Bansilal Ramnath Agarwal Charitable Trust's

Vishwakarma Institute of Technology

(An Autonomous Institute affiliated to Savitribai Phule Pune University)



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.



Volume -2 / Year:2019-2020, Issue- 2

O 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 problemsolving skill development.
- To foster inspired scholarly environment through active studentfaculty 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.



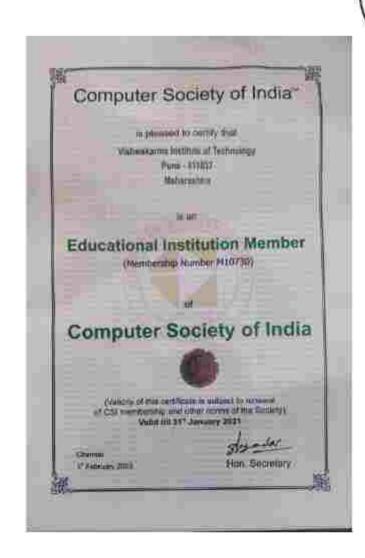
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GediT Programmer's Club has 5 different committes: Java, C++, Python, PHP and Android Each Committee has two Programming Heads/Trainers who will train you and develop your logical reasoning and understanding in that respective Programming Language Computer Society of India (CSI) conducts various Technical Expert sessions, workshops, webinars for students development. Total Number of Chapter Members: 85





"GEDIT CODING CLUB"



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Gedit Coding Club Presents Guest Session on

"Augmented and Virtual Reality"

DR. DATTATRAYA PARLE

(Technology expert at simulation center pune)

Date: 15th Feb 2020, saturday Time: 10 am to 12 noon Venue: 1412

Gedit Coding Club VIT

gedit.vit



Dr Dattatraya Parle, Founder of Simulation Center, Pune

Date: 15/02/2020

Staff coordinators:

Prof. Dr.P.P. Ghadekar,

Mrs. A. R. Sawant

Session Outcome:

- overview of the spectrum of the emerging tech of AR/VR
- it's myriad of possibilities in the field of consumer electronics and research domain
- · live demo of his cost-effective solutions to different VR devices
- new project ideas, solution finding a perspective







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"VR, AR and MR in Education and Training"

Resource Person:

Dr. Dattatray Parle

(Technology Expert at Simulation Centre, Pune.

Won Best Innovative Product Award at Maha Advantage Expo - 2020 at Aurangabad for Tricolor VR Headset Design)

Coordinator: Prof. A. R. Sawant

















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"COMPUTER SOCIETY OF INDIA(CSI)"

"Introduction to GPU computing using CUDA"

Resource Person:

Prof. Dr P S Dhabe, VIT, Pune

Topic: Introduction to GPU computing using CUDA

Date: 15/06/2020

"Re-imagining Product Management"

Resource Person:

Mr. Mohammad Sarosh,

Senior Program Manager, Microsoft

Topic: Re-imagining Product Management

Date: 21/06/2020







"DEVELOPER STUDENTS CLUB"



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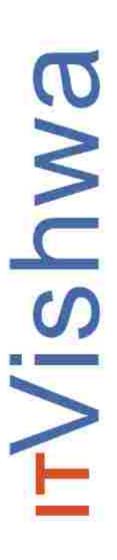












"SELF DEVELOPMENT PROGRAM"



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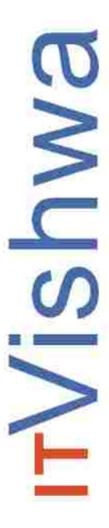
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Sr. No	Date	Speaker	Topic	Venue
1	24/05/ 2020	Anup Thorat, 9ine Consultants Database Architect Swapnil Takalkar, Wolters Kluwer .Net Developer	Post COVID Career Planning	Online
2	24/05/2020	Manesh Nambiar , IBM	Post COVID preparations for Placements and Internship	Online
3	18/01/2020	Varun Shah, Varian Medical Sys- tems as Software Engineer,	Job Opportunities after MS	VIT, Pune









"STUDENTS ACHIEVEMENTS"



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Hackathon 'Game of Codes' Runner up Teams





Organized by Syngenta Service Pvt. Limited,

Date: 5th February 2020

Team - Voice recognition track

- 1. Sagar Wankhede TY IT
- 2. Prateek Fotedar TY IT
- 3. Vedant Patil TY IT









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IN CAMPUS HACKATHON 2020 VIT PUNE RESULT

