

SELECTED PROJECTS for SMART INDIA HACKATHON 2018

i4cID	Team Name	Ministry	Idea Title	Team Lead Name	
17618	The Sudos	AICTE	Optical Character Recogniser	#8448 Simran Bhojwani	New Delhi
20973	VESIT_31	Ministry of HRD	Crowd Sourcing model for preparing large question banks.	#1837 Hemangi Mungad	Noida
15604	Team Kaizen	Ministry of Health & Family Welfare	Knowshare	#8448 Kapil Kumar Trivedi	Kolkata
16462	VESIT_1	Government of Pondicherry	Prognosis of Dilated CardioMyopathy through feature extration.	#1837 Heena Dawani	Kolkata
979	Agronomists	Council of Scientific and Industrial Research (CSIR)	Encouraging growth of aromatic and medicinal plants with the assistance of Scientists	#1837 SANKET PARATKAR	Pune
17675	MSD - SPARKS	Ministry of Skill Development & Entrepreneurship	Entrepreneurial Network	#1837 BHAVIKA SHAHANI	Bhubanes hwar

RESULTS : SMART INDIA HACKATHON 2018

Won **First Prize** at PUNE

(Minutes-Pg-4)

Council of Scientific and Industrial Research (CSIR)



Smartphone app aims to bridge the knowledge GAP between the farmers, entrepreneurs, industries and scientific fraternity in the areas of agriculture, processing and market availability for fueling the growth of medicinal and aroma industry and rural employment.

Technology Used : Android Framework and Firebase, Google API

RESULTS : SMART INDIA HACKATHON 2018

Won **Second Prize** at Bhubaneshwar

(Minutes-Pg-4)

Skill Entrepreneurial Network Development & Entrepreneurship



Development of a robust platform to boost up the startup ecosystem in India and providing a common platform for all the stockholders of a startup.

Technology Used: Laravel (PHP framework), MYSQL, REST APIs, Android.

RESULTS : SMART INDIA HACKATHON 2018

(Minutes-Pg-4)

Won **Inspiration award –most persistent system award** at New Delhi
AICTE



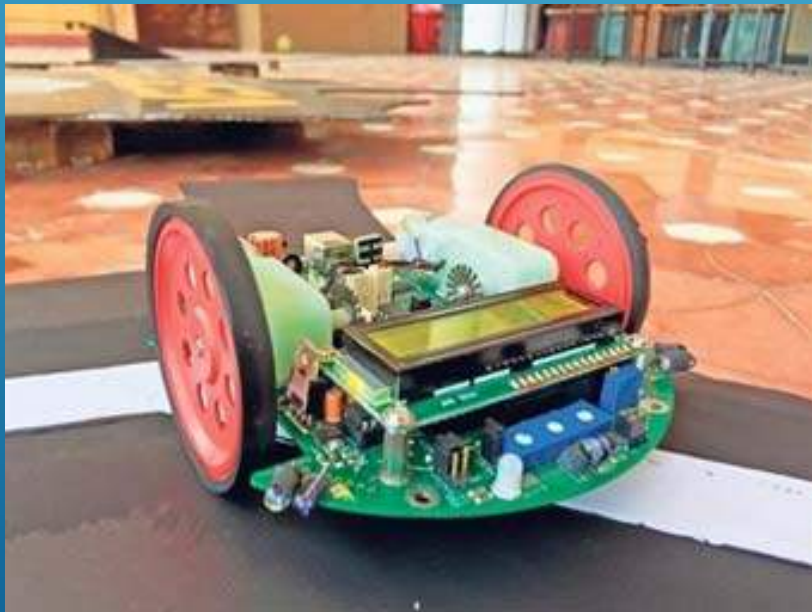
Tool for fetching and editing information from scanned document mainly an image type document.

Tools and techniques: The editor was developed using open source technologies like python, openCV deployed on flask web server with backend firebase. The Android version is in its initial stages.

PRAXIS 2017 (A TECHFEST)

A Techfest “Praxis 2017” organized by VESIT Renaissance Cell (VRC) on September 22 and 23.

