

Vivekanand Education Society's Institute of Technology
Department of Computer Engineering



Academic Year 2019-2020
Department Report (Oct 2019 to Apr 2020)

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Vivekanand Education Society's Institute of Technology
Department of Computer Engineering



Academic Year 2019-2020
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Various activities conducted in the Department of Computer Engineering in the academic year 2019-20 during Oct 2019 to Apr 2020 have been categorized as mentioned below:

1. Faculty Contributions

1.1 Workshops Conducted for Faculties

'One day workshop on R' was organized at VESIT on behalf of the Teaching Learning Centre, ICT, Bombay on 9th Nov. 2019, funded by Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRD. Govt. of India. The workshop was coordinated by Dr. Gresha Bhatia (RCC) , Mrs. Abha Tewari(Co-ordinator), Mr. Ketan Gajare (Technical Staff).



1.2 Workshops/Courses Conducted by faculty

1.2.1 Orientation Programs Conducted by Faculty

Sr. No.	Conducted By	Course description	Organized by	Date	Number of days
1	Dr. Nupur Giri	Orientation of Distributed Computing & Distributed Computing Lab	VESIT	15th January 2020	1 Day
2		Orientation of High Performance Computing and Computational Laboratory - II	Terna Engineering College	16th January 2020	1 Day
3	Mrs. Sunita Sahu	Orientation on "Distributed Computing Lab"	VESIT	15th January 2020	1 day



Orientation on "Distributed Computing & Distributed Computing Lab"

1.2.2 Workshops/Courses Conducted by faculty (Total : 13)

Sr. No.	Conducted By	Course description	Organized by	Date	Number of days
1	Mrs. Sujata Khedkar	Expert Talk on “IoT with Spark”	PVPP	3rd Jan 2020	1 Day
2		" Cloudera Training -Developing with Spark "	VESIT	20/1/20 to 1/2/20	20 hrs
3	Mrs. Priya R. L.	Talk on Tips on Technical Paper Writing	VESIT	4th Feb 2020	1 Day

1.3 Courses Attended by faculty (Total: 37)

Sr. No.	Attended By	Course description	Organized by	Date	Number of days
1	Dr. Nupur Giri	STTP on HPC	RAIT, Nerul	11th November to 16th November 2019	7 days
2	Dr. Mrs. Gresha Bhatia	One Week STTP on NLP	SAKC Chembur	2nd Jan to 8th Jan 2020	7 Days
3		Orientation on " Human Machine Interaction SEM-VIII Computer Engineering"	TSCE,Bandra	11 th January 2020	1 Day
4	Mrs. Sujata Khedkar	One Week STTP on NLP	SAKC Chembur	2nd Jan to 8th Jan 2020	7 Days
5		Orientation Program on "Natural Language Processing"	SAKC Chembur	8th Jan 2020	1 Day
6		Orientation on " Human Machine Interaction SEM-VIII Computer Engineering"	TSCE,Bandra	11 th January 2020	1 Day

7	Mrs. Sharmila Sengupta	One Week STTP on NLP	FrCE, Vashi	2nd Jan to 8th Jan 2020	7 Days
8	Mr. Prashant Kanade	One Day workshop on R	Teaching Learning Center, ICT IIT Bombay	9th Nov 2019	1 Day
9		Orientation of Entrepreneurship Development and Management	Rizvi College	14th January 2020	1 Day
10	Dr. (Mrs) Anjali Yeole	Orientation of Distributed Computing & Distributed Computing Lab	VESIT	15th January 2020	1 Day
11		Seminar on "Pharmacy Perspective of Revised NAAC"	VES College of Pharmacy	1st Feb 2020	1 Day
12		Star Expert IoT Specialist (SEIS) R2.0 cleared with 77%	Star edu	23rd March -2nd April	40hrs
13	Mrs. Vidya Zope	One Week STTP on NLP	SAKC Chembur	2nd Jan to 8th Jan 2020	7 Days
14		Orientation Program on "Natural Language Processing"	SAKC Chembur	8th Jan 2020	1 Day
15		Shifting Teaching-Learning Paradigms through Innovative Pedagogy" Sponsored by TEQIP III and IEEE Bombay Section	VJTI	9th-14th Dec 2019	1 week
16		One Day workshop on R	Teaching Learning Center, ICT IIT Bombay	9th Nov 2019	1 Day
17	Mrs. Indu Dokare	FDP on "Pedagogy of Signal Processing and its Applications"	RAIT, Nerul	9th Dec - 20th Dec 2019	2 weeks

18	Mrs. Priya R L	5 Day Workshop on Advanced Deep Learning	Fr. Conceicao Rodrigues College of Engineering	2nd to 6th Dec 2020	5 Days
19		Orientation Program on "Natural Language Processing"	SAKC Chembur	8th Jan 2020	1 Day
20	Mrs. Abha Tewari	ISTE Approved STTP on "Integrating Research Methodology Tools, Computer Vision & NLP"	PVPP College, Sion	23rd Dec 2019-28th Dec 2019	6 days
21		Coordinators for One Day Workshop on R	Teaching Learning Center, ICT IIT Bombay	12th Nov 2019	1 Day
22	Ms. Sunita Suralkar	Orientation of Distributed Computing & Distributed Computing Lab	VESIT	15th January 2020	1 Day
23		Orientation of Cloud Computing	K C College	17th January 2020	1 Day
24	Ms. Rupali Hande	FDP on Deep Learning Theory and Applications for Engineers	VJTI	16th - 21st Dec 2019	6 days
25	Mrs. Pallavi Saindane	One Day workshop on R	Teaching Learning Center, ICT IIT Bombay	9th Nov 2019	1 Day
26		One Day workshop on Arduino	Teaching Learning Center, ICT IIT Bombay	8th Feb 2020	1 Day
27		FDP on Deep Learning Theory and Applications for Engineers	VJTI	16th - 21st Dec 2019	6 days
28		FDP on 'Internet of Things' (Online)	NITTTR Chandigarh	10th April-14th April 2020	5 Days
29	Mrs. Sunita Sahu	Orientation of Distributed Computing & Distributed Computing Lab	VESIT	15th January 2020	1 Day

30		FDP on Deep Learning Theory and Applications for Engineers	VJTI	16th - 21st Dec 2019	6 days
31		Orientation of High Performance Computing and Computational Laboratory - II	Terna Engineering College	16th January 2020	1 Day
32		One Day workshop on R	Teaching Learning Center, ICT IIT Bombay	9th Nov 2019	1 Day
33	Mr. Richard Joseph	Orientation of Cloud Computing	K C College	17th January 2020	1 Day
34	Mrs. Yugchayya Dhote	One Week STTP on NLP	SAKC Chembur	2nd Jan to 7th Jan 2020	7 Days
35		Orientation Program on "Natural Language Processing"	SAKC Chembur	8th Jan 2020	1 Day
36	Mrs. Mansi Talreja	Orientation of Distributed Computing & Distributed Computing Lab	VESIT	15th January 2020	1 Day
37	Mrs. Suvarna B	Orientation of Distributed Computing & Distributed Computing Lab	VESIT	15th January 2020	1 Day

1.4 Skill Development Activities

1.4.1 Certification Exams

1.4.1.1 NPTEL Certifications by Faculty (Total :07)

Sr. No.	Name of the Faculty	NPTEL Course Description	Organized by	Period	Score
1	Mrs. Sharmila Sengupta	Developing Soft Skills and Personality	IIT Kanpur	October 2019 (8 weeks)	75%
2	Mr. Prashant Kanade	Patent writing for Beginners	NPTEL IITM	Aug- Sep 2019 (4 weeks)	56%
3	Mrs. Vidya Zope	Development Research Methods	IIT Madras	July- Sep 2019 (8 weeks)	68%
4	Mrs. Indu Dokare	Introduction to Internet of Things	NPTEL	October 2019 (12 weeks)	54%
5	Mrs. Abha Tewari	Database Management Systems	IIT kharagpur	July- Sep 2019 (8 weeks)	60%
6	Mrs. Mannat Doultani	Database Management Systems	IIT kharagpur	July- Sep 2019 (8 weeks)	67%
7	Mrs. Mannat Doultani	Introduction to Research	IIT Madras	July- Sep 2019 (8 weeks)	67%

1.5 Research Forum Activities (in association with IIC)

1.5.1 Expert Talks (Total : 09)

Sr. No.	Date	Name of the Expert	Designation & Organisation	Topic	Attended By
1	9th Oct 2019	Mr. Rahul Pandhare	Senior Manager, Capgemini	Blockchain	Faculties Research Scholars IIC Members
2	22nd Feb 2020	Mr. Mukesh Jain	CTO - Insights, AI Data at Capgemini	Experimentation 101 & Research Opportunities in AI, IoT, AR/VR and Blockchain	Faculties Research Scholars IIC Members
3	24th Feb 2020	Prof. Surya Durbha	Professor at CSRE, IIT Mumbai	High-Performance Computing	Faculties Research Scholars IIC Members
4	17th Feb 2020	Dr. Nupur Giri and Mr. Richard Joseph	VESIT	Contagious disease propagation study and containment strategies using Machine Learning : Indian Scenario	Faculties Research Scholars IIC Members
5	17th Feb 2020	Dr. Gresha Bhatia	VESIT	Farm Guide	Faculties Research Scholars IIC Members
6	17th Feb 2020	Dr. Anjali Yeole	VESIT	Smart Box	Faculties Research Scholars IIC Members

7	17th Feb 2020	Mrs. Indu Dokare	VESIT	Autonomous Luggage carrying Robot using Image Processing	Faculties Research Scholars IIC Members
8	17th Feb 2020	Ms. Kajal Jewani	VESIT	Rehabilitation and Protection of Coastal Areas	Faculties Research Scholars IIC Members
9	17th Feb 2020	Mr. Richard Joseph	VESIT	Water Supply Management and Catchment Control in Drought Prone Regions of Rural India	Faculties Research Scholars IIC Members



Expert Talk by Mr. Rahul Pandhare, Senior Manager, Capgemini



Expert Talk by Mr. Mukesh Jain, CTO - Insights, AI Data at Capgemini



Expert Talk by Prof. Surya Durbha, Professor at CSRE, IIT Mumbai

1.5.2 Major Research Grants: (Total :05) : \$ 40,000 approx

Microsoft AI for Earth Oct Summit - Oct 2019:

Dr. Gresha Bhatia has been sponsorship for an amount worth Rs. 1,00,000/- to attend the AI for Good Summit in Seattle, USA from 14th Oct to 17th Oct 2019

No	Name of Faculty	Title of Project	Domain	Sanctioned Amount
1	Dr. Nupur Giri Mr. Richard Joseph	Contagious disease propagation study and containment strategies using Machine Learning : Indian Scenario	Biodiversity	\$5000 (Ext)
2	Mrs. Priya R L	Predictive analysis of carbon footprint in metropolitan cities of India.	Carbon Footprint	\$10,000
3	Mrs. Abha Tewari Mrs. Vidya Zope	Predicting floods in coastal regions as a direct consequence of deforestation	Deforestation	\$10,000

4	Ms. Kajal Jewani	Rehabilitation and Protection of Coastal Areas	Rehabilitation	\$5000 (Ext)
5	Mr. Richard Joseph	Water Supply Management and Catchment Control in Drought Prone Regions of Rural India	Water Management	\$10000 (Ext)

1.5.3 Minor Research Grant (Total :5) (Amount Rs. 95,000/-)

Sr. No.	Name of Faculty	Title of Project	Domain	Sanctioned Amount (Rs.)
1.	Prof. Sharmila Sengupta	Sahara: A stanchion for the blind	Image Processing	30,000/-
2	Mrs. Vidya Zope	Trailtracker : Anti-poaching intelligence	Machine Learning	10,000/-
3	Mrs. Abha Tewari, Mrs. Mannat Doultani	Food to People: A Block Chain Solution	Blockchain	25,000/-
4	Ms. Kajal Jewani, Mr. Richard Joseph	FireMan Helper	IoT	15,000/-
5	Mrs. Lifna C S	Coreveillance- Making our world a “SAFER” Place	Mobile App	15,000/-
Total				95000/-

1.5.4 VESIT Innovation Cell Grant (Total 02):Rs. 1,50000/-

No	Name of Faculty	Title of Project	Domain	Sanctioned Amount
1	Mr. Prashant Kanade	Clinical Note Generation	Healthcare	Rs. 60,000
2	Mrs. Mannat Doultani Mrs. Abha Tewari	Automatic Attendance Marking for Kindergarten using Half Face Recognition	Quality Education	Rs. 90,000

Sponsorship Generated :- Rs. 95,000/ approx

Sr. No.	Name of the event	Amount
1	Smart India Hackathon	Rs. 20000/-
2	Syrus and WeTech by Github	Rs. 75000/-

1.5.5 Research Papers Published (Total : 54)

1. Dr. Nupur Giri , Rahul Jaisinghani, Rohit Kriplani, Tarun Ramrakhyani, Vinay Bhatia , 'Distributed Denial Of Service(DDoS) Mitigation in Software Defined Network using Blockchain ' , IEEE Third International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC 2019) , Dec 2019 , 978-1-7281-4364-4.