TOP FIVE TEAMS - SOFTWARE

Rank	Team Members	Team Name	Problem Statement
1	Vinay Sirsal , Siddhant Bobde , Prathmesh Choudhari , Vedangi Deshpande , Vinay Sirsal, Utkarsh shendge	DETECTORS	STAR TRACKING DEVICE
2	Sushmita Kaneri, Purva Nartam , Niket Doke , Abhijeet Raut , Varsha Jha , Chinmay Patil	#No_Name?	CYBERCRIME PREVENTION
3	Ganesh Tarone , Tanishka Gupta , Aniket Ghorpade , Krish Agarwal , Tarun Medtiya , Mihir Tale	VoyagAR	Virtual Tourist Guide
4	Ganesh Devare , Vipul Doshi , Archit Hadge , Jyoti Deshmane , Srushti Dalvi , Yash Halgaonkar	Just_Another_Team	Geo Tracking of Waste and Triggering Alerts and Map- ping Areas with High Waste Index
5	Zaid Naikwadi , Rohan Deshmukh , Kanchan Chaudhari , Kamlesh Silag , Kunal Rasam , Shreya Karmakar	Big Oh of One	Interactive map application for real time crime re- porting







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"PAPER PUBLICATIONS"

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Sr.No.	Title	Authors Name	Name of Journal/Conference	Date
1	Predicting optimal cricket team using data analysis	Ranjana Jadhav, Bhargav Pawar	2021 International Conference on Emerging Smart Computing and Informatics, ESCI 2021, 2021, (IEEE)	March 2021
2	Real-Time Object Detection for Visually Challenged	Ranjana Jadhav, Divsehej, Adarsh, Dheeraj Sharma	Advances in Intelligent Systems and Computing, 2021, (Springer)	April 2021
3	WEB-BASED REAL-TIME GESTURE RECOGINITION WITH VOICE	Dr P P Ghadekar , S. Abhishek, Tejas Kachare, Om Deshpande, Rushikesh Chounde, Prachi Tapadiya	Springer Communications in Computer and Information Science book series (CCIS)	2021
4	Data Set Reduction to Improve Computing Efficiency and Energy Consumption in Healthcare Domain	Dr. P. S. Dhabe , Param Mirani, Rahul Chugwani	Springers Digital Literacy and Socio-Cultural Acceptance of ICT in Developing Countries	June 2021
5	A New Data Structure for Representation of Relational Databases for Application in the Normalization Process	Prof. Ranjana Jadhav, Dr. P S. Dhabe, Param Mirani, Rahul Chugwani	Machine Learning and Information Processing	March 2021
6	Effective UI Design to Explore Poetry Literature Using Multiple Scripts for Ordinary End Users	M.L.Dhore , Ranjana Jadhav	Proceeding of First Doctoral Symposium on Natural Computing Research: DSNCR 2020	January 2021
7	Transliteration of Residential Addresses Having Hindi, Urdu and English	M.L.Dhore , Ranjana Jadhav	Proceeding of First Doctoral Symposium on Natural Computing Research: DSNCR 2020	March 2021







"WORKSHOPS/SEMINARS ORGANIZED



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DEPARTMENT OF INFORMATION TECHNOLOGY

Two days state level SPPU sponsored Faculty Development Program on

"Data Science in Health Analytics for Swasth Bharat"

Convener:- Prof. (Dr.) P. P. Ghadekar

Coordinators:- Prof. Deepali Joshi

Date: 17/01/2020 and 18/01/2020

TVishwa

Invited Speakers: -

- 1. Dr. Aditya Abhyankar
- 2. Dr. Girish Palshikar
- 3. Dr. Prakash Shelokar
- 4. Dr. Parikshit Mahalle
- 5. Dr. Bhushan Garware
- 6. Mrs. Manisha Mantri

Sr. No.	Speaker	Topic
1	Dr. Aditya Abhyankar	Building 3D models in Biomedical Engineering
2	Dr. Prakash Shelokar	Data Science in Healthcare informatics
3	Mrs. Manisha Mantri	Data Analytics in Healthcare: Challenges and concerns
4	Dr. Girish Palshikar	Information and Knowledge Extraction from Biomedical Documents
5	Dr. Parikshit Mahalle	Data Analytics and Access control framework for Medical IOT
6	Dr.Bhushan Garware	Challenges of deploying AI tool in medical domain: trends and re- search opportunities



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Recommendation for "Practical Big Data Analytics" course

The semester-long weekend course on "Practical Hig Data Analytics" offered by Verhwakarma Learning Laba, Vishwakarma Institute of Technology, Pose is a good choice for those who want to aspire coreer in the data analytics field. As the field is growing rapidly, there is a hoge domainst of workforce with these skilliets.