This year has seen the unveiling of innovative gadgets and gizmos, conceived and designed by students, applying theory into practicals. **Ankit Panvalkar and his team designed a self-steering car which is guided by a GPS tracking system.** The vehicle has also been equipped with an IR system for obstacle detection and works on a virtual interface



E-Yantra Ideas Competition (eYIC-2018)

Project Title : **Eclassroom**

Won Award under **Most Realistic** Category at IIT Bombay in e-Yantra National Finals 2018 held during 22nd – 24th March 2018



**Nikhil Watwani , Shivani Valecha ,
Vijay Kataria , Priyanka Wadhvani ;
Mentored by : Sharmila Sengupta**

- Out of 16 regional finalists from 350 teams across all over India, VESIT **“Pravas Sarthi” – A Convenience , kiosk based system for people to communicate in their own local language at the airport** was designed as a part of E-Yantra Ideas competition (eYIC-2017) at the Indian Institute of Technology, Mumbai (IIT-B) held on 7th and 8th April 2017. **The team under the mentorship of Dr. Gresha Bhatia received an award for “Close to Market Category”.**

RoboFeast during Cognizance Fest(annual technical fest of IIT Roorkee).

Selection procedure:

Teams first had competed in zonal level competition and the top team was selected for the National level competition.

Twitter Response &
Analysis based on
Temperature &
Humidity

**RoboFest Winner
Team Members:
Deepesh Sidhwani
Abhishek Chhabra**

**Date of Competition:
23rd March to 25th March**

**Place :
IIT Roorkee,Roorkee**



Industry Project Competition “Deep Blue” organized by Mastek Ltd.

- Won **2nd** prize

Deep Learning based image verification system for eyecare images

- Received “**Super Team**” award

Golden Hour Response

A mobile application to increase the efficiency of rescue operation which can be used to report accidents and for coordinating between emergency services



CII Student Essay Competition "The India We Want" 4th Edition

Rohan Mohandas, EXTC student won **Second Prize** in **Undergraduate & Postgraduate** Category at CII Student Essay Competition "The India We Want" 4th Edition



EducationWorld India Private Engineering Institutes Rankings 2017-18 Survey

SURVEY WAS CONDUCTED BY THE DELHI-BASED CENTRE FOR FORECASTING AND RESEARCH PVT. LTD (C FORE), ONE OF THE COUNTRY'S PREMIER MARKET RESEARCH AND PUBLIC OPINION POLLING COMPANIES.

V.E.S. Institute of Technology (VESIT) has earned the **FIRST RANK** in Maharashtra State and among the Top 100 Engineering Colleges in India, VESIT has secured the **26th Rank.**



On Behalf of VESIT, Mr. A. Nagananda, a Training and Placement officer received the award on 10th June 2017.

- ▶ To compile the national and state rankings, C fore field researchers interviewed faculty and final year students of engineering institutes countrywide and industry representatives, asking them to rate engineering institutes on following nine parameters

