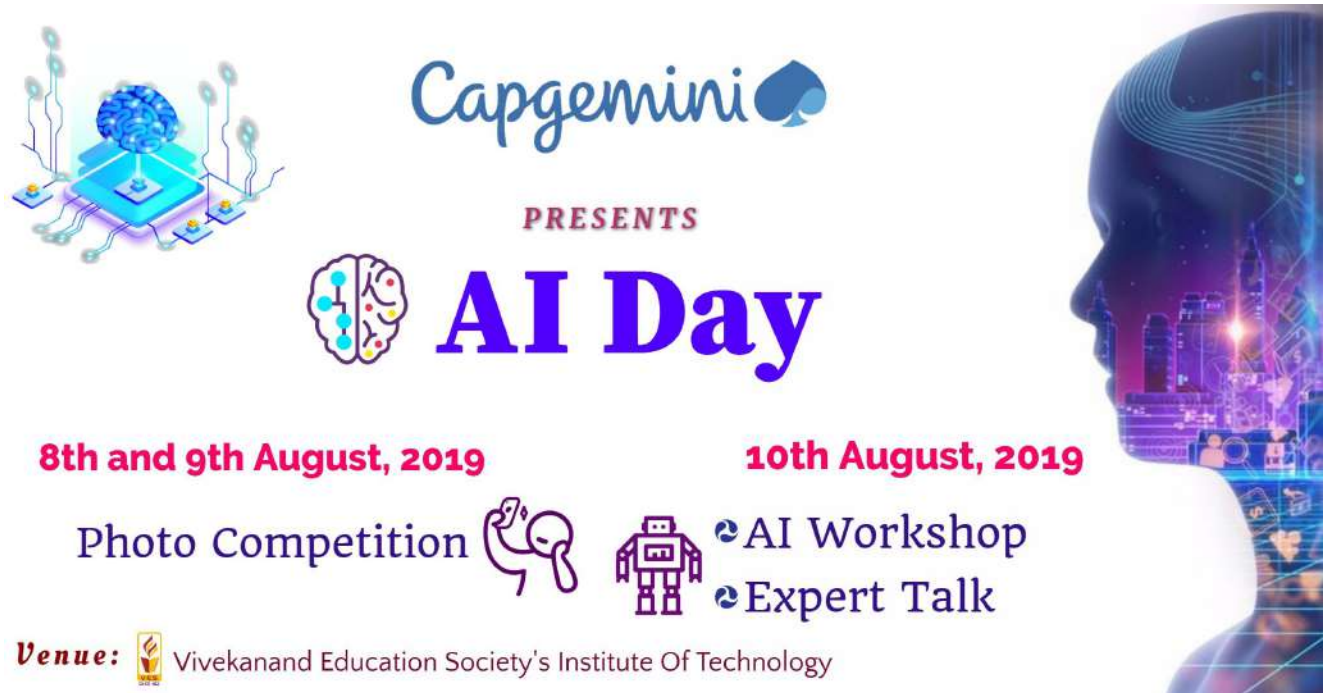



vesAithon'19 Special Prize Innovation winners with Mr. Boolani & Dr. (Mrs) J M Nair

VESIT LeadingIndia.ai Activities for the Academic Year 2019-20

About AI Day '19

Capgemini presented **AI Day 2019** at Vivekanand Education Society's Institute of Technology, Chembur, Mumbai. The event brought together researchers from Capgemini, who are involved in the fast-developing field of AI and students at VESIT. The event promoted matchmaking, information sharing and cross-border collaboration.



The poster features the Capgemini logo at the top center, with the word 'Capgemini' in blue and a blue water drop icon. Below it, the word 'PRESENTS' is written in red. The main title 'AI Day' is in large, bold, blue letters. To the left of the title is a stylized brain icon with colorful nodes. To the right is a silhouette of a human head in profile, filled with a digital cityscape and network lines. Below the title, the dates '8th and 9th August, 2019' and '10th August, 2019' are listed in red. Under the first date, 'Photo Competition' is written in blue, accompanied by a hand-drawn brain icon. Under the second date, 'AI Workshop' and 'Expert Talk' are listed in blue, accompanied by a robot icon. At the bottom left, the venue is listed as 'Venue:  Vivekanand Education Society's Institute Of Technology'.