This course has a curriculum as per the current industry demands. Data analytics field being muridisciplinary in nature, the course covers core subjects like statistical analysis using R, big data analysis using Hadoop technologies, machine learning using R / Pythop. These subjects would be taught by industry experts and experienced academicians. Focus of the course is on conceptual testerstanding 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 Per Ltd





क्ष्मा क्ष्मा क्ष्मा क्षेत्रक एट वर्गात विश्वकार्या इनिस्ट्रिट्स्ट्राट्ट ऑफ टेक्नॉलॉली (पुर्व विश्वपीतार्थी मेंक्स स्थापन संस्था) ४१६ जन सीलार, विश्वेची, हुई - १९८ स्थ

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Vishwakarma Institute of Technology

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mentioner No. - PLATFACTOR GELLINGS

VI/VLL/72/169

Assessment by A. L. C. T. E. New Daily

Memorandum of Understanding

This Memorandom of understanding (MOU) (for maining on Practical Big Data Analytics), executed on May 7, 2018 is a formal agreement between Visitswakarma Institute of Technology (www.vic.edu) (VIT), 666, Upper Indiranagur, Bibwewadi, Pane, Maharashtra 411037 (Hereinafter referred as 'VIT')

eremaner referred a

AND

HEXANIKA Solutions Dvt. Ltd. (www.hexanika.com) Krupa. 1187/10, Shivaji Nagar. Pana 411005.

(Heromatter referred to as 'HEXANIKA')

(VIT and HEXANIKA are collectively referred to as Parties' and individually as Terry's

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 oness of industry in terms of skilled manpower having technical expertise in the 17 sector. This course is aimed to develop and improve the technical knowless and skills of all interested and participating madents / professionals.





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Research Collaboration with Prof. PV Nataraj and his team from IIT Bombay



OPEX AI Pvt. Ltd. Hyderabad







- SECONDA

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

Team Leader: Prof P S Dhabe Team - S P Dongre, U B Kodgule











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Industry Visit to Persistent Date: 07/02/2020

Coordinator:- Prof. D R Deshpande

Participants: TY-Information Technology

Visit Details:

1. To know about work in culture in the Persistent

2. To understand the gap between student knowledge and company need

3. To get information about career and abroad opportunities.









"STUDENTS INTERNSHIP"



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Sr.No.	Candidate Name	Company Name	Stipend (Rs)
1	SNEHA SHINDE	CueMath	15000
2	ADARSH UNDRE	Quinstreet	25000
3	ARUNDHATI SHINDE	Digital Impact sqaure	15000
4	YOGINI KOKATE	Eaton	10000
5	PRIYANKA MUTYAL	veritas	25000
6	SUSHMITA KANERI	Mahratta Chamber of Commerce, Industries and Agriculture	15000
7	BOLLA VINIT VIRENDRA	Infosys	10000
8	DAMALE AISHWARYA ASHOK	Application Square	5000
9	DEEPIKA M CHOUDHARY	Expert Systems	6000
10	DHOTRE RAHUL DILIP	Qualys	15000
11	DIPTEJ SUNIL ZOPE	Fortune Tech	7500
12	GOSAVI PRASHANT RAMPAL	perscîtus	5000
13	HAMILPURE SURESH SHIVAJI	entytle	22000
14	HARKANTH NIKHIL ISHWARLAL	Infosys	10000
15	JADHAV SANTOSH BABURAO	Amazon	25000

























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Sr.No.	Candidate Name	Company Name	Stipend (Rs)
16	JAGTAP ATUL SHANTARAM	LTI	8000
17	JAIN NIRMAL SUNDARLAL	cloudage	-
18	KARAN S SOMESHWAR	Fair Deal Real Estate	5000
19	KELHE PRATIK DEELIP	Creatosaurus	5000
20	KUKREJA SAHIL SUNIL	Pune Technology Lab	
21	MUSTAFA HASAN ALTHANI	WebWide Technology	5000
22	NAGANNAWAR SRIYA SUHAS	Enalito	10000
23	OVHAL SHUBHANGI ANKUSH	secura	15000
24	PENDYALA ESHWAR VENKATA	Persistant	10000
25	RUNWAL JAYANTI RAJESH	Cognologix	2
26	SHRADHA GUPTA	Expert Systems	6000
27	SOHAM RAINA	DISQ	15000
28	UNAVANE ADITYA RAJESH	Creatosaurus	5000
29	VISHAL WALI	SVSU,Gurugram	
30	WAGHELA RISHIKESH ANIL	Trycatch group	8000
31	YELE SNEHA DNYANESHWAR	Laxmi Civil	8000