2. Dr. Nupur Giri , Sanika Chavan, Raghav Heda, Reema Israni, Ritika Sethiya , 'Disease Migration, Mitigation, and Containment: Impact of Climatic Conditions & Air Quality on Tuberculosis for India' ,IEEE International Conference on "Innovating Technology for Humanity", IEEE PuneCon 2019 , Dec 2019.
3. Dr. Nupur Giri , Chinmay Sankhe, Bhavesh Ahuja, Austin Coutinho, Chandan Bhargale, ' Implementation of R.O.S. in drones for Animate and Inanimate object detection ' ,2nd International conference on Advanced computing Technologies and applications 2020, Mumbai 28th-29th Feb 2020.
4. Dr.Gresha Bhatia , Mrs. Abha Tewari, Grishma Gurbani, Sanket Gokhale, Naman Varyomalani, Rishil Kirtikar, Yogita Bhatia, Shefali Athavale , 'Extraction of tabular data from PDF to CSV files ' ,Fourth International Conference on Data Management, Analytics and Innovation, United Services Institute (USI), New Delhi | Date: 17 - 19 January, 2020 .
5. Dr. Gresha Bhatia , Karan Hemdev, Madhu Raghani, Nidhi Berde, Aman Pingle , 'Electric Footprint (Accepted for publication) ' ,International Conference on Recent Advances in Computational Techniques (IC-RACT 2020) to be held on 27th and 28th March in Amity University , Mar 2020.
6. Dr. Gresha Bhatia , Simran Bhagwandasani, Rahul, Bhatia, Urjita Bedekar, Pranit Naik , 'KRISHAK SAHAYATA: Prediction of Best Crop Yield ' ,Multicon-W 2020, International Conference of Intelligent Computing and Networking (Conference Attended : Springer Publication) , 2020.
7. Dr. Gresha Bhatia , Yogita Bhatia, Akanksha Mittal, Shefal Athavale, Tanya Mohananii , 'Classification of Cardiac Arrhythmia using Kernelized SVM ' ,4th International Conference on Trends in Electronics and Informatics (ICOEI 2020).
8. Dr. Gresha Bhatia , Nikhil Joshi, Srivatsan Iyengar, Sahil Rajpal, Krish Venkateshwaran Mahadevan , 'Crop Prediction based on Environmental conditions and Disease Prediction ' ,International Conference on Recent Advances in Computer Techniques (IC-RACT), Amity university , 2020.

9. Mrs. Sujata Khedkar , Dr Subash K. Shinde, , ' Deep Learning and Ensemble Approach for Praise or Complaint Classification ' ,International Conference (Elsevier) on Computational Intelligence and Data Science , Sept 2019.
10. Mrs. Sujata Khedkar , Dr Subash K. Shinde , 'Deep Learning-based Approach to classify Praise's and Complaint's from Customer Reviews ' ,2nd Springer International Conference on Computational Science and Applications , Jan 2020 , 978-981-15-0790-8.
11. Mrs. Sujata Khedkar , Priyanka Gandhi, Gayatri Shinde, Vignesh K Subramanian , 'Deep Learning and Explainable AI in Healthcare using EHR ' ,Deep Learning Techniques for Biomedical and Health Informatics , Nov 2019 , 978-3-030-33966-1.
12. Mrs. Sujata Khedkar , Dr Subash K. Shinde, , 'Ensemble Classifier for Praise or Complaint Classification and Visualization from Big Data ' ,Internet of Things, Smart, Computing and Technology: A Roadmap Ahead , July 2019 , 978-3-030-39047-1.
13. Mrs. Sujata Khedkar , Shashank Agnihotri, Anshul Agarwal, Mahak Pancholi , ' Stylometry based Authorship Identification ' ,Feature Extraction and Classification Techniques for Text Recognition , Jan 2020 , 9781799824060.
14. Mrs Sujata Khedkar , Mitesh Gopalani, Jay Rajput, Slyden Nunes, Akhil Varyani, 'Animate Object Detection and Q ground Control ' ,Fourth International Conference on Information and communication technology for competitive Strategies(ICTCS 2019) ,Dec 13-14,2019, held in Bhapul Nobles University, Udipur India. , Dec 2019.
15. Mrs. Sharmila Sengupta , Dr. Alka Subramanyam, Dr. Sonakshi Jyrwa, Juhi Bansinghani, Sarthak Dadhakar, Trena Dhingra, Umesh Ramchandani , 'Dyscalculia Detection using Machine Learning ' ,8th International Conference on Pattern Recognition and Machine Intelligence December 17-20, 2019 , Nov 2019 , 978-3-030-34869-4.
16. Mrs. Sharmila Sengupta , Nikhil Vatwani, Shivani Valecha, Vijay Kataria, Priyanka Wadhvani, 'eClassroom-using IOT to revolutionize the classical way of knowledge sharing ' ,International Conference on machine Learning And information Processing icmlip - 2019 27 - 28 December , 978-981-15-1884-3.

17. Mrs. Sharmila Sengupta , B.K. Lande , 'Peak power reduction in multicarrier systems using Goppa codes ' ,International Journal of Information Technology springer , Nov 2019.
18. Mrs. Sharmila Sengupta , B.K. Lande , 'Performance analysis of PAPR reduction in G-OFDM with QPSK modulation' , 2018 International Conference on Advanced Computation and Telecommunication IEEE Date of Conference: 28-29 Dec. 2018 Date Added to IEEE Xplore: 19 December 2019 , Dec 2019 , 978-1-5386-5367-8.
19. Mrs. Sharmila Sengupta , B.K. Lande , 'Analysis of PTS-MIMO-OFDM signal for Goppa coded data' ,Fourth International Conference on Information and Communication Technology for Competitive Strategies held during December 13-14, 2019 at Bhupal Nobles' University, Udaipur, India , Dec 2019.
20. Mrs. Sharmila Sengupta , Hitesh Valecha, Varkha Ahuja, Labhesh Valechha , 'Orisyncrasy—An Ear Biometrics on the Fly Using Gabor Filter' ,International Conference on Data Sciences, Security and Applications (ICDSSA 2019). Information Technology Department of Bharati Vidyapeeth's College of Engineering, New Delhi, during March 7–8, 2019. , Dec 2019 , 978-981-15-0372-6.
21. Mr. Prashant Kanade , Dr Arun Kumar , 'Mapping of Disease Names to Standard Codes for Effective EHR System' ,International Conference on Computation and Bio Engineering , Dec 2019.
22. Mr. Prashant Kanade , Dr Arun Kumar , 'Adoption of EHR System in India: Challenges and Recommendations ' ,Amity University Rajasthan, Jaipur, India International Conference on Sustainable Computing in Science, Technology and Management , Jan 2020 .
23. Mr. Prashant Kanade, Preeti Artani,Kajol Chawla,Mohit Makhija,"IoT based Smart Shopping Assistant with hippo-campus Based Navigation",International Conference on Industry 4.0,By Saraswati college of Engg, Mumbai.Apr 2020.
24. Mr. Prashant Kanade, Rahul Lalchandani,Disha Rajani,Nikhil Tilwani,Marisha Talreja,"Standard Healthcare Record For Disease: Cancer" International Conference on Industry 4.0,By Saraswati college of Engg, Mumbai, Apr 2020.

25. Dr. Anjali yeole , Sahil Talreja, Rohit Talwar, Khushboo Bhatia, Sagar Raheja, , 'Disease Prediction Model Using Machine Learning ' ,HSB International journal UGC care , April 2020.
26. Dr. Anjali yeole , Raj Joshi, Aditya Raute, Sanika Sanaye, Sanika Sanaye , 'Machine Learning and Technology in Diagnostic Research: The Case Study of Cognitive Disorders among Toddlers ' ,SSRN-Elsevier's Online Digital Publication under ICAST-2020,3rd International Conference on Advances in Science and Technology on APRIL 8 - 9, 2020, in Association with University of Mumbai and The IET, Mumbai Local Network, K. J. Somaiya Institute Of Engineering And Information Technology, Sion, Mumbai - 400022 , April 2020
27. Dr. Anjali yeole , Raj Mendon, Riya Mendon, Virendra Rajpurohit, Ritesh Shadija , 'IOT CONTROLLER ' ,ICDSMLA 2020: International Conference on Data Science, Machine Learning & Applications 2020 Mysore India, June 19-20, 2020Accepted for Asian Journal of Convergence in Technology (AJCT) , June 20.
28. Dr. Anjali yeole , Jyoti Raina, Nisha Purswani, Abhinav Velidi, Chinmay Joshi , 'Demand Hub: A better way to meet your daily needs! ' ,SSRN-Elsevier's Online Digital Publication under ICAST-2020,3rd International Conference on Advances in Science and Technology on APRIL 8 - 9, 2020, in Association with University of Mumbai and The IET, Mumbai Local Network, K. J. Somaiya Institute Of Engineering And Information Technology, Sion, Mumbai - 400022 , April 2020.
29. Dr. Anjali Yeole , Dhananjay Kalbande , 'IoT Technology Stack: Whole Host of Technology ' ,CSI Communications Apr 2020 issue , (Technical Trends) , April 20.
30. Mrs. Indu Dokare , Anjali Prithiani, Sachin Kanjan, Hanish Ochani, Dinesh Tarachandani , 'Prediction of Having a Heart Disease Using Machine Learning ' ,International Conference on Recent Advances in Computational Techniques: IC-RACT 2020 , March 2020.
31. Mrs. Indu Dokare , Snehal Keni, Samiksha Pawar, Apeksha Sansare, Shilpa Vaish , 'Real-Time E-commerce comparative Website using data Mining ' ,International Journal of Information and Computing Science (IJICS) , April 2020.