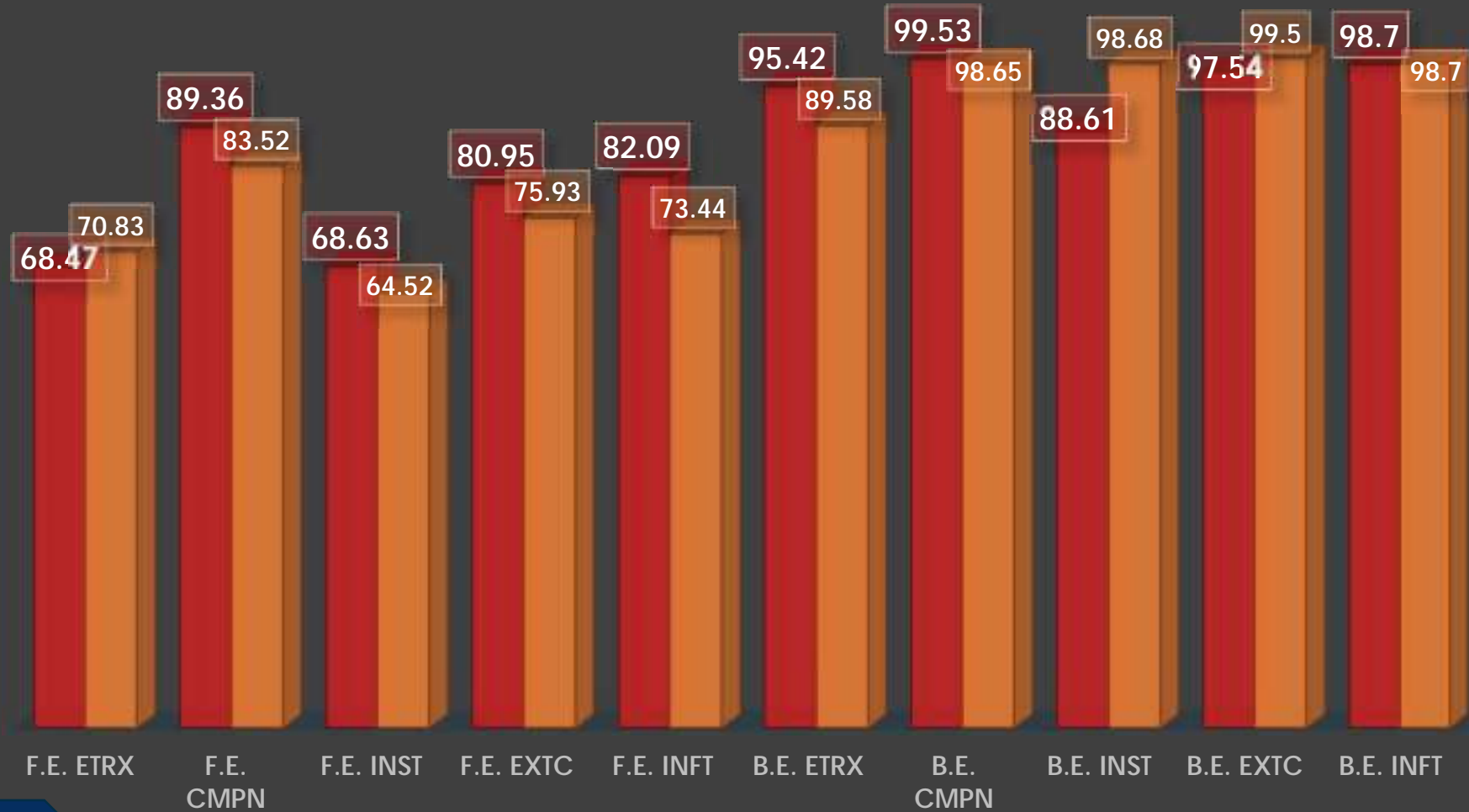
- ▶ 1. Leadership / Governance Quality.
- ▶ 2. Faculty Welfare and Development.
- ▶ 3. Competency of Faculty.
- ▶ 4. Curriculum and pedagogy.
- ▶ 5. Industry Interface.
- ▶ 6. Research and Innovation.
- ▶ 7. Infrastructure and Facilities.
- ▶ 8. Placements.
- ▶ 9. Value for Money.



