



DEPARTMENT OF INFORMATION TECHNOLOGY

Institute Vision

"To be globally acclaimed Institute in Technical Education and Research for holistic Socio-economic development".

Institute Mission

- To ensure that 100% students are employable and employed in Industry, Higher Studies, become Entrepreneurs, Civil / Defense Services / Govt. Jobs and other areas like Sports and Theatre.
- To strengthen Academic Practices in terms of Curriculum, Pedagogy, Assessment and Faculty Competence.
- Promote Research Culture among Students and Faculty through Projects and Consultancy.
- To make students Socially Responsible Citizen.

Message from HoD's Desk

"We are confident enough that our Engineers will emerge as assets not only to this institution and to the organization, but also to the country at an extent. Along with academic knowledge we also train our Engineers to face the challenges in life by providing many value added courses to enhance their career prospects. The excellent infrastructure, teaching faculty of the best kind ensuring quality education such as interaction among students, parents and staff, along with Training & Placement Cell ensuring a bright future to our students."

ITVishwa

Volume 1 / Year:2018-2019, Issue- 2

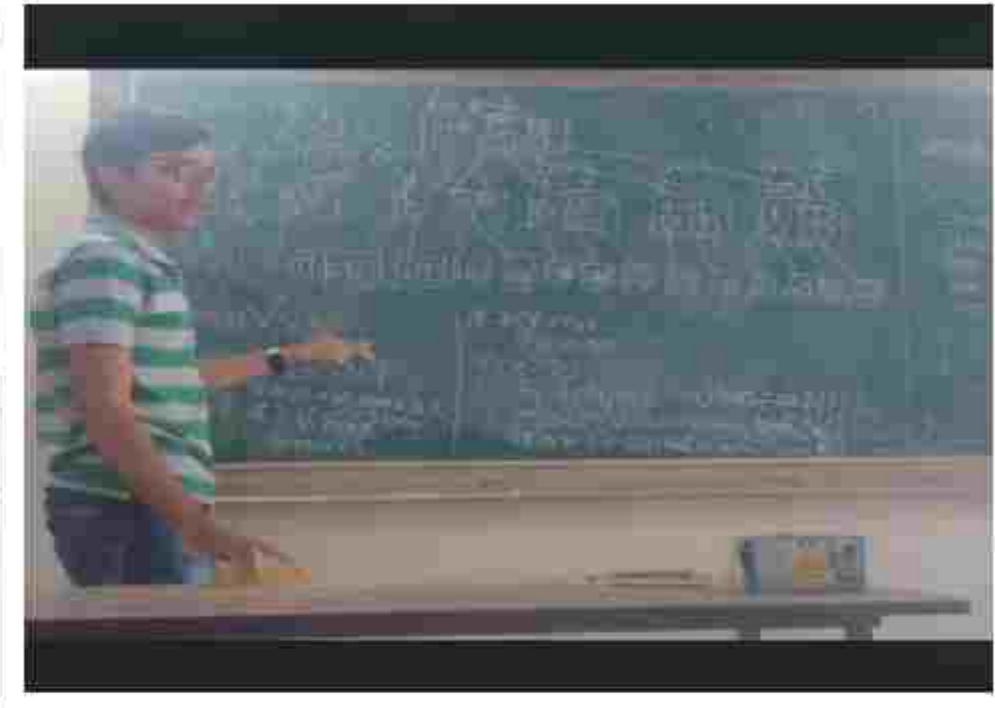
Department Vision

"To provide student-centered state-of-the-art academically enriched environment for productive careers in the world of computing through creativity and innovation"

Department Mission

- To promote aspiring ethically conscious engineers demonstrating sustainable employability and entrepreneurship.
- To impart quality education with the focus on analytical and problem-solving skill development.
- To foster inspired scholarly environment through active student-faculty participation in research and development resulting in new knowledge-base or insights.
- To prepare students to shoulder social responsibilities by application of their skill set for betterment of society.