32. Mrs. Vidya Zope , Abhiruchi Bhattacharya, Padmaja Borwankar, Kasturi Kumbhar, Ariscia Mendes , 'Classification of Sign Language Gestures using Machine Learning ' ,International Journal of Advanced Research in Computer and Communication Engineering,Vol. 8, Issue 12,December 2019 , Dec 2019
33. Mrs. Priya RL , Faizanshah ansari, P.V.Seshadri, Ketaki Buwa, Vidya Bhagnani , 'DrishtiGyan - Proposed design on Gaze based content Evaluation ' ,3rd International conference on Advances in Science & Technology (ICAST) 2020 , 43929 ,
34. Mrs. Priya RL , Piyusha Bauskar, Pallavi Brahmapurkar, Omkar Morogiri, Gauri Sagane , ' Proposed Idea on Detection of Retinoblastoma and its response to treatment ' ,IEEE INCET 2020, Jain College of Engineering, Belagavi , 5-7 June 2020.
35. Mrs. Priya RL , Stevert Lobo, Meenakshi Agarwal, Ishma Amin, Rahul Gurnani , 'Proposed Idea for Mapping Carbon footprint with Change in Vegetation Cover and Population in India ' ,3rd International conference on Advances in Science & Technology (ICAST) 2020 , 43922.
36. Mrs. Lifna CS , Dr. Vijayalakshmi M. , 'Location-Based Alert System Using Twitter Analytics ' , Advances in Intelligent Systems and Computing book series (AISC, volume 1090) , March 2020 , 978-981-15-1480-7.
37. Mrs. Lifna CS , Dhaval Bagal, Amey Pimple , 'Noise Removal after Background Subtraction ' ,6th International Conference on Innovation and Research on Technology and Engineering, 19th and 20th December 2019 Organized by Department of Information Technology , PVPPCOE , Dec 2019.
38. Mrs. Abha Tewari , Sarthak D Khanna, Riya Bathija, Ruchika Daryani, Anuja Reejhsinghani , 'ASD (Autism Spectrum Disorder): Early Detection Intervention using Machine Learning ' ,International Journal of Innovative Science and Research Technology , Jan 2020.
39. Mrs. Abha Tewari , Aditi Saptarishy, Shriya Sawant, Jaya Tanwani, Priyanka Awatramani , 'Machine Learning based model to Detect Anomaly in the Water ' ,5th International conference on Engineering research and innovations , Mar 2020.

40. Mrs. Abha Tewari , Gautam Menghani, Tarun Methwani, Paramvir Ramola, Nitin Tejuja ,
' Food to people: A Block chain solution ' ,5th International conference on Engineering
research and innovations , Mar 2020 ,
41. Mrs. Abha Tewari , Disha Rohra, Muskan Khatri, Saloni Punjabo, Kapil Ramrakhiyani , '
Swayam: A Conversation Aid App ' ,IJAST International Journal of Advanced Science
and Technology , 43922.
42. Mrs. Mannat Doultani, Divya Khiani, Khushboo Murjani, Roma Bulani and Richa
Bhatia,"KrishakMitra (कृषकमित्र) - Crop Prediction" in International Conference on
Industry 4.0,By Saraswati college of Engg, Mumbai, Apr 2020,HSB international journal.
43. Mrs. Mannat Doultani , Divya Khiani, Khushboo Murjani, Roma Bulani, Richa Bhatia , '
KRISHAKMITRA - GRADING OF MUSHROOM ' ,JCRT , 43922
44. Mrs. Mannat Doultani, Mannat Doultani, Karan Khatwani, Rahul Khubchandani, Vanita
Lahrani, Resham Verliani,"UDAN - Ude Desh Ka Aam Naagrik" in
<https://irjet.net/archives/V7/i4/IRJET-V7I4100.pdf>, IRJET ,Apr 2020.
45. Ms. Sunita Suralkar , Smit Gangurde, Sanjeevkumar Chintakindi, Haresh Chawla , 'An
Autonomous Intelligent Ornithopter ' ,International Conference on Computer Networks,
Big Data and IoT (ICCBI-2019) , Dec 2019 , 2367-4512.
46. Mrs. Pallavi Saindane , Pratiksha Wadibhasme , Anjali Amin, Pragya Choudhary, 'Saathi
– A smart IoT Based Pill Reminder ' ,Fourth International Conference on ICT for
Intelligent Systems (SPRINGER ICTIS – 2020) , 43586 , 14-15 May 20.
47. Mrs. Pallavi Saindane , Nilesh Rijhwani, Janhvi Patil, Aishwarya Goyathale, Sartha
Tambe , 'sVana- The sound of silence ' ,Fourth International Conference on ICT for
Intelligent Systems (SPRINGER ICTIS – 2020) , 43587 , 14-15 May 20.
48. Mrs. Pallavi Saindane, Yogita Jethani, Puja Mahtani, Chirag Rohra, Piyush Lund,
'Blockchain: A Solution for Improved Traceability with Reduced Counterfeits in Supply
Chain of Drugs', International Conference on Computing Technologies for transforming
the Automated World Atharva College of Engineering, ICCTAW-2020, Mumbai, India,
April 2020.

49. Mrs. Pallavi Saindane, Alisha Punwani, Prathamesh Pendal and Aditya Sajeev, Suraj Shehri, 'Plasma Voting: A Secure e-Voting Platform', International Conference on Computing Technologies for transforming the Automated World Atharva College of Engineering, ICCTAW-2020, Mumbai, India, April 2020.
50. Mrs. Sunita Sahu , Smruti Kshirsagar, Srushti Sachdev, Navjyot Singh, Anushka Tiwari , 'IoT enabled Gesture-Controlled Home Automation for Disabled and Elderly' ,International Conference on Computing Methodologies and Communication [ICCMC 2020 , March 2020 ,
51. Mrs. Sunita Sahu , Anirudh Ramachandran, Akshara Gadwe, Dishank Poddar, Saurabh Satavalekar , 'Performance Evaluation of Different Machine Learning Techniques using Twitter Data for Identification of Suicidal Intent ' ,International conference on Electronics and Sustainable Communication Systems (ICESCS 2020) , April 2020.
52. Mrs. Sunita Sahu , Nirav Motwani ,Aakanksha Talreja,Naman Varyomalani , Kunal Kundnani , 'Video Enhancement and Tampering Detection for Surveillance System ' ,This International Conference on Intelligent Computing and Control Systems (ICICCS 2020) , May 2020.
53. Ms. Rohini Sawant , Dr Manoj Sabnis , ' Machine Learning Based Copy Move Video Forgery Detection ' , International Conference on Innovation and Research on Technology and Engineering (ICIRTE)-2019-20 , Dec 2019.
54. Ms. Rohini Sawant, Dr Manoj Sabnis , 'A Hybrid Approach For Detection Of Forgery In Video' ,Information and Communication Technology for Competitive Strategies(ICTCS)-2019 , Dec 2019.

1.6 Patents (Total 01):

Sr. No	Patent - Application No	Patent - Application Date	Patent - Name	Patent - Inventor Name	Status
1	202021016810	April 20, 2020	System For Aiding Visually Impaired	Sharmila Siddhartha Sengupta, Dhaval Ulhas Bagal, Rahul Bhaskar Devadiga, Amey Vinay Pimple And Shreya Ravsaheb Patil	Filed

1.7 Books Published (Total 02):

No.	Books Published - Name (Title. FirstName MiddleName Surname)	Books Published - Name of Co-Authors	Books Published - Name of book	Books Published - Publication	Books Published - Month and year of publication
1	Dr. Nupur Giri	Dr. Lata Ragha, Bhushan Jadhav	Distributed Computing	Star Edu Solutions	Feb 2020
2	Dr. Anjali yeole	Bhushan Jadhav, Gopal Pardesi, Vaishali Khairnar, Dhananjay Kalbhande	Internet of Everything	StarEdu Solutions	Feb 2020

1.8 Interaction with Outside World:

1.8.1 Industry Visit

Name Of the Industry: Appirio- A Wipro Company

Day of visit: 1st January to 5th January 2020

The Industrial visit was organised by the institution to Appirio- A Wipro Company for 2nd and 3rd Year students. **Total 133 students** accompanied by Dr. Mrs. Nupur Giri, Mrs. Priya R. L., Mrs. Mannat D, Mrs. Richa Sharma, Mrs. Manasi Talreja visited the Industry.



1.8.2 Institute Interaction : (Total 05)

Sr. No.	Conducted By	Description	Organized by	Date
1	Dr. Nupur Giri	PhD expert panel KJ Somaiya (Computer RR Committee)	KJSCOE	13th Dec 2019
2		Department Course Audit Committee	SPIT	9th March 2020

3		Board of Studies meeting for Computer Engineering Department , Thakur College of Engineering and Technology	Thakur College of Engineering and Technology	30th Nov. 2019
4		2nd Board of Studies meeting in Department of Information Technology, KJSCOE	K J Somaiya College of Engineering	16th Nov. 2019
5		Invited for 3rd Board of Studies meeting in Department of Information Technology, KJSCOE	K J Somaiya College of Engineering	13th March 2020

1.8.3 Research Paper Reviewer : (Total 08)

Sr. No.	Name of the Reviewer	Description	Organized by	Date
1	Dr Nupur Giri	IEEE CSCITA-2020 IEEE Xplore Digital Library Reviewer	SFIT	3rd -4th April 2020
2	Dr. Gresha Bhatia	Session Chair of International Conference ICIRTE-2019	PVPP	19th Dec 2019
3	Dr. Gresha Bhatia	Reviewer for International Conference IC-RACT 2020	Amity University	27th-28th March 2020
3	Dr. Anjali Yeole	Reviewer for International Conference IC-ICN-2020	TCOE	Feb 2020
4	Dr. Anjali Yeole	Reviewer for International Conference DJICACTA2020	DJSCOE	Feb 2020

5	Dr. Anjali Yeole	Reviewer for International Conference ICACC2020	RAIT	Mar 2020
6	Sujata Khedkar	Reviewer for ICIRTE 2019	PVPP	Dec 2019
7	Sujata Khedkar	Reviewer for Journal of Big Data	Springer	2019
8	Sujata Khedkar	Reviewer for ICAC3'19	Fr. Conceicao Rodrigues College of Engineering	Dec 2019

1.8.4 Paper Setting of UG and PG Courses:

Name	University
Dr .Nupur Giri	Mumbai University,
Dr. Gresha Bhatia	Mumbai University
Mrs. Sujata Khedkar	Mumbai University, K.J Somaiya
Mrs. Sharmila Sengupta	Mumbai University, K.J Somaiya
Mr. Prashant Kanade	Mumbai University
Dr. Anjali Yeole	Mumbai University, K.J Somaiya , SPIT
Mrs. Vidya Zope	K J Somaiya