RESULTS STATISTICS

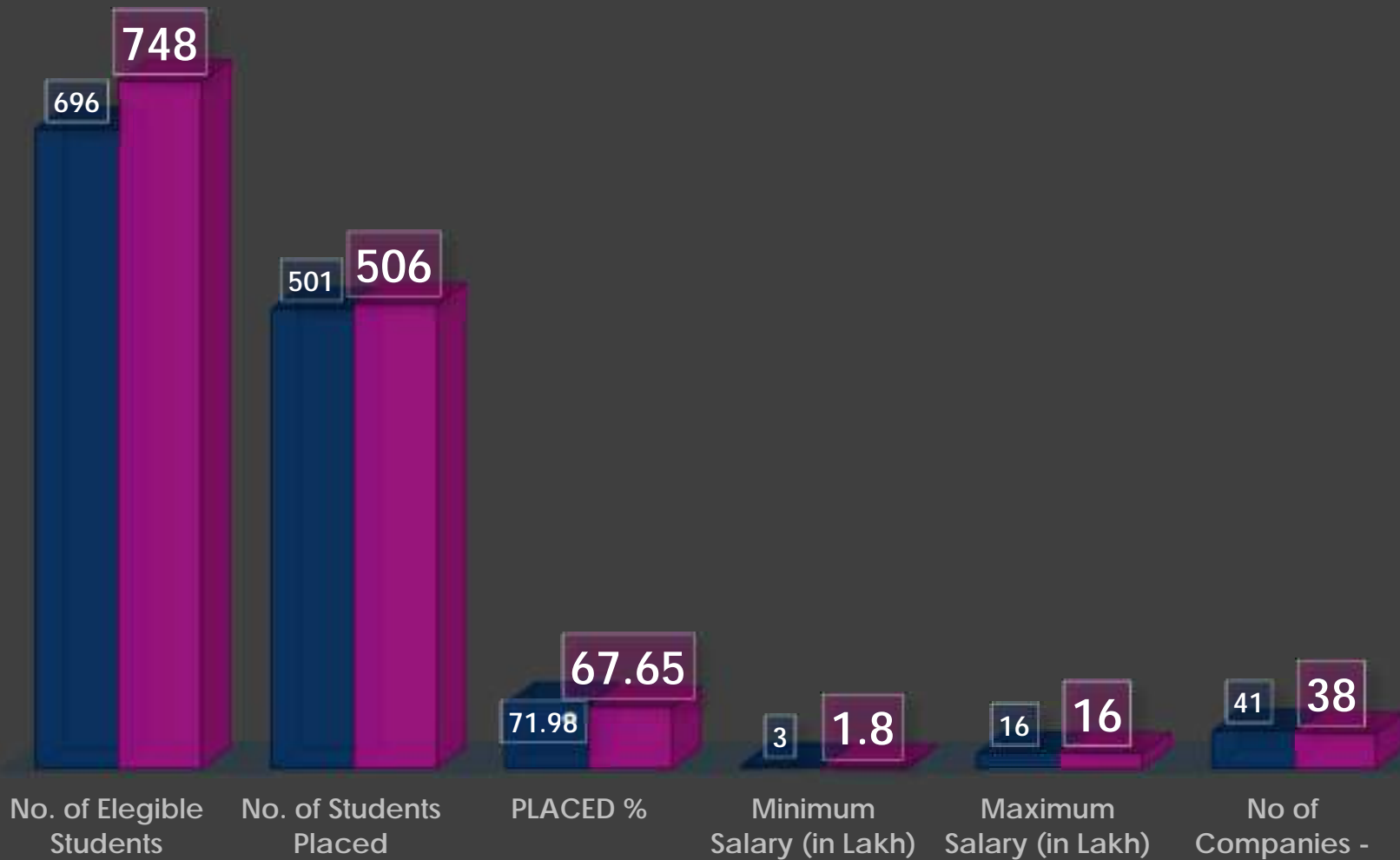
RESULTS STATISTICS

■ PASS % 2016-17 (MAY) ■ PASS % 2015-16 (MAY)



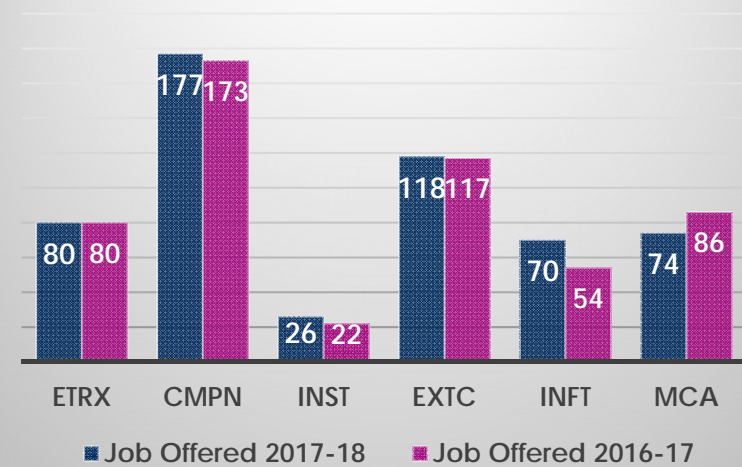
OVERALL PLACEMENTS (TILL MARCH)