Sessions by Students



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Sr. No.	Activity	Date
1	Session on Automating Tasks using Python	19/01/2019
2	Workshop on Java	18/01.2010 to 22/01/2019
3	Workshop on MATLAB	23/02/2019 to 24/02/2019
4	Coding Competition Set_1.0	16/2/2019
5	Research Paper and Patent	05/02/2019
6	Circuit Eye (Vishwatronix-2019)	26 /03/2019 to 27/03/2019
7	Projex (Vishwatronix-2019)	25/03/2019 to 28/03/2019
8	Programming (Vishwatronix-2019)	25/03/2019 to 28/03/2019
9	Technical Sodoku (Vishwatronix-2019)	25/03/2019 to 28/03/2019



“DEVELOPER STUDENT CLUB (DSC)”



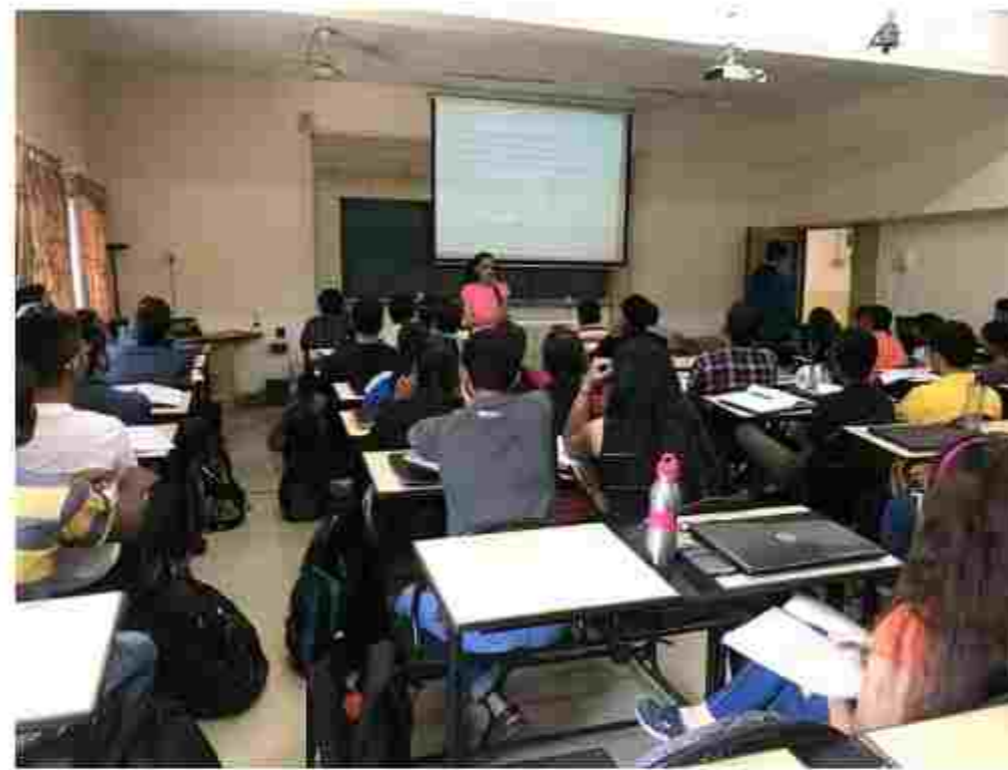
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Sr. No.	Activity	Date
1	Workshop: Machine Learning	23/02/2019 24/03/2019 30/03/2019



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FIRST RUNNER UP SMART INDIA HACKATHON 2019

Team Project_christopher

Category : Software(Complex)

Company:ARIA

Participants:

- 1.Nikhil Sonavane (E&TC)
- 2.Shashank Prasad (SY-IT)
- 3.Fagun Shadi (Comp)
- 4.Ambarish Mohrali (Instru)
- 5.Mrunal Malekar (E&TC)
- 6.Sourabha Naik (E&TC)

Congratulations!



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Nature of Event	Event Details	Name of Student	Year	Intercollegiate / University / State / National
Co-curricular	Smart India Hackathon-2019 Participation	Leena Shejwal, Shrinivas Gutte Kshitija Murumkar Kiran Swami, Yash Solanki Sushmita Kaneri Abhijeet Raut, Niket Doke Shreeya Deshpande, Affan Shaikh, Mohit Lokhande, Rahul kale, Vinay Chellwani Hitesh Sachdev, Vinit Bolla Shashank Prasad Param Mirani	BTech(IT) TY(IT) SY(IT)	National

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Event Details	Name of Student
TRF RoboSoft , <i>Runner Up team</i>	Affan Shaikh Shreeya Deshpande Rohit Kale Pranjali Kulkarni
TRF RoboSoft , <i>3rd Winner team</i>	Sushmita kaneri Niket Doke
3 days workshop on Machine Learning and AI	07 students
3 days Training program on “Cyber Security & Ethical Hacking	09 students
Three Days FDP on Java & JDBC for students	15 Students
FDP on AWS (Amazon Web Services)	02 students