As a part of AI Day 2019, **Capgemini** has organized a **Photo Quest - #LoveYourCareer Challenge @ VESIT on 8th and 9th August 2019**. This event was conducted @ **VESIT Amphitheatre** on the 2nd floor. The company has shared the terms and conditions for participating in the Contest with students well in advance.



Faculties @ VESIT enjoying the AI Day'19 - Photo Quest

VESIT LeadingIndia.ai Activities for the Academic Year 2019-20



Students @ VESIT enjoying the AI Day'19 - Photo Quest

On the 10th August, **Mr. Subhajit Sarkar, Senior Manager @Capgemini** announced the winners of the **Photo Quest - #LoveYourCareer Challenge** at VESIT.



Ms. Jaspreet Kaur - MCA Student



Mr. Naren Khatwani - CMPN Student



Ms. Pooja Gupta - MCA Student

VESIT LeadingIndia.ai Activities for the Academic Year 2019-20

AI Day 2019 was officially inaugurated on **10th August 2019 @ 11:00 am** in the VESIT Auditorium by lighting the lamp and seeking the blessing from Goddess Saraswati. The guests from **Capgemini, Mr. Subhajit Sarkar and Mrs. Rashmi Bapat** were warmly welcomed by our beloved Principal, **Dr. (Mrs) J. M.Nair** by presenting tulsi saplings. Students from all engineering branches were present for the Inaugural function followed by **Expert Talk @ VESIT Auditorium and Library.**



Mr. Subhajit Sarkar (Capgemini) with Mr. Vijay Talreja (Co-founder of Adapty & Managing Trustee of VESIT) and dignitaries inaugurating AI Day 2019



Mr. Subhajit Sarkar, Senior Manager @Capgemini and Audience @ VESIT Auditorium

VESIT LeadingIndia.ai Activities for the Academic Year 2019-20



Dr. (Mrs) J. M.Nair by presenting tulsi sapling to **Mr. Subhajt Sarkar (Capgemini)** and
Dr. (Mrs) M. Vijayalakshmi felicitating the speaker with a memento



Audience @ VESIT Library



Student asking queries to Mr. Sarkar during the Session

AI & ML Workshop on Google Colab

On AI Day 2019 (10th August 2019) Capgemini has also arranged “AI & ML Workshop on Google Colab” for 60 students from VESIT. The hands-on session on AI & ML was conducted by **Mrs. Sanghamitra Mitra, (Program Manager, Capgemini)** in Room - B42 on the 4th Floor. Students were shortlisted based on an Online Quiz. The workshop officially started @ 10:00 am by welcoming **Mrs. Sanghamitra Mitra** with a Tulsi Sampling by **Dr. (Mrs) Shalu Chopra**, Head of IT Department. Students were very enthusiastic to learn and also responded well to her questions. The workshop session ended @ 5pm by felicitating **Mrs. Sanghamitra Mitra** by handing over a memento.

VESIT LeadingIndia.ai Activities for the Academic Year 2019-20



Mrs. Sanghamitra Mitra (Program Manager, Capgemini) and Students @“AI & ML Workshop on Google Colab”

About "Advanced Deep Learning Workshop"

A 5 day workshop on "Advanced Deep Learning" was organized by LeadingIndia.AI Team at **Fr. Conceicao Rodrigues College of Engineering, Mumbai** from **December 02 to 06, 2019**. The Workshop was taken by **Dr. Sridhar Swaminathan, Dr. Vipul Sharma** and Experts from **LeadingIndai.AI**. The workshop was attended by four faculties : **Prof. Asha Bharambhe, Prof. Sangeeta Oswal, Prof. Vidya Pujari and Prof. Priya R L** from VESIT. This advanced workshop was for those who already have some knowledge on Deep Learning, Neural Networks, CNN and RNN. This workshop comprised interesting content covering current state-of-the-art in Deep Learning approaches including GANs, YOLO-v3, UNet, Bert, EIMo, Model Compression, pruning & Deep Reinforcement Learning with highly interactive hands-on labs.



**Participants with the Speaker during the Inaugural Function
at the “Advanced Deep Learning Workshop”**

VESIT Leading India.ai Activities for the Academic Year 2019-20



**Participants with the Speaker during the Valedictory Function
at the “Advanced Deep Learning Workshop”**

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Reports of the Activities Enlisted :

1. [vesAithon'19](#)
2. [VESIT - AI Day 2019](#)