■ 2016-17 ■ 2017-18

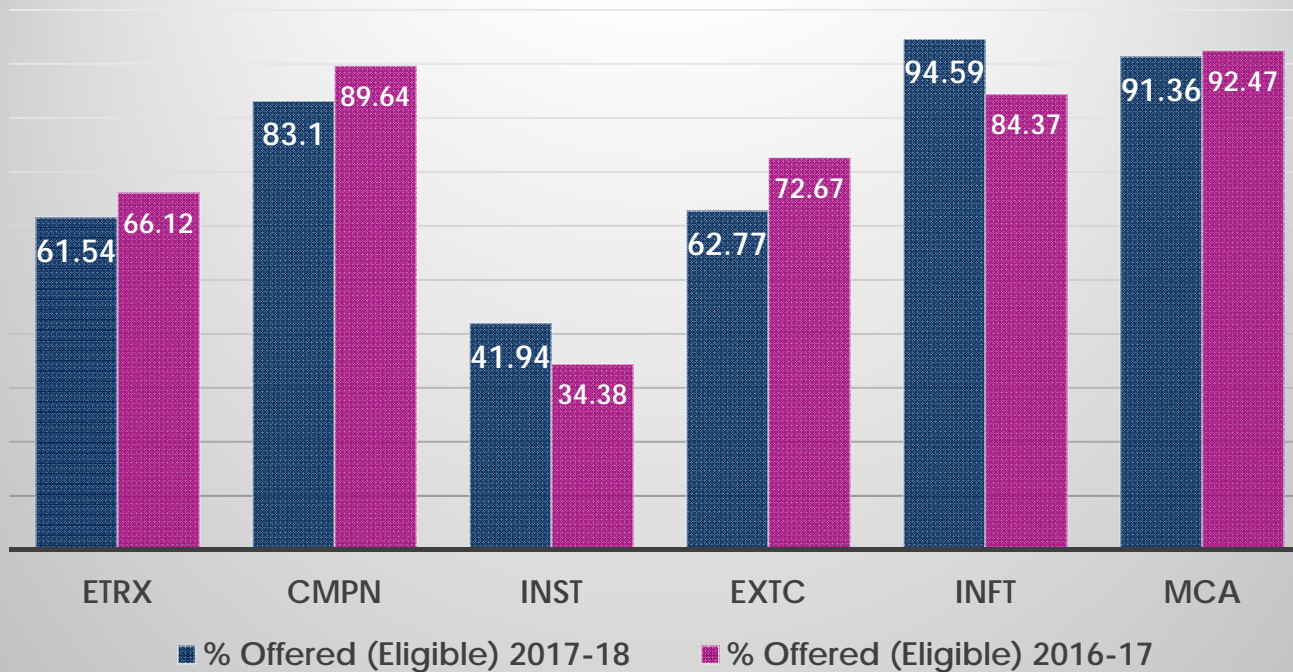


PLACEMENT : JOB OFFERED

NOS. OF JOB OFFERED

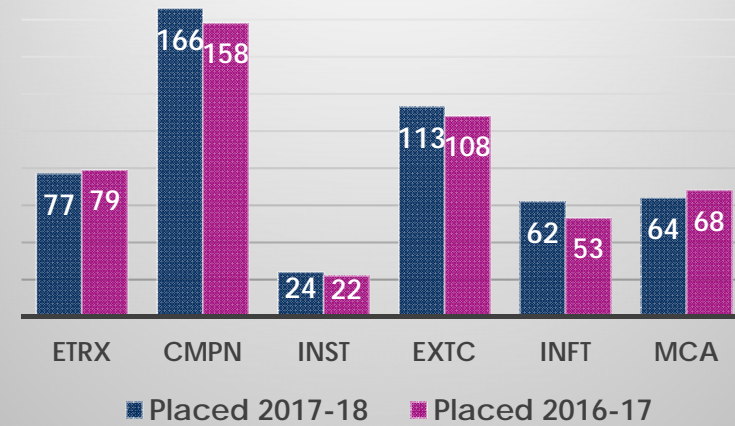


JOB OFFERED %

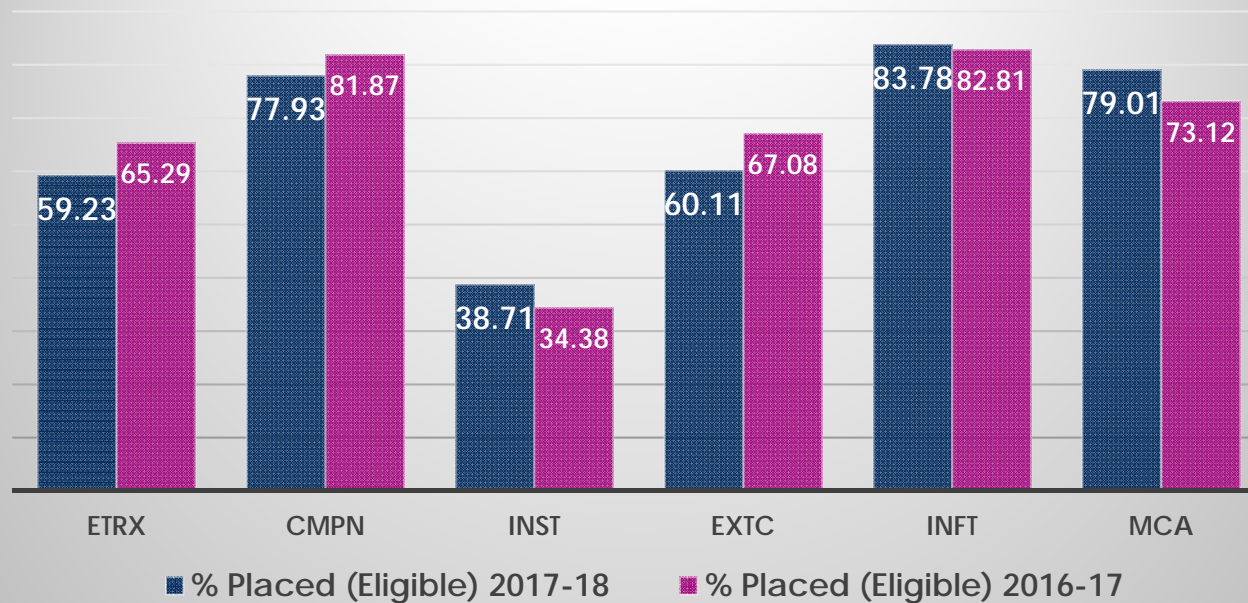


PLACEMENT

NOS. OF STUDENTS PLACED



PLACED %



OTHER ACHIEVEMENTS

- **PhD Scholar Mrs. Shilpa Joshi** received third prize for her paper 'Novel Hybrid Filtering Techniques for Removal of Speckle Noise from Medical Images' at the Inter University Research Convention **AVISHKAR 2016-17** in category Level 5.
- Shivesh Hiranandani, Ramanathan Choodamani, Mrs. Ashwini Sawant (mentor), Ketan Vaidya, Shubham Koyande received Award and **second prize** at **AVISHKAR 2016-17** - A Research Convention for their project '**Road Divider Based Power Generation and Street Light Illumination**'.
- Shivkumar Krishnamurthy and Nitin Shenoy of Electronics department secured **3rd prize** among **367** application in "**Consortium'18**", a startup Conclave conducted by **E-Cell of Visvesvaraya National Institute of Technology**, Nagpur where teams from IIT-Bombay, IIT-Kharagpur, TISS, VNIT were also participated

OTHER ACHIEVEMENTS

Inter-college Elocution Competition

Rakshit Ganvir (D9) and Poorvi Parmar (D14) won the **First prize** and the **Third prize** respectively IN Inter-college Elocution Competition was organized by **MLDC ALUMNI ASSOCIATION** on 27th January, 2018 at M.L. Dahanukar College of Commerce, Mumbai.