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Event Details	Name of Student	Year
Summer Internship	Rohit kale,Arundhati Shinde Shaunak Joshi,Affan Shaikh Sneha Yele,Niket Doke Soham Raina,Sushmita Kaneri, Vishal wali,Vinay Chellwani Jayanti Runwal,Hitesh Rajkumar Sachdev,Shreeya Deshpande	TY(IT)
Sports- Kho-Kho	Priya Vijay Bhangare Priya Vijay Bhangare	BTech(IT)

Congratulations!

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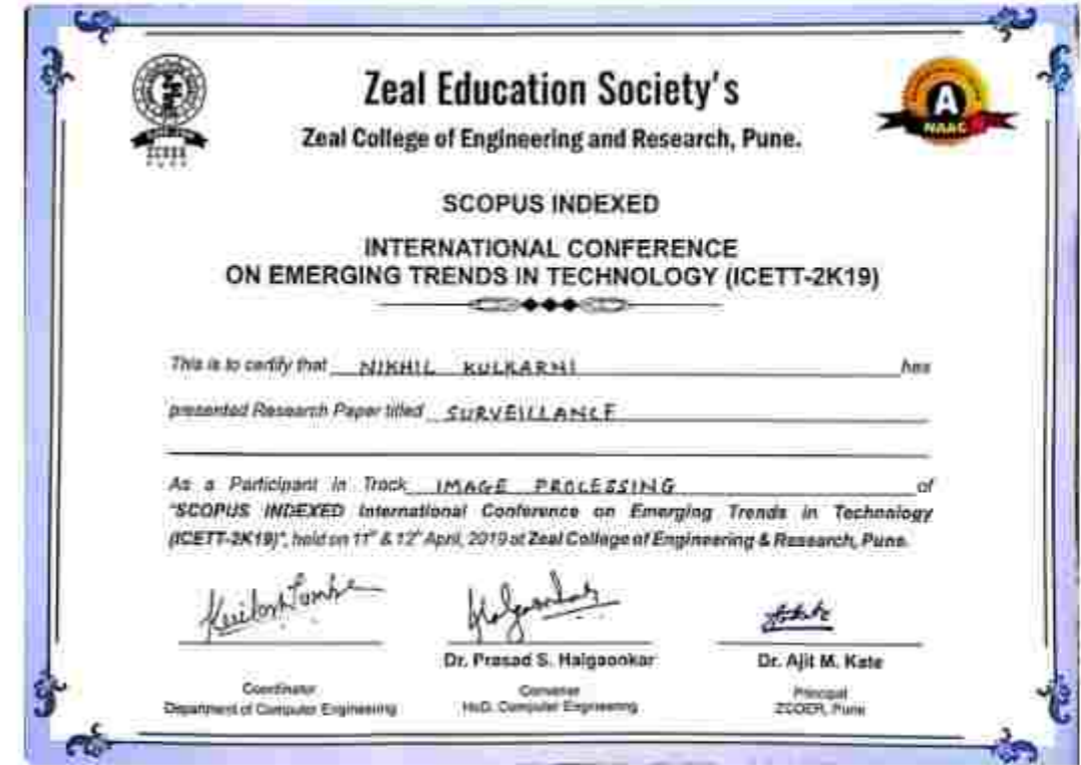
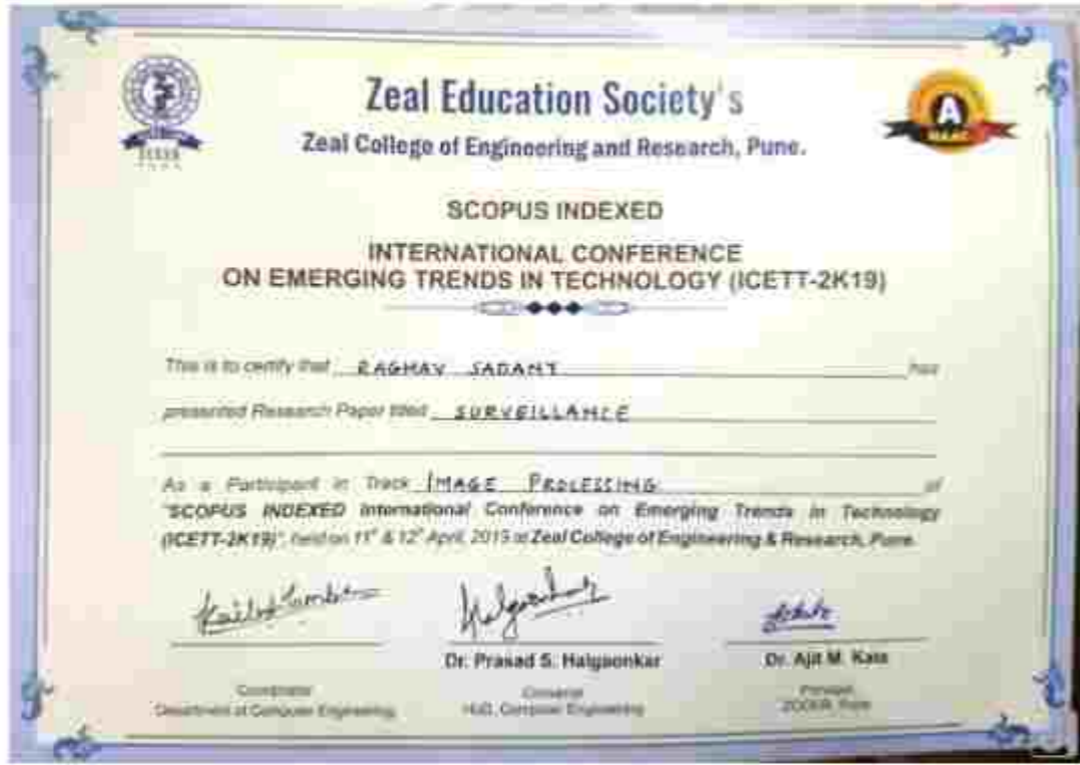