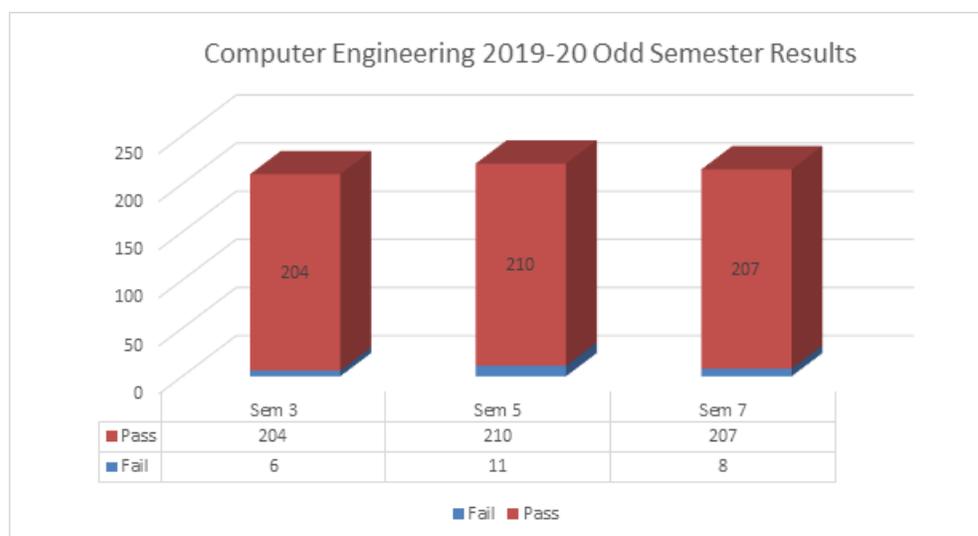
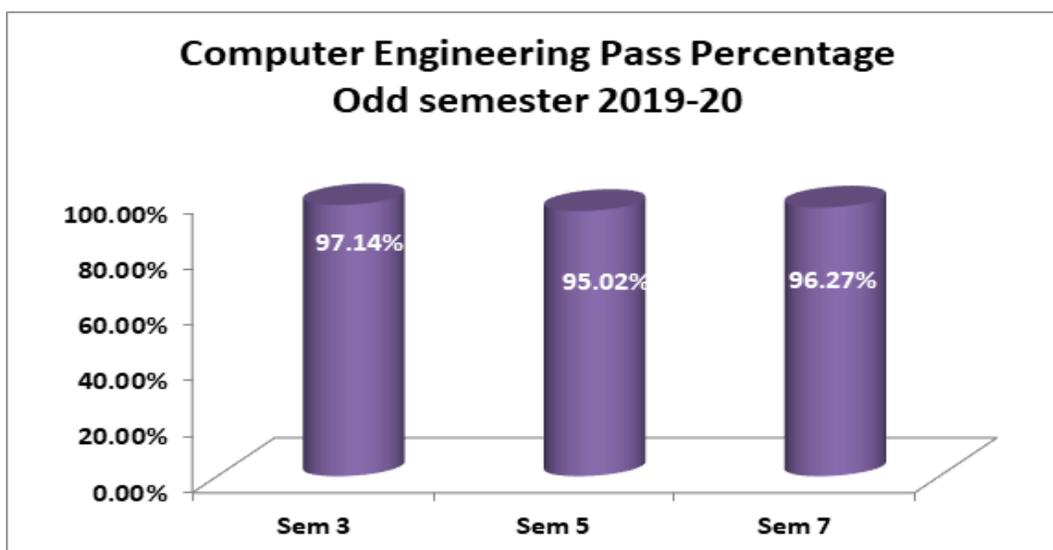
1.8.5 Syllabus Revision of Computer Engineering 2019 (Mumbai University)

Name	Subject
Dr. Nupur Giri	Operating Systems (Chair), Operating Systems Lab (Chair)
Dr.Gresha Bhatia	Database Management Systems, Computer Graphics, Microprocessor
Mrs. Sujata Khedkar	Discrete Structure and Graph Theory (Chair)
Mr. Prashant Kanade	Robotics (DLOC)
Mrs. Vidya Zope	Operating Systems, Operating Systems Lab
Mrs.Indu Dokare	Digital Logic Design and Analysis, Computer Organization and Architecture
Mrs.Lifna C. S.	Discrete Mathematics, Analysis of Algorithm
Mrs. Kajal Jewani	Data Structure
Mrs. Sunita Sahu	Database Management Systems

2 Student Portfolio

2.1 Student Achievements

2.1.1 Academic Excellence : Statistical graphs illustrating the performance of the Students by the end semester results from University of Mumbai: The following graphs show the pass/fail counts and end semester performance of students for Semester III to VII



Department Toppers (Nov'2019 Mumbai University Exam)

SEM III Toppers Nov'2019			
Div	Name of Student	GPA	Rank
A	Bhatlawande Onkar Sitaram	10	1st Rank
A	Dhopavkar Tejas Atul	10	
A	Hiranandani Yashvi Ashok	10	
A	Koshti Pooja Arun	10	
A	Manwani Rashmi Rajkumar	10	
A	Menon Riya Ramchandran	10	
A	Naik Advait Hemant	10	
A	Pawar Mayur Manik	10	
A	Raisinghani Divya Hiralal	10	
A	Ranade Aabha	10	
A	Thikekar Abhijit Pradeep	10	
A	Tolamatti Gauravi Anil	10	
B	Bhawsinghka Gunjan	10	
B	Bhere Siddhesh	10	
B	Chhabria Prem Vinod	10	
B	Gupta Abhay Anupam	10	
B	Hemnani Hitika Kamlesh	10	
B	Jangale Sanket Narendra	10	
B	Lotya Sahil Chandu	10	
B	Mangnani Deepika Hareesh	10	
B	Ochani Neeraj Narain	10	

B	Pal Anand Nabokumar	10	
B	Patil Kirti Dayaram	10	
B	Pawar Parthesh Deepak	10	
B	Velonde Salonee Ravindra	10	
C	Badlani Anjali Rajesh	10	
C	Chhabria Jatin Jaykumar	10	
C	Gupta Ajay Upendra	10	
C	Kriplani Sejal Prakash	10	
C	Lohana Bhavesh Mukesh	10	
C	Nachnani Dimple Naresh	10	
C	Naik Chetan Chandrahas	10	
C	Sundarani Baldev Arjundas	10	
C	Tanna Muskan Dharmendra	10	
A	Bugtani Siddarth Prakash	9.96	
A	Budhani Sejal Avinash	9.92	3rd Rank
A	Hariani Divesh Tarunkumar	9.92	
C	Asrani Priyanka Dinesh	9.92	
C	Bhagat Neel Narayan	9.92	

SEM V TOPPERS Nov'2019			
Div	Name Of Student	Gpa	Rank
B	Adnani Anish Rajesh	10	1st Rank
B	Choudhary Pragya Mahesh	10	
B	Khanna Vanshika Bhagchand	10	

B	Magdum Akash Rajendra	10		
B	Mate Yash Vijay	10		
B	Vaswani Anmol Raju	10		
B	Wadibhasme Pratiksha Gunwant	10		
C	Mhatre Disha Ratish	10		
A	Dharmani Ria P	9.85	2nd Rank	
B	Amin Anjali Ravi	9.85		
B	Dulera Meetali Ghanshyam	9.85		
B	Indulkar Sneha Manohar	9.85		
B	Iyer Sreevidya Rajaraman	9.85		
B	Patil Gayatri Prakash	9.85		
B	Siddique Mohammed Kaif Jakrul Haque Shahana Parveen	9.85		
B	Somai Neelam Nand	9.85		
A	Bhave Mohini Mangesh	9.78		3rd Rank

SEM VII Toppers Nov'2019			
Div	Name Of Student	Gpa	Rank
B	Nunes Sladyn Manuel Maria	9.85	1st Rank
A	Jain Sanyam Sanjay Nutan	9.65	2nd Rank
A	Bhagwandasani Simran Rajkumar Poonam	9.62	3rd Rank

2.1.2 Placement Activities :

Placement Activities Conducted for year 2019-2020

(I) Seminars /Expert Lectures

Sr. No.	Activity	Date/ Time	Class	Expert
1	Seminar: JPMC CFG Roadshow	29/01/2020 3.00pm	TE	Miss Riddhi Desai,HR JPMC
2	Senior junior interaction	10/01/2020 11.30am- 1.00pm	TE	Students placed in JPMC, Nomura, MAQ, TCS Codevita, TCS EngiNX, Placement Coordinators
3	Steering the Interview	11/03/2020 9:30-11:00am	D12C	Prof. A. Nagananda

Senior -Junior Interaction:



II) Aptitude Test

Sr. No.	Topic	Day/Date	Time/Duration	Class
1	Quantitative techniques(QT)	25th Jan 2020	12:45 PM	TE (D12A, D12 B)
		25th Jan 2020	11:30AM	TE (D12C)
2	Logical reasoning(LR)	5th Feb 2020	2:00PM	TE (D12A, D12 B)
		4th Feb 2020	3:00PM	TE (D12C)

Quantitative Analysis Test





1) Logical Reasoning Test (online)



Placement Statistics:

(I) Placements :

★ Summary:

- ★ The process of placement started in July 2019 with dream companies like JP Morgan & Chase-CFG, Indus Valley Partners (IVP), Interactive Brokers, Institutional Shareholder Services (ISS), MAQ software, Justdial, Carwale.com, Quantiphi, Dolat Capital, KPMG etc. followed by our mass recruiter Accenture.
- ★ Like every year, this year also students have performed extremely well. Students participated in a coding contest organized by JP Morgan & Chase- Code for Good (CFG), TCS : Codevita, TCS-EngiNX. Many students got the placement opportunity through these contests.

★ Highlights

- ★ 94.44 % of eligible and interested students got placed till date.
- ★ 48 companies visited the campus till the date for Computer Engineering stream.
- ★ Highest salary offered is 14 Lacs/Annum.
- ★ Average salary offered is 6 Lacs/Annum
- ★ 116 students got the dream job offers.

★ Contest Participation

Code for Good by JP Morgan & Chase

Winner Team members

- 1) Jay Rajput
- 2) Ajay More

Runner up Team1 members

- 1) Bhavesh Ahuja
- 2) Dishank Poddar
- 3) Kajol Chawla

Runner up Team2 members

- 1) Grishma Gurbani
- 2) Anushree Bane

Runner up Team3 members

- 1) Isma Amin
- 2) Amruta Parab

★ Job Offers through Coding Contests :

Sr. No.	Contest Name/ Company	Number of job Offers	Salary (Lacs/Annum)
1	Code For Good (CFG), JP Morgan & Chase	20	14
2	ENGINX, TCS	1	7
3	NINJA, TCS	5	3.3
	Total	26	

D) Placement Statistics for the year 2019-20 (as on 11th March 2020): 48 Companies

Sr. No.	Company	Number of job offers	Salary (Lac/Annum)
1	Teradata	2	8.9
2	JPMC (CFG)	20(5)	14
3	IVP	3	7.2
4	ISS	4	7
5	MAQ	3	6
6	Quantiphi	4	6.5/7.5
7	Carwale,com	3	7.5
8	Interactive Broker	3	8.18
9	DOLAT Capital	2	4.5
10	Just Dial	8(2)	7
11	Ernst & Young	6	4.25
12	TCS (EngiNX))	1	7

13	KPMG	0	4.5
14	Network Marvels	2	4.5
15	Infosys FSE	2	3.3/5
	Infosys SE	1	5
16	Nomura (Kakushin) Contest	0	8.3
17	TCS (Ninja)	5(3)	3.2
18	Acucert Lab	1	5
19	Accenture ASE	59(1)	4.5
	Accenture FSE	6	6.5
20	Elastic Run	1(1)	5
21	NSEIT	1(1)	3.5
22	Reliance Jio	7(1)	3.5
23	Capgemini	8(1)	3.8/6.8
24	@Media.net	2(2)	6
25	Acrotrend	1	4.5
26	L&T Infotech	29(15)	5/ 6.5
27	Seclore	0	4/4.5
28	GEP	0	4.25
29	Dark Horse	3	4.25
30	e-Emphasys	0	3.7
31	Sankey Solutions	0	3
32	Vistaar	1	3.3