Rakshit Ganvir spoke on the topic '**Brain Drain from India-causes and effects**' and Poorvi spoke on the topic '**Should students take foreign language courses to make a better career**'. Both of them were awarded with a **Trophy, Cash Prize and certificate**.

SAMVAAD'18, the inter-college Debate Competition

Rakshit Ganvir (D9A) and Harish Muthalagan (D9A) representing VESIT, won the **Second position** SAMVAAD'18, the inter-college Debate Competition held at Fr. C. Rodrigues Institute of Technology on 3rd March, 2018. Rakshit Ganvir was also declared as the 'Most Dynamic Speaker' of the event. Both of them were awarded a certificate and cash prize.

IoT-based Power Security and Prepaid Electricity System

Student project paper highlighted in News Paper (Hindusthan Times 18/12/2017)

Paper by: Sakshi Patil & Aaksha Jaywant, EXTC Third Year

This paper presents the advanced IoT based concept wherein electricity bills are switched to prepaid facility.



ALUMNI MEET 2017-18 (16th December 2017)

Lighting of the lamp by the team members comprising of Shri. Dinesh Tahiliani (Secretary, VES), Principal and Vice Principal, Vijay Talreja (President, VESIT Alumni Association) , Mr. Manoj Sabnis - Alumni Incharge , VESIT.

This Year Mr. Deven Shah (ME IT-2005) received the Distinguished Alumni award. He has **4 patents** to his credit and also authored and co-authored number of books. Currently he is working as Professor & Mentor Dean (H&S) at Thakur College of Engineering also elected as Chairman, Board of Studies (Information Technology), University Of Mumbai .