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IEEE Xtreme 12.0 Country Rankings

Global Rank	Team Name	School	Country	School Region	Country Rank
2277	PROXIMITY	Chengannur College Of Engineering	India	RO	589
2278	Surveillance	Vishwakarma Inst Of Tech	India	RO	590
2279	CodingBarrage	P D M College of Engineering	India	RO	591
2281	Puzzle	Vishwakarma Inst Of Tech	India	RO	592
2285	Analysts	Nata maia Reddy engineering college	India	RO	593
2286	bitsphrase	Jeppiaar Institute of Technology	India	RO	594
2288	LAKSHMANISOB	Central University of Karnataka	India	RO	595
2289	Epic	Vidya Vikas Institute Of Engineering & Technology	India	RO	596
2291	Durandhams	Government Engineering College, Wayanad	India	RO	597
2323	AronDescendants	Reva University	India	RO	598



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Sr.No.	Students Name	Competition Name	Organizing Institute	Prize
1	Harshada Salunke	Lila Poonawalla Foundation (LPF) scholarship.	Lila Poonawalla Foundation	Meritorious scholarship of Rs 60,000/- per year
2	Harshada Salunke	Persistent Foundation's "Kiran" scholarship	Persistent	Meritorious Scholarship Rs 40,000/- per year
3	Shashank Prasad	Smart India Hackathon 2019	MHRD,AICTE	First Runner Up
4	Affan Shaikh	CodeIT	Hosted by Credit Suisse	Shortlisted in top 15

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Sr. No.	Activity	Date
1	Expert Technical Talk on “Deep Neural Network on Mobile Devices” by Dr. Prakash Shelokar ,Technical Architect, Data Science, Machine Learning, Xoriant Solutions	7/3/2019
2	Lecture on Internet of Things- Challenges and Security by Prof. Dr. Parikshit Mahalle ,HOD, SKNCOE, Pune	15/3/2019
3	Introduction to Industry 4.0 and PLM software by Mr. Abhijit Pathak, R&D Director , Siemens Digital Industries Software	12/4/2019
4	Academic Research Summit, 2019 (DS & AI)	24/1/2019 & 25/1/2019
5	User Persona, Dr. Lene Nielsen IT University of Copenhagen, Denmark	20/02/2019
5	Webinar / Skype Interaction	20/2/2019
6	ACM India Chapter Project Contest (Shortlisted for Round 2)	February to June 2019





Expert Talk on “Industry 4.0 and PLM Software”