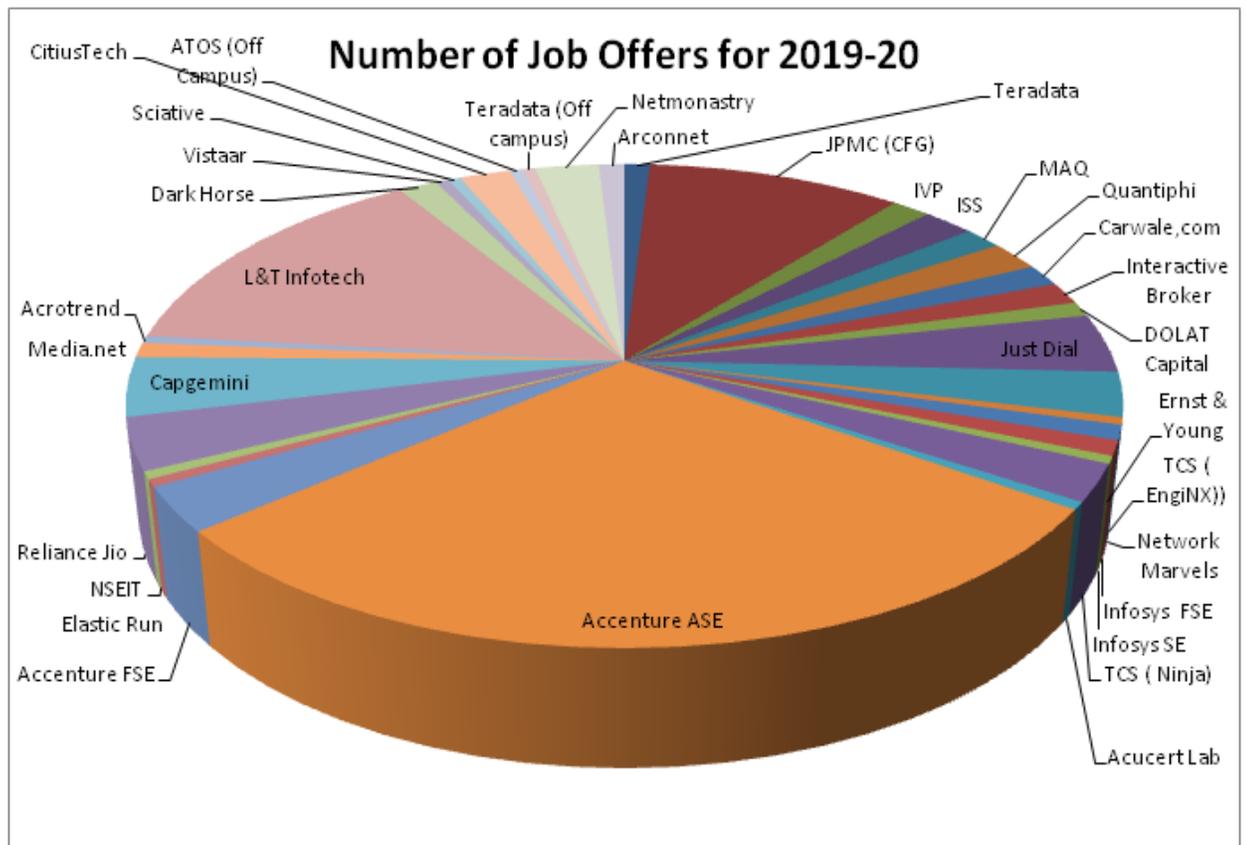
33	Sciative	1	3.7
34	CitiusTech	4(1)	4.5
35	ATOS (OFF CAMPUS)	1	3.2
36	Teradata Offcampus	1	3.5
37	Netmonastry	5(2)	3.5/5
38	Arconnet	2(1)	3.5
39	L & T GET	3(3)	6
40	Capgemini (UoM)	1	3.5
41	Swabhav Tech Labs	1	3.5
42	NCDEX e Markets Ltd.	0	3
43	GANIT SOLUTIONS	0	3.2
44	BNP Paribas	0	3.2
45	Decimal Points	Result Pending	3.2
46	ABM Knowledgeware	Result Pending	3.2
47	NetMagic	Result Pending	3.2
48	DHL Supply Chain	Result Pending	3

Summary :

Job Offered	209
Strength	215
Strength (Interested)	180
Total Placed	170
Second (or More) Jobs	39
% Offered (Strength)	97.21
% Offered (Interested+Eligible)	116.11

% Placed (Interested+Eligible)	94.44
Minimum Salary	3 Lac/Annum
Maximum Salary	14Lac/Annum
Average Salary	6 Lac/Annum
No of Companies	48

Company wise number of job offers:



2.1.3 Higher Studies:

(II) **Higher Studies** : 40 students got admitted for higher studies in Indian and foreign universities.

Record of Higher Studies for Academic Year 2018-2019

Sr. No.	Division	Name of Student	University	Field of Specialization
1	A	Chanchlani Anuj	University of Illinois, Chicago	MS in Management Information Systems
2		Dadhakar Sarthak	University of Southern California	MS in Computer Science
3		Dekhane Siddharth	University of Southern California	MS in Computer Science
4		Dhingra Trena	Northeastern University	MS in Computer Science
5		Gokhale Ankur	University of Texas Dallas	MS in Computer Science
6		Jagasia Kunal	University of Southern California	MS in Computer Science
7		Nayan Jain	Arizona State University	MS in In Software Engineering
8		Kaushik Vishwanath	University of Southern California	MS in Computer Science
9		Mhalgi Kaushal	Arizona State University	MS in Computer Science
10		Mistry Vedant	University of Southern California	MS in Computer Science
11		Nair Namita	University of Southern California	MS in Computer Science

12		Pandey Raksham	Ku Leuven, Belgium	Masters In Artificial Intelligence
13		Pillai Shishir	University of Maryland	Masters in Software Engineering
14		Sagar Raisinghani	State University of New York, Stony Brook	MS in Computer And Information Science
15		Binoy Shankar Saha	IIT Madras	MS in Computer Science
16		Shankar Nishant	Stony Brook University	MS in Computer Science
17		Sutar Kshitij	Arizona State University	MS in Computer Science
18		Vaidya Anish	University of Southern California	MS in Computer Science (Data Science)
19		Wadhvani Vishal	Northeastern University Khoury College of Computer Sciences	MS in Cyber Security
20	B	Rishabh Bhatt	IOWA State University	MS in Computer Science
21		Gawande Rushikesh	Indiana University, Bloomington	MS in Data Science
22		Indulkar Shreiya	University of Illinois, Chicago	MS in Business Analyst
23		Himani Ashok Keswani	Chetana's Institute of Management	PG Diploma in Management Programme
24		Yohan Mahajan	Indiana University	MS in Computer Science

25		Madhuresh Pandey	NMIMS	PGDM Business Analytics
26		Sumeet Sarode	Indiana University	Ms In Data Science
27		Harshini Sewani	Ryerson University	Master of Engg. - Electrical And Computer Engg., AI
28		Vaswani Hitesh	University of Southern California	MS in Computer Science
29		Pooja Vazirani	Indiana University	MS in Human Computer Interaction
30		Anirudh Roy	Indian Institute of Foreign Trade	MBA
31	C	Prateek Bhatia	Syracuse University, New York	MS in Computer Science
32		Abhishek Chhabra	University of Southern California	MS in Computer Science
33		Ankit Dalal	University of Southern California	MS in Computer Science
34		Samujjwaal Dey	University of Illinois Chicago	MS in Computer Science
35		Gayatri Ganapathy	Simon Fraser University	MS in CS, Big Data
36		Hazarani Nitin	Stevens Institute of Technology	Management Information System
37		Gurpreet Singh Nagpal	University of Florida	MS in Computer and Information Science And Engineering

38		Dipesh Sidhwani	University at Buffalo	MS in Computer Science
39		Prateek Talreja	University of Illinois Chicago	MS in Management Information System
40		Sagar Wadhwa	California State University, Long Beach	MS in Computer Science

2.1.4 Competitive Exams for Academic Year 2018-19 and 2019-20 :

Total Number of students cleared the exam:

Year/Exam	GRE	TOEFL	GATE	CAT	IELTS
2018-19	33	31	01	02	4

Total Number of students appeared/cleared the exam:

Year/Exam	GRE	TOEFL	GATE	CAT	IELTS
2019-20**	18	12	13	03	NA
** data as on 3rd March 2020					

2.2 Skill Development Activities:

2.2.1 Skill Enhancement Lectures (SEL) (Total :03)

2.2.1.1 “Docker and Kubernetes” by Mr. Mohan Pawar , DevOps Engineer at Continuum Managed Solutions on 13th Feb 2020 for Final Year students for the subject Cloud Computing.



2.2.1.2 “Artificial Intelligence and Industry Applications” by Mr. Kamlesh Mhashilkar, Head - Data and Analytics Practice, Analytics and Insights Unit, Tata Consultancy Services on 5th Feb 2020 for Final year students for the subject Natural Language Processing



2.2.1.3 “The future of 5G and Blockchain”, by Mr. Subodh Gajre, CISCO on 17th January 2020 for third year students for Cryptography and System Security Subject.



2.2.2 NPTEL Lectures for Students (Total : 02)

2.2.2.1 "2D Transformations" by Prof. Sukhendu Das, IIT Madras for the subject of Computer Graphics on 29th March 2020 for Second year students.

2.2.2.2 “User Centric Design Evaluation”, Prof. Samit Bhattacharya, IIT Guwahati for the subject of Human Machine Interaction on 8th April 2020 for Final Year Students.

2.2.3 Certification Programs:

2.2.3.1 NPTEL Local Chapter VESIT Certifications:

Total Number of Students registered : 274

Total Number of Students cleared the exam : 219

Name of the Course	Number of Students Registered	Number of Students Cleared the Exam
Developing Soft Skills and Personality	80	64
Interpersonal Skills	108	83
Ethics in Engineering Practice	86	72

2.2.3.2 Oracle Certification exam

Even Sem :

Number of students Registered : 91

Total No. of certifications: 137

Class: D7A

Sr. No.	Name of the Student	Course 1	Scores (%)	Course 2	Scores (%)
1	Vinita Chugh	Java Fundamentals	56	Java Foundations	70
2	Riya Matwani	Java Programming	56	Artificial Intelligence with Machine Learning in Java	95
3	Aakash Vanjani	Database Design and Programming	NA	Programming with PL/SQL	NA

		with SQL			
4	Paras Gurnani	Database Design	76	Programming with PL/SQL	56
5	Mohit Balani	Java Programming	64	Programming with PL/SQL	42
6	Bhavika Mulwani	Database Design and Programming with SQL	34	Programming with PL/SQL	12
7	Sameer Israni	Database Design and Programming with SQL	70	Programming with PL/SQL	22
8	Praveen Mirchandani	Database Design and Programming with SQL	NA	Programming with PL/SQL	NA
9	Sejal Budhani	Database Foundations	NA	Database Design and Programming with SQL	66

Class: D7B

Sr. No.	Name of the Student	Course 1	Scores (%)	Course 2	Scores (%)
10	Abhay Gupta	APEX – Application Development Foundations	76	Artificial Intelligence with Machine Learning in Java	96
11	Aashish Vaswani	Java Programming	74	Artificial Intelligence with Machine Learning in Java	94
12	Chetan Urkude	Java Programming	Absent	Artificial Intelligence with Machine Learning in Java	Absent
13	Deepika Mangnani	Database Foundations	86	APEX – Application Development Foundations	52
14	Dhwani Serai	Artificial Intelligence with	Absent	Artificial Intelligence with	Absent

		Machine Learning in Java		Machine Learning in Java	
15	Girish Vaswani	Java Programming	66	Artificial Intelligence with Machine Learning in Java	86
16	Gunjan Bhawsinghka	Database Design and Programming with SQL	82	Programming with PL/SQL	66
17	Hanisha Mohinani	Java Fundamentals	76	Java Programming	54
18	Hitika Hemnani	Java Fundamentals	72	Java Programming	58
19	Jay Jhaveri	Database Foundations	88	APEX – Application Development Foundations	66
20	jayesh dhanrajani	Java Fundamentals	82	Java Programming	82
21	kedar kharde	APEX – Application Development Foundations	72	Artificial Intelligence with Machine Learning in Java	78
22	Khushboo Bhatia	Java Fundamentals	Absent	Java Foundations	Absent
23	Laveen Dawani	Java Programming	80	Artificial Intelligence with Machine Learning in Java	60
24	Nishikant Patil	Java Programming	Absent	Artificial Intelligence with Machine Learning in Java	Absent
25	Paridhi Harpalani	Java Fundamentals	66	Java Programming	76
26	Parthesh Pawar	Programming with PL/SQL	Absent	Artificial Intelligence with Machine Learning in Java	Absent
27	Prasad Govekar	APEX –	70	Artificial	94