"PLACEMENT RECORD"

Sr. No.	Name of Student	Name of Company
1	BOLLA VINIT VIRENDRA	Infosys
2	DEEPIKA M CHOUDHARY	Cognizant
3	DHOTRE RAHUL DILIP	Qualys
4	GOSAVI PRASHANT RAMPAL	NTT Data
5	HAMILPURE SURESH SHIVAJI	HSBC
6	HARKANTH NIKHIL ISHWARLAL	Infosys
7	JADHAV SANTOSH BABURAO	Innogenium
8	JAGTAP ATUL SHANTARAM	ETI
97	KANERI SUSHMITA RAJENDRA	CLSA
10	KARAN S SOMESHWAR	sagitec solutions
11	KELHE PRATIK DEELIP	HSBC
12	KOKATE YOGINI RAVINDRA	Persistent systems
13	MUTYAL PRIYANKA DILIP	Veritas Technology LLC
14	OVHAL SHUBHANGI ANKUSH	ETI
15	PENDYALA ESHWAR VENKATA	Persistent

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DEPARTMENT OF INFORMATION TECHNOLOGY

Cognizant





















"PLACEMENT RECORD"

Sr. No.	Name of Student	Name of Company
16	RUNWAL JAYANTI RAJESH	Deutsche Bank
17	SHINDE ARUNDHATI PRADEEP	Nuclius Health(start up)
18	SHINDE SNEHA PRAKASH	CueMath
19	SHRADHA GUPTA	Anlage Consultancy
20	SOHAM RAINA	LTI
21	UNAVANE ADITYA RAJESH	HSBC
22	AGRAWAL NIKHIL KAILAS	Barclays
23	BHATADE RACHANA RAMESH	<u>Musafir.com</u>
24	BHURE ABHIJEET ASHOK	EQ Technologic
25	CHELLWANI VINAY BHAGWAN	VMware
26	DESHMUKH SHARYU RAVIKUMAR	Noovosoft Technologies
27	DESHPANDE SHREEYA VIVEK	Signify
28	DOKE NIKET SUBHASH	VMware
29	GAIKWAD HRISHIKESH RAMESH	Seagate Technology
30	HARSHWARDHAN GOYAL	sincrodigital

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PLACEMENT RECORD"

Sr. No.	Name of Student	Name of Company
31	HEBARE DINESH DHARMENDRA	Siemens
32	JANHAVI PATIL	Neilsoft
33	JHA VARSHA GIRINDRA MOHAN	Barclays
34	JOSHI SHAUNAK SHRIKRISHNA	fastcode.ai
35	KALE ROHIT ARUN	Credit Suisse
36	KUDE HARSHADA DILIP	Signify
37	KULKARNI PRANJALI PRASHANT	Credit Suisse
38	LOKHANDE MOHIT VIJAY KUMAR	Logicmonitor
39	PATIL ASHWINI VISHWANATH	Quantiphi
40	POPHALE ATHARVA SUDHIR	Logicmonitor
41	RAUT ABHIJEET NITIN	HSBC
42	RUDRAWAR SAURABH MOHAN	Barclays
43	SACHDEV HITESH RAJKUMAR	Human Resocia
44	SHAIKH AFFAN MUNAF	Credit Suisse

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34	JOSHI SHAUNAK SHRIKRISHNA	fastcode.ai
35	KALE ROHIT ARUN	Credit Suisse
36	KUDE HARSHADA DILIP	Signify
37	KULKARNI PRANJALI PRASHANT	Credit Suisse
38	LOKHANDE MOHIT VIJAY KUMAR	Logicmonitor
39	PATIL ASHWINI VISHWANATH	Quantiphi
40	POPHALE ATHARVA SUDHIR	Logicmonitor
41	RAUT ABHIJEET NITIN	HSBC
42	RUDRAWAR SAURABH MOHAN	Barclays
43	SACHDEV HITESH RAJKUMAR	Human Resocia
44	SHAIKH AFFAN MUNAF	Credit Suisse

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