Date: 12/04/2019

Convener:- Dr. P.P. Ghadekar

Coordinators: - M.M. Honap & D.R. Deshpande

Invited Speakers:- Mr. Abhijit Pathak

Objectives:-

1. Introduction to Industry 4.0 and PLM software
2. Possible Internship to students in the Siemens PLM Software, only CS & IT for year 2019



Introduction to GPU Computing Using CUDA

Date: 16th & 17th February 2019

Convener: Dr. P. P. Ghadekar

Invited Speakers:- Dr. P. S. Dhabe

Coordinators :- S P Dongre, D J Joshi

Objectives:-

1. To learn GPU technology & programming on GPU/Tesla server.
2. To understand different strategies of GPU parallel computing.



Data Science using Machine Learning and Deep Learning Perspective

Date :- 23rd & 24th February, 2019

Convener: Dr. P. P. Ghadekar

Invited Speakers:- Dr. M.S.Patwardhan, Prof. D.J.Joshi

Coordinators :- S P Dongre, D J Joshi

Objectives:-

1. To understand the field of Data Science .
2. To understand different strategies of Machine Learning algorithms.





"PAPER PUBLICATIONS"

DEPARTMENT OF INFORMATION TECHNOLOGY

Sr.No.	Title	Authors Name	Name of Journal/Conference	Date
1	A Symmetrical Encryption Technique for Text Encryption Using Randomized Matrix Based Key Generation	Debabrata Swain	ICDSM-2019	27/2/2019
2	Lexical text simplification using wardnet	Debabrata Swain , Vishal Dolase	ICACDS-2019	13/4/2019
3	An efficient System for the prediction of coronary artery disease using dense neural network with hyper parameter Tunning	Debabrata Swain	ICETES-2019	27/2/2019
4	An effective use of ICT for education and learning	Kunal Bhutwani	NCTR-2019	13/2/2019
5	Surveillance System	Deepali Deshpande	ICETT-2019	11-12/4/2019
6	Automating Security Vulnerabilities using Scanning and exploiting	Ranjana Jadhav	ICETT-2019	11-12/4/2019
7	Virtual Personal assistant and improve education System	Poonam Desle , Kunal Bhutwani	ICCCE-2019	02/2019



HEXANIKA™



Recommendation for "Practical Big Data Analytics" course

The semester-long weekend course on "Practical Big Data Analytics" offered by Vishwakarma Learning Labs, Vishwakarma Institute of Technology, Pune is a good choice for those who want to aspire career in the data analytics field. As the field is growing rapidly, there is a huge demand of workforce with these skillsets.

This course has a curriculum as per the current industry demands. Data analytics field being interdisciplinary in nature, the course covers core subjects like statistical analysis using R, big data analysis using Hadoop technologies, machine learning using R / Python. These subjects would be taught by industry experts and experienced academicians. Focus of the course is on conceptual understanding as well as hands on for acquiring insights into the real world case studies. Good performing students also get an opportunity for an internship/ placement with HEXANIKA Solutions Pvt. Ltd. or other relevant companies. Completing this course would definitely be a good beginning of the journey towards becoming a data scientist.

For HEXANIKA Solutions Pvt Ltd


Swapnil Ramesh Desai
HR & Admin Manager



बसंतलाल रामनाथ आगरवाल चरिटेबल ट्रस्ट

विश्वकर्मा इन्स्टिट्यूट ऑफ टेक्नॉलॉजी

(एन ऑटोनॉमस इन्स्टिट्यूट अफिलिएट टू सवित्रीबाई फुले पुणे विद्यापीठ)

६६६, अप्पर इंदिरानगर, बिहवसेवाडी, पुणे - ४११ ०३७

अपणवतारक: A. C. T. E. नवी दिल्ली

VI/VLL/72/169

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666, Upper Indiranagar, Bihwaseadi, Pune - 411 037

Hexanika Pvt. - PUM/IT/2018/1990

Memorandum of Understanding

This Memorandum of understanding (MOU) for training on Practical Big Data Analytics, executed on, May 7, 2018 is a formal agreement between Vishwakarma Institute of Technology (www.vit.edu) (VIT), 666, Upper Indiranagar, Bihwaseadi, Pune, Maharashtra 411037. (Hereinafter referred as 'VIT')

AND
HEXANIKA Solutions Pvt. Ltd. (www.hexanika.com) Krupa, 1187/10, Shivaji Nagar, Pune 411005. (Hereinafter referred to as 'HEXANIKA')

(VIT and HEXANIKA are collectively referred to as 'Parties' and individually as 'Party')

Brief regarding training course on Practical Big Data Analytics:

The objective of this course is to help students / professionals to undertake the course on Practical Big Data Analytics which are primarily designed to cater to the needs of industry in terms of skilled manpower having technical expertise in the IT sector. This course is aimed to develop and improve the technical knowhow and skills of all interested and participating students / professionals.