		Application Development Foundations		Intelligence with Machine Learning in Java	
28	Prem Chhabria	APEX – Application Development Foundations	66	Artificial Intelligence with Machine Learning in Java	96
29	Rahul Koli	APEX – Application Development Foundations	80	Artificial Intelligence with Machine Learning in Java	92
30	Riddhi Khole	Java Programming	Absent	NA	
31	Sadhvi Ganuwala	Java Fundamentals	Absent	Java Programming	Absent
32	Sahil Lotya	APEX – Application Development Foundations	68	Artificial Intelligence with Machine Learning in Java	90

Class: D7C

Sr. No.	Name of the Student	Course 1	Scores (%)	Course 2	Scores(%)
33	Hritwik Ekade	Java Fundamentals	76	Java Programming	68
34	Neel Bhagat	Java Fundamentals	82	Java Programming	82
35	Harshita Kanal	Database Design and Programming with SQL	absent	Artificial Intelligence with Machine Learning in Java	absent
36	Nikhil Gangaramani	Database Foundations	absent	Database Design and Programming with SQL	absent
37	Shreyas Kotkar	Database Foundations	absent	Database Design and Programming with SQL	absent

Class: D12A

Sr. No.	Name of the Student	Course 1	Scores (%)	Course 2	Scores (%)
38	Aditya Deopurkar	Java Programming,	96	Artificial Intelligence with Machine Learning in Java	78
39	Anupam Giri	Java Fundamentals	84	Artificial Intelligence with Machine Learning in Java	72
40	Archana Bhatia	Programming with PL/SQL,	94	APEX – Application Development Foundations	80
41	Devansh Ahuja	Java Foundations	94	Programming with PL/SQL,	90
42	Divya Borse	Java Programming,	80	Database Foundations	84
43	Divya Kalwani	Java Foundations	66	Programming with PL/SQL,	66
44	Drishti Parchanj	Java Fundamentals	76	Database Foundations	60
45	Jaya Tanwani	APEX – Application Development Foundations	54	Artificial Intelligence with Machine Learning in Java	52
46	Kajol Achhra	Java Foundations	84	Database Foundations	78
47	Krish Venkateshwaran M	APEX – Application Development Foundations	70	APEX – Application Development Foundations	98
48	Mohini Bhawe	Java Programming,	absent	Artificial Intelligence with Machine Learning in Java	absent
49	Mohit Khiani	Java Programming,	92	Artificial Intelligence with	74

				Machine Learning in Java	
50	Nikhil Joshi	Java Foundations	98	Java Programming,	86
51	Pratik Rane	Artificial Intelligence with Machine Learning in Java	absent	NA	
52	Priyanka Ahuja	Java Foundations	62	Database Foundations	62
53	Priyanka Awatramani	Java Fundamentals	absent	Artificial Intelligence with Machine Learning in Java	absent
54	Reuben Thomas	Java Fundamentals	86	Java Foundations	84
55	Ria Dharmani	Programming with PL/SQL,	94	Artificial Intelligence with Machine Learning in Java	94
56	Rishabh Sah	APEX – Application Development Foundations	56	Artificial Intelligence with Machine Learning in Java	82
57	Sagar Sidhwa	Java Foundations	74	Java Programming,	62
58	Sahil Talreja	Java Programming,	98	Artificial Intelligence with Machine Learning in Java	94
59	Shriya Sawant	APEX – Application Development Foundations	66	Artificial Intelligence with Machine Learning in Java	90
60	Sneha Lalwani	Java Fundamentals,	84	Artificial Intelligence with Machine Learning in Java	78
61	Somesh Tiwari	Java Fundamentals	72	Java Programming,	absent

62	Sonia Thakur	Java Fundamentals,	98	Artificial Intelligence with Machine Learning in Java	98
63	Srivatsan Iyengar	Java Programming,	84	NA	
64	Suraj Gangwani	Java Fundamentals	absent	Java Programming,	absent
65	Vivek Choudhary	Java Programming,	76	NA	

Class : D12B

Sr. No.	Name of the Student	Course 1	Scores (%)	Course 2	Scores(%)
66	Aadarsh Ahuja	Java Programming	98	Database Foundations	76
67	Ajay Bathani	Java Programming	84	Database Design and Programming with SQL	96
68	Anish Adnani	Programming with PL/SQL	92	APEX – Application Development Foundations	70
69	Anjali Amin	Java Programming	84	NA	
70	Anjali Asrani	Database Design	88	Database Design and Programming with SQL	66
71	Chandni Panjabi	Java Programming	80		
72	Dhanashree Shetty	Database Design and Programming with SQL,	absent	Programming with PL/SQL	absent
73	Gulshan Kataria	Java Foundations	84	Database Design	76
74	Kunal Dongare	Java Programming	92	Database Design and Programming with SQL	absent
75	Manav Motwani	Java Programming	90	Database Design and Programming with SQL	80
76	Mohammed Kaif	Java Programming	98	Database Design	90

	Siddique				
77	Muskan Kewalramani	Java Programming	absent	NA	
78	Neelam Somai	Programming with PL/SQL	78	APEX – Application Development Foundations	absent
79	Sahil Motwani	Database Foundations,	absent	Database Design	86
80	Sanjana Narang	Java Programming	52	APEX – Application Development Foundations	34
81	Simran Galani	Java Programming	60	Database Design	34
82	Sneha Indulkar	Java Programming	86	Database Design	50
83	Sujitkumar Singh	Programming with PL/SQL	92	Artificial Intelligence with Machine Learning in Java	90
84	supriya patil	Database Design and Programming with SQL,	84	APEX – Application Development Foundations	70
85	Tina Chandwani	Programming with PL/SQL	88	APEX – Application Development Foundations	68

Class: D12C

Sr. No.	Name of the Student	Course 1	Scores (%)	Course 2	Scores(%)
86	Deepak Tejwani	Java Programming	64	APEX – Application Development Foundations	58
87	Tanvi Shinde	Java Foundations	88	Database Foundations	80
88	Aditya Srivastava	APEX –	60	Artificial	92

		Application Development Foundations		Intelligence with Machine Learning in Java	
89	Kanchan Shownkeen	Java Programming	68	Database Design and Programming with SQL	58
90	Sahil Talreja	Java Programming	60	Artificial Intelligence with Machine Learning in Java	58
91	Rohit Talwar	Programming with PL/SQL,	92	Artificial Intelligence with Machine Learning in Java	84

Oracle Exam 2019-20 (ODD SEM) Result:

Number of Students registered : 67

Total Certifications : 130

Class :D7A					
Sr. No.	Name	Course 1	Score (%)	Course 2	Score (%)
1	Nikhil Sunil Sewani	Java Fundamentals (90 Hrs.),	50	Java Foundations (90 Hrs.)	60
2	Paras gurnani	Java Programming (90 Hrs.),	54	Artificial Intelligence with Machine Learning in Java(40 Hrs)	70
3	Bhavika Nareshkumar Mulwani	Java Programming (90 Hrs.)	60	Artificial Intelligence with Machine Learning in Java(40 Hrs)	74
4	Aakash Vanjani	Java Programming (90 Hrs.)	50	Artificial Intelligence with Machine Learning in Java(40 Hrs)	62

5	Sameer Israni	Java Programming (90 Hrs.)	46	Artificial Intelligence with Machine Learning in Java(40 Hrs)	76
6	Divesh Hariani	Java Programming (90 Hrs.)	62	Artificial Intelligence with Machine Learning in Java(40 Hrs)	78
Class : D7B					
7	Lotya Sahil Chandu	Java Programming (90 Hrs.),	60	Database Foundations (90 Hrs.)	54
8	Prem Vinod Chhabria	Database Design and Programming with SQL (180 Hrs.)	70 48	Programming with PL/SQL (180 Hrs.)	48
9	Ochani Neeraj Narain	Java Fundamentals(90 Hrs.)	56	Java Programming (90 Hrs.)	56
10	Jay Jhaveri	Java Programming (90 Hrs.)	92	Artificial Intelligence with Machine Learning in Java(40 Hrs)	84
11	Parthesh Deepak Pawar	Java Programming (90 Hrs.),	74	Database Design and Programming with SQL (180 Hrs.)	50 46
12	Kedar Harishchandra Kharde	Database Design and Programming with SQL (180 Hrs.),	82 46	Programming with PL/SQL (180 Hrs.)	18
13	Gunjan Bhawsinghka	Java Foundations(90 Hrs.),	88	Database Foundations (90 Hrs.)	56
14	Prasad Govekar	Java Fundamentals(90 Hrs.)	72	Java Programming (90 Hrs.)	86

Class : D7C					
15	Dinesh Kannan	Java Fundamentals (90 Hrs.),	60	Java Programming (90 Hrs.)	46
16	Aditya Mohan	Java Foundations (90 Hrs.),	72	Java Programming (90 Hrs.)	70
17	Shivani kalpak kulkarni	Java Programming (90 Hrs.),	46	Database Design and Programming with SQL (180 Hrs.)	38
18	Harshita Kanal	Java Programming (90 Hrs.),	52	APEX – Application Development Foundations (90 Hrs.)	28
19	Anjali Hassani	Java Fundamentals(90 Hrs.),	54	Java Programming (90 Hrs.)	54
20	Simran Sunil Gurnani	Java Foundations(90 Hrs.)	44	NA	
Class : D12A					
21	Srivatsan Kannan Iyengar	Database Foundations (90 Hrs.),	68	Database Design and Programming with SQL (180 Hrs.)	72 70
22	Tiwari Somesh Vijay	Programming with PL/SQL (180 Hrs.),	30	Artificial Intelligence with Machine Learning in Java(40 Hrs)	70
23	Shravan Parameshwar Bhat	Database Design and Programming with SQL (180 Hrs.)	74 86	Artificial Intelligence with Machine Learning in Java(40 Hrs)	90
24	Mohit Raosaheb Thorat	Database Foundations (90 Hrs.),	82	Database Design and Programming with SQL (180 Hrs.)	72 64

25	Jaya tanwani	Java Programming (90 Hrs.),	58	Programming with PL/SQL (180 Hrs.)	38
26	Sagar Sidhwa	Database Design and Programming with SQL (180 Hrs.),	60 48	Artificial Intelligence with Machine Learning in Java(40 Hrs)	82
27	Nikhil Joshi	Database Foundations (90 Hrs.),	82	Database Design and Programming with SQL (180 Hrs.)	72 50
28	Aditya Rakesh Deopurkar	Database Design and Programming with SQL (180 Hrs.),	74 60	APEX – Application Development Foundations (90 Hrs.)	54
29	Krish Venkateshwaran Mahadevan	Database Foundations (90 Hrs.),	62	Database Design and Programming with SQL (180 Hrs.)	94 54
30	Sneha Lalwani	Database Foundations (90 Hrs.)	72	NA	
31	Devansh Ahuja	Java Programming (90 Hrs.)	64	APEX – Application Development Foundations (90 Hrs.)	46
32	Manasee Abhijeet Palsule	Java Programming (90 Hrs.),	54	Database Design and Programming with SQL (180 Hrs.)	75
33	Amay Lekhraj Chugh	Database Foundations (90 Hrs.),	58	Database Design and Programming with SQL (180 Hrs.)	86
34	Talreja Sahil Lakho	Database Design and Programming with SQL (180 Hrs.),	88 80	APEX – Application Development	56