Number of registrations this year crossed 300. Everyone appreciated the catering provided by Nikita Pujari (VESIT-2017 Batch) of Shiv Sagar Food Chain.



Degree Distribution Ceremony 2017-18



Degree distribution ceremony for Computer, MCA and Instrumentation was conducted on 10th March, 2018.

Dr. Sasikumar M, Director, CDAC, Mumbai,

Mr. Pankaj Doke, Senior Scientist, TCS Innovation Lab and

Shri. Alhad Apte, Former Chairman National Technical Research

Organisation (NTRO) & Ex-Officio- Secretary to the Government of India respectively delivered convocation addresses in the events which were held separately for each department

The degree distribution ceremony for Electronics and Telecommunication, Electronics, and Information Technology conducted on 17th March, 2018.

The guest of honor for these departments were

Mr. Gaurav Taparia, Director, Backbone Engineering, Mumbai,

Dr. G. K. Dey, Ex. Dean (Engineering), Homi Bhabha National Institute, BARC, Mumbai and

Dr. Aniruddha Joshi, Director, Reliable Process Design Solutions, Pune.



WHIPLASH: The VESIT Intra-Collegiate Debate Competition

The VESLit Circle of VESIT in association with The Times of India conducted an Intra-Collegiate Debate competition on the 12 September 2017.

Five teams battled it out, to be crowned as the best debaters in the college and also clinch the coveted top spot of the Best Speaker.

The judges for the competition were from **The Times of India**; **Mr. Manoj Dwivedi, Associate General Manager** and **Mr. Rakesh Pandey, Senior Manager**.



VESIT Intra-Collegiate Debate Competition conducted by VESLit Circle

Short Film Making Competition to fight against corruption

“ My Vision – Corruption Free India” The Vigilance Awareness Week Program was conducted in collaboration with Union Bank Of India.

VESIT students showcased a series of 7 films which exhibited their visions of an ideal and corruption free society. (Afternoon_DC_20-10-2017)

Showcase of issues with a creative twist!

Students of Vivekanand Education Society's Institute of Technology (VESIT) flex creative muscle by highlighting corruption issues through a showcase of short films

By Parth Khaitan

Students from Vivekanand Education Society's Institute of Technology (VESIT) showcased a series of 7 short films as part of their commitment to spearhead an awareness drive against corruption. The students acted in, conceived the plots and directed the films which exhibited their visions of an ideal and corruption-free society. The films were part of a broader exercise to comply with the Central Vigilance Commission's Vigilance Awareness Week, themed around 'My Vision'-Corruption Free India'. The Vigilance Awareness Week will be observed from October 30 to November 4.



12 teams of 4 students each participated in the event, which provided them a platform to display their film-making skills.

Geeta Aji, Assistant Professor, Business Communication of VESIT said, "Corruption is a social evil that impacts all strata of society. A sustainable awareness campaign against corruption should be encouraged across all educational campuses in the country. The films made by the students are the defining perspectives of a generation yearning for societal change and development."

Students of the Institute, too had bullish opinions about the array of talent on display. "The visual medium makes a lasting impression on the human mind. Through these films, we have reiterated the commitment of a generation towards spreading corruption awareness and promoting the values of honesty and transparency," said Harsh Bhatia, a student.

Harsh's classmate Deeksha Shetty, too feels that corruption has loosened the moral fabric of our society. "Corruption has created an unfavorable environment where development is not possible. We have taken this occasion to unveil our idea of a society where there is equitable distribution of resources and every individual gets an equal chance to realize his or her self-worth," he said.

12 teams of 4 students each participated in the event which provided them a platform to display their film-making skills and talent. Three teams were declared as winners and consolation prizes were awarded to all participants.



Screen shot from one of the short films that was showcased.

21ST JUNE : INTERNATIONAL YOGA DAY

THE STAFF AND STUDENTS OF VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY ALONG WITH VES COLLEGE OF ARTS, SCIENCE AND COMMERCE CELEBRATED INTERNATIONAL YOGA DAY UNDER THE GUIDANCE OF MS. RITA VAZIRANI & MR. PRASAD GODSE.



विवेकानंद एज्युकेशन सोसायटीच्या (व्हीईएस) वतीने योगा दिवस साजरा करण्यात आला. विवेकानंद एज्युकेशन सोसायटी इन्स्टिट्यूट ऑफ टेक्नॉलॉजी आणि विवेकानंद एज्युकेशन सोसायटी कॉलेज ऑफ आर्ट्स, सायन्स आणि कॉमर्सच्या वतीने या कार्यक्रमाचे आयोजन करण्यात आले होते.