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“MOU WITH INDUSTRIES”



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TomTom



ITVishwa



**Research Collaboration with
Prof. P V Nataraj and his team from IIT Bombay**

OPEX AI Pvt. Ltd. Hyderabad



“MOU WITH INDUSTRIES”



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JOHN DEERE



“MOU WITH INDUSTRIES”



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JOHN DEERE



Department has awarded as
GPU research Center by NVIDIA and
“GPU Nodal Center” by GPU Center of excellence, IIT Bombay



GPU
RESEARCH
CENTER



Industry Visit to Ethos

Date: 18/01/2019

Visit Details:

1. Industry Visit to Ethos was planned for getting exposure to Virtual Reality Projects.
2. Discussion with CEO Mr.Deshpande was very fruitful as they are ready to delegate a sponsored project to our students..
3. They demonstrated their products developed and it was a fantastic experience.
4. 7 students and 2 staff members Mrs.Manisha Mehetre and Mrs.Deepali Joshi represented VIT.



“STUDENTS INTERNSHIP”



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Sr. No.	Name	Company Name	Stipend
1	Tanvi Gandhi	Symantec	25000
2	Chinmay Agrawal	FireNix Technologies Pvt Ltd	25000
3	Pranav Patil	Softcel	8000
4	ILAME ASHAY VINOD	Siemens	30000
5	WAKUDKAR SAYALI ASHOK	Siemens	30000
6	Subhajeet Kulkarni	Persistent	5000
7	Sahil Pawar	Cloudex	15000
8	TURAB ALI	Kuwaitnet.com	-
9	SHIRSAT VIVEK BAJIRAO	Revogreen Energy Private Limited	-



SIEMENS



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Sr. No.	Name	Company Name	Stipend
10	NATASHA MASCARENHAS	Georeach Technologies	4000
11	KALNE CHAITALI SHARAD	VGESPL	5000
12	Aditya Laddha	Capri Global	25000
13	Ashwin Pijdurkar	Embedded Creations	-
14	Sidhhant Kolhe	Binary Bridge pvt ltd	4000
15	Nikita Narwade	sognaresoft	5000
16	Priyanka Chib	Unithing Technologies	5000
17	Madhav Sarda	Web Wide Technologies	-
18	SIMARAN SHARMA	Prefix Solution LLP	7000
19	KAWALE RADHIKA RAJESH	Prefix Solution LLP	7000



**EMBEDDED
CREATION**



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“ PLACEMENT RECORD ”



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Sr. No.	Name of Student	Name of Company
1	Sadhu Vaidehi Avinash	Symantec
2	Isha Potnis	Tomtom
3	Wakudkar Sayali Ashok	Seimens
4	Shrinivas Gutte	HealthAsyst
5	Parekh Darshit Ketan	CLSA
6	Chinmay Agrawal	HSBC
7	Lina Shankar Shejwal	HSBC
8	Rostika Meshram	HSBC
9	Abhishek Sonavane	Capgemini
10	Pranav Vinod Patil	Softcell
11	Swami Kiran Dayanand	Thermax
12	Kshitija Rajesh Murumkar	Qunistreet
13	Doshi Sakshi Rajesh	Uniken
14	Daithankar Prasad Bhagwan	Nice
15	Kalne Chaitali Sharad	Nice



“ PLACEMENT RECORD ”



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Sr. No.	Name of Student	Name of Company
16	Lakhan Vilas Rathi	Gslabs
17	Ashitosh Ashture	Gslabs
18	Jadhav Swarajya Atul	Persistent
19	Solanki Yash Sohanlal	Accenture
20	Khutan Sachin Nivrutti	Cognizant
21	Kajal Mundada	Credit Suisse
22	Chitta Nitish Shirish	Tibco
23	Devashish Ubale	TIBCO
24	Shinde Anup	TIBCO
25	Ashay Ilame	TIBCO
26	Simaran Sharma	Tutorshive.com