				Foundations (90 Hrs.)	
35	Anish Ashish Vaidya	Database Foundations (90 Hrs.),	78	Artificial Intelligence with Machine Learning in Java(40 Hrs)	78
36	Chetas Shinde	Database Foundations (90 Hrs.)	82	Artificial Intelligence with Machine Learning in Java(40 Hrs)	80
37	Jatin Murlidhar Bhagchandani	APEX – Application Development Foundations (90 Hrs.)	56	Artificial Intelligence with Machine Learning in Java(40 Hrs)	90
38	Kalwani Divya Prakash	Java Programming (90 Hrs.)	68	APEX – Application Development Foundations (90 Hrs.)	62
39	Nikita Achhra	Java Programming (90 Hrs.)	68	APEX – Application Development Foundations (90 Hrs.)	40
40	Avinash Bhawnani	Java Programming (90 Hrs.)	40	APEX – Application Development Foundations (90 Hrs.)	38
41	Jayesh Samtani	Java Programming (90 Hrs.),	50	Artificial Intelligence with Machine Learning in Java(40 Hrs)	62
42	Reuben Thomas	Database Design and Programming with SQL (180 Hrs.)	58 54	Artificial Intelligence with Machine Learning in Java(40 Hrs)	92

43	Anupam Giri	Database Foundations (90 Hrs.)	56	Database Design and Programming with SQL (180 Hrs.)	54 36
44	Sahil Rajpal	Database Foundations (90 Hrs.)	62	Database Design and Programming with SQL (180 Hrs.)	72 52
45	Heer Kukreja	Database Design and Programming with SQL (180 Hrs.)	60	Artificial Intelligence with Machine Learning in Java(40 Hrs)	94
46	Varad Kshemkalyani	Database Foundations (90 Hrs.)	64	Database Design and Programming with SQL (180 Hrs.)	80 70
47	Vinit.P.Motwani	Database Design and Programming with SQL (180 Hrs.)	92 78	NA	
48	Pratik D Rane	Database Design and Programming with SQL (180 Hrs.),	88 86	APEX – Application Development Foundations (90 Hrs.)	70
Class : D12B					
49	Yash Mate	Java Fundamentals (90 Hrs.),	68	Database Foundations (90 Hrs.)	76
50	Anish Adnani	Database Foundations (90 Hrs.),	76	Artificial Intelligence with Machine Learning in Java(40 Hrs)	80
51	Supriya sambhaji patil	Java Programming (90 Hrs.)	60	Artificial Intelligence with Machine Learning in Java(40 Hrs)	64

52	Purva Kiran Badgajar	Database Design and Programming with SQL (180 Hrs.)	28 66	Artificial Intelligence with Machine Learning in Java(40 Hrs)	80
53	Anjali Amin	APEX – Application Development Foundations (90 Hrs.)	58	Artificial Intelligence with Machine Learning in Java(40 Hrs)	96
54	Pratiksha Gunwant Wadibhasme	Programming with PL/SQL (180 Hrs.)	42	Artificial Intelligence with Machine Learning in Java(40 Hrs)	80
55	Pragya Choudhary	Artificial Intelligence with Machine Learning in Java(40 Hrs)	66	NA	
56	Dhanashree Shetty	Java Programming (90 Hrs.)	94	Database Foundations (90 Hrs.)	78
57	ANMOL RAJU VASWANI	Java Programming (90 Hrs.),	50	Database Foundations (90 Hrs.)	56
58	Sujitkumar Singh	Database Design and Programming with SQL (180 Hrs.)	96 62	APEX – Application Development Foundations (90 Hrs.)	64
59	Tina Chandwani	Database Design and Programming with SQL (180 Hrs.)	94 74	APEX – Application Development Foundations (90 Hrs.)	56
60	Manav Deepak Motwani	Java Fundamentals(90Hrs)	68	Database Foundations (90 hrs.)	68
61	Pankaj Parwani	Java Programming (90 Hrs.),	46	APEX – Application Development	58

				Foundations (90 Hrs.)	
62	Sreevidya Iyer	Database Design and Programming with SQL (180 Hrs.)	86 50	Artificial Intelligence with Machine Learning in Java(40 Hrs)	94
63	Neelam Somai	Java Programming (90 Hrs.)	100	Database Foundations (90 Hrs.)	82
64	Vanshika Bhagchand Khanna	Java Programming (90 Hrs.),	64	Database Foundations (90 Hrs.)	70
Class:D12C					
65	Manish Sanjay Shinde	Java Fundamentals(90 Hrs.),	60	Java Programming (90 Hrs.)	56
66	Deepak Ashok Tejwani	Programming with PL/SQL (180 Hrs.), Artificial Intelligence with Machine Learning in Java(40 Hrs)	74	Artificial Intelligence with Machine Learning in Java(40 Hrs)	70
67	Aditya Srivastava	Java Programming (90 Hrs.),	76	Database Foundations (90 Hrs.)	74

2.2.4 Activities Conducted under Institute Innovation Cell (IIC):

Around 15 different activities have been conducted by IIC for faculties and students.

2.3 Tinkerers' Lab CMPN: Code Cell Activities

2.3.1 Session on 'Kick start with machine Learning':

The event was a seminar on 'Kickstart into ML' for second year students. It was conducted by Mr. Ali Mustafa Shaikh who is currently an Intel Software Innovator, Lead Ambassador IEEE Collabratec, Google Certified Educator level one and level two and organizer of Tensorflow UserGroup Mumbai . The event was organized by Codecell, the faculty coordinators were Richard J. and Priya R. L. and coordinated by Tina Chandwani and Sujitkumar Singh. The event was conducted on 26th February 2020 from 10:30 am to 1:30 pm. The total number of attendees were 91.



2.3.2 Google Cloud Study jams: Google cloud and Google assistant development workshop:

This event was conducted on 4th October 2019. Approximately 100 students participated. A Standalone project on Google actions was completed successfully. Fundamentals of Google Cloud (qwiklabs) were also thought. Different rewards were provided to participants.

Speakers : Divyansh Chaurasia (DSC lead), Akanksha Bhasin (DSC lead)

Code cell Activities motivated students to write technical papers. Paper by our students Gayatri Patil, Naren Khatwani is selected for presentation in All India Seminar on Green Energy Technologies for a Sustainable Environment at the Institute of Engineers(India), Pune Local Centre.

2.3.3 Syrus Hackathon 2020

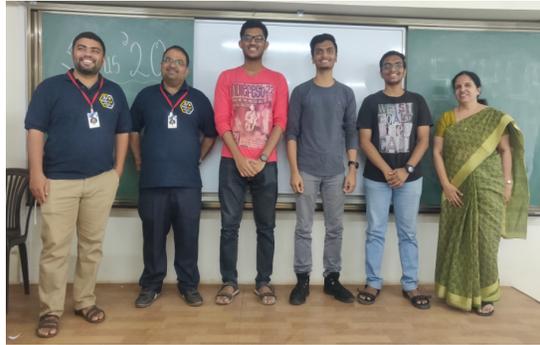
Syrus Hackathon 2020 was organized by the CodeCell Tinker's of Computer Department Vivekanand Education Society's Institute of Technology (VESIT) for Computer Department students. It was a 34 hrs online hackathon conducted on 5th March 2020 to 6th March 2020. It was sponsored by GitHub. Our alumni MR. Sanjay Udasi , Mr. Avinash Dangwani, VES Polytechnic judged the competition. Top three teams were felicitated by our judges.



Conduction of Syrus Hachathon 2020



Winner, Syrus Kackathon 2020



Runner Up, Syrus Hackathon 2020



3rd Prize, Syrus Hackathon 2020

2.3.4 WeTech Ideathon 2020

WeTech Ideathon 2020 was organized by the CodeCell Tinker's of Computer Department Vivekanand Education Society's Institute of Technology (VESIT) in association with the Women's Development Cell (WDC) only for girl students. The Grand Finale was conducted on 11th March 2020 at 1:00 PM. It was sponsored by GitHub. Top three teams were awarded with cash prizes. Best innovation was awarded with goodies. We were honored to have our own alumni as judges for this event.



All the events were successfully coordinated by Mr.Prashant Kanade (CodeCell Incharge) along with faculty coordinator Mr.Richard Joseph and Mrs. Priya R. L. under the guidance of Dr. Mrs. Nupur Giri (HOD, Dept. of CMPN) with the help of Codecell Senior and Junior Committee members.

2.3.5 Online workshops during lockdown in association with 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
Tinker's from Computer Department VESIT

Computer Engineering Department

Free For All !

CodeCell
(Tinkerer's of Computer Engineering Department)
in Association with
Institution's Innovation Cell (IIC)
presents

Online Workshops during Lockdown (21st - 30th April 2020)

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

<http://tiny.cc/codecell-register>
[@Codecell_cmpn](http://tiny.cc/codecell)
[@codecell_vesit](http://tiny.cc/codecell)
Amit Chhabria : +91 90826 10309

2.4 Project Innovations / Project Competition

2.4.1 Deep Blue Season 5 (Total 01):

Sr no	Project Title	Name	Class	Achievement
1	Measure Visual Acuity	Singh Navjyot Kamaljeet	D17A	Semi Finalist
		Kshirsagar Smruti Shrikant	D17A	
		Kumbhar Kasturi	D17A	



Deep Blue Season5 -Semi Finalist

2.4.2 Eyantra Projects : (Total 02) , Totaal prize : Rs. 10,000/

Sr. No.	Project Title	Name of Student	Mentor	Achievement
1.	Forest Fire Prediction using Machine Learning and IoT devices	Tarun Dadlani Ashutosh Matai Pranjali Tembhurnikar Richa Kalani	Mrs. Vidya Zope	Regional Finalist (PRIZE : Rs. 5000/-)
2	AI and IoT enable gloves for home automation for Disabled and Elderly	Navjyot Singh Srushti Sachdev Smruti Kshirsagar Anushka Tiwari	Mrs. Sunita Sahu	Regional Finalist (PRIZE : Rs. 5000/-) Shortlisted for National Finale



AI and IoT enable gloves for home automation for Disabled and Elderly



Forest Fire Prediction using Machine Learning and IoT devices

2.4.3 India Innovation Challenge Design Contest 2019(IICDC 2019) : (Total 02)

Sr. No.	Project Title	Name of Students	Mentor	Achievement
1	Health -O -Meter	Anish Vaidya (D12A) Chetas Shinde (D12A) Mohit Thorat (D12A) Vinit Motwani (D12A) Sahil Talreja (D12A) Shravan Bhat (D12A)	Mrs. Priya R. L.	Qualified for Semi-Finals Kit worth \$100 USD
2	VoteBlock	Rishabh Sah (D12A) Pratik Rane (D12A) Purav Rathod (D12A) Anuj Yadav (D12A)	Mrs. Lifna C. S.	Qualified for Semi-Finals

2.4.5 Smart India Hackthon 2020 : 3 teams

3 Teams from Computer Department are shortlisted teams from Computer Department

Sr. No.	Team Name	Team Leader	PS ID	Problem Statement Title
1	A2M	Ankush Shetty/TE/CMPN/	DS164	Development of App to capture the field patrolling track of frontline staff in their forest beat jurisdiction
2	Brute Force	Gayatri Patil/TE/CMPN	MS338	Converting handwritten documents as scanned images or photos (in any format) to legible text document using AI extracting important and critical information into the database.
3	Spark	Stevart Lobo/BE/CMPN	BK226	Design of alarm management and analytics