Press Release : Navrashtra 22.6.2017 Pg. No. 3

Young India, New India – A Resurgent Nation : from Sankalp to Siddhi

Young India, New India – A Resurgent Nation : from Sankalp to Siddhi

On 11th September 17, on the occasion of **Pandit Deendayal Upadhyay Century Celebration** and **125th year of Swami Vivekanand's Chicago Address**, the live telecast of **“Young India, New India – A Resurgent Nation : from Sankalp to Siddhi”** speech by **Hon'ble Prime Minister Shri Narendra Modi** was shown to First Year students. Some students have submitted their views for Young India, New India.



PRESS RELEASES

Tech geeks flex intellectual muscle

Students of technology institute showcase their technical talent at Praxis 2017

By Parth Khattar

Technical wizardry was at its creative best as students of Vivekanand Education Society's Institute of Technology (VESIT) displayed a unique blend of imagination and engineering artistry at Praxis 2017, a techfest organized by the institute on September 22 and 23. Since its inception 13 years ago, the festival has been receiving an overwhelming response from students.

This year has seen the unveiling of innovative gadgets and gizmos, conceived and designed by students, applying theory into practicals. Ankit Parvalkar and his team designed a self-steering car which is guided by a GPS tracking system. The vehicle has also been equipped with an IR system for obstacle detection and works on a virtual interface.

"Accident prevention and lowering of fatality rates remains the underlying objective of road safety measures. We have designed this vehicle to dwell on the im-



portance of safety technology solutions and underscore the need to devise indigenous technologies for enhancing road safety standards," stated Parvalkar who is a third year student of Electronics at VESIT.

The two-day technical event was a showcase of various innovations across Robotics, Mechanics, Technical, Electronics and other events beside the in-

clusion of several fun events.

"VESIT has always been at the forefront of providing a podium for students to display their technical skills. Praxis has been conceived by Vesit Renaissance Cell as an event to bring out the innovator in the students and helps build a credible technical base for budding scientists and engineers," stated Dr (Mrs) J.M.Nair, Principal, VESIT.

Another highlight of the festival was the unveiling of a vehicle with Viper Sensor technology developed by Ontar Karkar, second year Electronics student, VESIT.

"The building of an innovative scientific culture is the need of the moment and events like Praxis helps inculcating the right scientific discipline in students. Rather than rote learning in class rooms, techfests like these help students in fostering their analytical skills and practical expertise through a project-based approach," stated Shri Mahesh Tripathi, President, Vivekanand Education Society.

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लोकमत

विद्यार्थ्यांच्या पुढाकार : लघुपट केंद्रीय दक्षता आयोगाच्या सप्ताहात 'भ्रष्टाचारा'वर लघुपटाच्या माध्यमातून केले भाष्य

विद्यार्थ्यांनी आज लघुपटांच्या माध्यमातून भ्रष्टाचाराच्या प्रस्तावित प्रकाशनात दाखवले. हा उपक्रम भ्रष्टाचाराच्या अस्पर्श्या वास्तूची कल्पनाच कल्पितोवया याच भाषा आहे. हे सर्व लघुपट विद्यार्थ्यांनी अर्थित आणि दिग्दर्शित केले आहे. यातून जे विद्यार्थ्यांनी आपला भावार्थ आणि प्रभावशाली संमनाचा प्रतीकच दाखवला आहे. 'भ्रष्टाचारा'वर लघुपट केंद्रीय दक्षता आयोगाच्या सप्ताहात विद्यार्थ्यांनी आपला भावार्थ आणि प्रभावशाली संमनाचा प्रतीकच दाखवला आहे.

दक्षता आयोगाच्या सप्ताहात विद्यार्थ्यांनी आपला भावार्थ आणि प्रभावशाली संमनाचा प्रतीकच दाखवला आहे.

Students embrace Internet of Things with innovations

VARIOUS APPLICATIONS OF IOT

SHORT COURSE THROUGH MOODS FINE AT ONE PLACE

INNOVATION TIMES CAMPUS SOCIETIES IS ON FACEBOOK

'Pollution level at Powai lake 8 times above safe standards'

HOW CAN POLLUTION BE STOPPED?

PUZZLE NEWS