2.5 Industry projects (Total 07) :

Sr. No.	Name of the Industry	Title of the Project	Name of Students	Resource Person	Mentor
1	T. N. M. C. & B. Y. L Nair CH Hospital, Mumbai	AI for Accessibility: Detection of Dyscalculia using ML version 2.0	Kalpesh Bhole Tanishqa Shetty Tamanna Saini Anuraj Bhosale	Dr. Alka Subramanyam, Dr. Swati Shelke	Dr. Nupur Giri

2	Cere Labs Private Limited	Extraction and Analysis of information from Ophthalmic Image reports	Shreyas Talole Aditya Shinde Atharva Bapat	Dr. Deepak Bhat, Mr. D. Rajadhyax (CEO, CereLabs)	Dr. Nupur Giri, Prof. Sharmila Sengupta
3	T. N. M. C. & B. Y. L Nair CH Hospital, Mumbai	AIDD : Empowering ADHD	Jatin Bhagchandani Jayesh Samtani Manasee Palsule Sneha Lalwani	Dr. Alka Subramanyam, Dr. Swati Shelke	Prof. Sharmila Sengupta
4	NAB, Worli	VENAB - Currency Detection for Blind	Dhaval Bagal, Amey Pimple, Rahul Devadiga, Shreya Patil	Mr. Suhas Karnik	Dr. Nupur Giri, Prof. Sharmila Sengupta
5	Cerlabs	AI Based Contract Paper Analysis	Chinmay Patil, Sushnt Patil, Dhiraj Chavan, Komal Nimbalkar	Mr. D. Rajadhyax	Dr. Nupur Giri, Prof. Sharmila Sengupta
6	PBMA's H. V. Desai Eye Hospital	Detection of eye Tumour and it's response to treatment	Piyusha Bauskar Pallavi Brahmapurkar Omkar Morogiri Gauri Sagane	Dr. Kuldeep Dole	Prof. Priya R. L.
7	Pragyan Instruments Pvt.Ltd	Researchers Hub	Aksah Magdum, Hritvik Pawar, Saurav Ubrahande	Mr. Prashant Sahu	Prof. Sunita Sahu

2.6 Co-curricular Activities

2.6.1 Participation in Inter College Competition (Total Events :11)

Sr. No.	Event Name	Date	Venue	Class	Student's Name	Achievements / Participant
1	Buoyanci Innovation Challenge - AI for HealthCare	5th Aug - 14th Oct	online	D17-C	Stevart lobo Ishma Amin Meenakshi Agarwal Aditya Mane	Winners
2	Buoyanci Innovation Challenge	5th Aug - 14th Oct	Online	D17A	Bhavesh Raisinghani Ushan Motwani Sanyam Jain	Participant
3	Buoyanci Innovation Challenge	5th Aug - 14th Oct	Online	D17A D17C	Ketaki Buwa P.V. Seshadri Faizanshah Ansari Abhishek Kalgutkar	Participant
4	Alegria(English Debate)	4th February 2020	Pillai College of Engineering	D7B	Pratik Chainani	Participant
5	DMCE Hackathon	24-25 Jan 2020	Datta Meghe College of Engineering, Airoli	D12A	Nikhil Joshi Srivatsan Iyengar Sahil Rajpal Krish Mahadevan	Participant
6	E-yantra idea Competition (eYIC)	Ongoing	IIT-Bombay	D17A	Navjyot Singh Srushti Sachdev Smruti Kshirsagar	Regional Finalist (Ongoing competition)

					Anushka Tiwari)	
7	KPMG Ideathon Challenge	23 January 2020	SIBM Bengaluru	D12B	Parth Kingrani Tanishqa Shetty Yash Mate	National Level Semi Finalists
8	Deep Blue	Ongoing	Mumbai	D17A	Navjyot Singh, Smruti Kshirsagar, Kasturi Kumbhar	Semifinalist
9	IICDC 2019	Jan 2 2020	Online	D12A/B	Pratiksha Wadibhasme, Anjali Amin, Sreevidya Iyer, Dhanashree Shetty, Ria Dharmani, Archana Bhatia	Quarter Finalists
10	AI For Earth Grant	25th November 2019 (ongoing)	Microsoft	D17-C	Stevart Lobo, Meenakshi Agarwal, Ishma Amin, Rahul, Gurnani	Grant Recipients
11	Alegria (Hackathon)	3rd February 2020	Pillai College of Engineering	D7B D7A	Sahil Lotya(D7B) Paras Gurnani Divesh Haryani	Participants

2.6.2 Participation in Intra College Events:

A) Professional Society's Activities :

IEEE Events : 2019 - 20			
Event Name	Date of Event	Total Participants	Winners
Cloud Computing workshop	24/02/2020	25	Participants
Model United Nations	12/02/2020 and 13/02/2020	4	Participants
Galactic Showdown	7/02/2020 and 8/02/2020	25	Roshan Devadiga D17C
Android Workshop 2.0	28/02/2020 and 29/02/2020	39	Participants
Android Workshop 1.0	10/02/2020 and 11/02/2020	37	Participants
Quizzard	16/01/2020	30	Ajay Gupta D7C
Clash Of Conquerors	21/02/2020 and 22/02/2020	33	Dishank Poddar
			Sanika Chavhan
			Raghav Heda
Technical Paper Seminar	4/2/2020	21	Participants

Women In Engineering	5/10/2020	5	Participants
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ISTE Events : 2019 - 20				
Name of event	Date	Participation count (CMPN)	Winners / Awards	Place
Technical debate (Battle of minds)	23/09/2019	6	Salonee Velonde(D7B)	1st
Making instagram clone workshop	25/09/2019 and 26/09/2019	13	-	Participants
Dalal street	28/09/2019	81	-	Participants
Notice the unnoticed	20/01/2020 to 25/01/2020	114	Jay Dulera(D7C)	3rd(SE)
Artificial intelligence (ML workshop)	22/01/2020 and 23/01/2020	2	-	Participants
Battle of the fandoms	30/01/2020 and 31/01/2020	34	Sejal Budhani(D7A)	2nd
			Puneet Meghrajani(D7A)	2nd
			Kabir Rajpal(D7A)	2nd
Web scraping workshop		2	No winners	Participants

Techtrix	05/02/2020 and 06/02/2020	40	Karan Khatwani(D17B)	1st (BE/TE)
			Dhiren Chotwani(D17B)	2nd (BE/TE)
			Piyush Lund(D17A)	2nd (BE/TE)
			Varun Jethanandani(D17A)	2nd (BE/TE)
			Rohan Ghosalkar(D7C)	1st (SE)
			Khushi Makhijani(D7C)	1st (SE)
			Jay Dulera(D7C)	1st (SE)
Ode to code	23/02/2020 and 24/02/2020	23	Priya Karsi(D12A)	1st (TE)
			Devansh Ahuja(D12A)	1st (TE)
			Anshul Bahrani(D12A)	1st (TE)
			Pooja Koshti	2nd (SE)
			Arya Paryani	2nd (SE)

2.7 Extra Curricular Activities:



Cricket Team

Winner, Sphurt i2020

Sejal Mandora, Akanksha Mittal,
Muskan Raisinghani, Trupti Kamat,
Piyusha Bauskar, Padmaja Borwankar,
Nidhi Berde (D17B)



Futsal Team

Runner up, Sphurt 2020

Austin Coutinho-D17A, Sanket
Gokhale-D17B, Rishil Kritikar-D17B,
Vignesh Verma-D17B, Sladyn Nunes-D17B,
Jay Rajput-D17B



Girls Carrom team

Winners, Sphurt 2020

Muskan Raisinghani-D17B , Manali Gupta-
D17A, Sejal Mandora -D17B, Padmaja
Borwankar-D17A, Anushree Bane-D17A



Girls Chess team

Winners, Sphurt 2020

Amruta parab-D17B, Srushti Sachdev-D17A
, Smruti Kshirsagar-D17A

2.8 Alumni Interaction:

Alumni Day:

The annual VESIT Alumni Day 2019 was organized on Saturday, 21st December 2019 at Sindhi Society Gymkhana. The day also marked the Silver Jubilee celebrations for Batch 1994. The function began with the introduction of Alumni members by the President , Shri Vijay Talreja. The function was presided over by Trustees Shri. B.L. Boolani, Dr. Lulla, Advocate Shri. Kannan, Vice Principal - Dr. Mrs. Vijaylakshmi, VESIT Alumni Committee members, Heads of Departments, Deputy Heads of Departments and the Placement Incharges. There were around 100 alumni registrations. The unveiling of "WAVES" magazine was done by Trustee Shri. Boolani sir and all Alumni members of 1994 batch.



2.9 Convocation Ceremony :

Convocation ceremony was held for Computer Department students for batch of 2015-2018 on 02/02/2020. Guest of Honor was Mr. Vijay Shah from 1996 batch.



2.10 Internships (Total : 27+44 =71)**Industry Internships (Total:27)**

Sr. No	Name of The Student	Company Name	Date From	Date To
1	Pratheek Menon	Telenetworks Technologies Pvt Ltd	2-Dec-19	20-Dec-19
2	Aditya Raute	Apli.Ai	10-Dec-19	10-Mar-20
3	Hrushabhsingh Chouhan	MITU Skillologies	9-Dec-19	3-Jan-20
4	Sujitkumar Singh	Cerelabs	2-Dec-19	3-Jan-20
5	Chirag wadhwa	Jmd infotech	1-Dec-19	1-Jun-20
6	Prem Vinod Chhabria	Dalvik Apps and Wecan Education	10-Dec-19	31-Dec-19
7	Hrithik Malvani	Dezignolics Web and Software Company	11-Dec-19	27-Dec-19
8	Sahil Rajpal	Studyleague IT	13-Jun-19	5-Jul-19
9	Ria Dharmani	Apponext Consultancy Services	6-Dec-18	21-Jan-20
10	Neeraj Ochani	Dalvik Apps and Wecan Education	10-Dec-19	31-Dec-19
11	Jaya Tanwani	Plootus	6-Nov-19	29-Feb-20
12	Janhvi R Patil	Dezignolics Web and Software Company	11-Dec-19	27-Dec-19
13	Jay Dulera	L&T EAIC	4-Dec-19	3-Jan-20
14	Ayush Raj Singh	Techlink Infoware Pvt. Ltd.	27-Nov-19	31-Dec-19

15	Arnav Samir Bagchi	Bharat Petroleum Corporation Limited	17-Dec-19	31-Jan-20
16	Lotya Sahil Chandu	Dalvik Apps and Wecan Education	10-Dec-19	31-Dec-19
17	PRASAD GOVEKAR	Dalvik Apps and Wecan Education	10-Dec-19	31-Dec-19
18	Abhay Gupta	Dalvik Apps and Wecan Education	10-Dec-19	31-Dec-19
19	Rahul Koli	Dalvik Apps & WeCanEducation	10-Dec-19	31-Jan-20
20	Mayank Motwani	Vistra	2-Dec-19	31-Dec-19
21	Naren Khatwani	GPX India Pvt Ltd	9-Dec-19	24-Jan-20
22	Swarangi Dali	Amrut software private limited	15-Dec-19	15-Jan-20
23	Puneet Thawani	Netmagic Solutions Private Limited	2-Dec-19	31-Dec-19
24	Aishwarya	Dezignolics Web and Software Company	11-Dec-19	26-Dec-19
25	Puja Mahtani	Zest Smart Solutions Private Limited	2-Aug-19	2-Dec-19
26	Reuben Thomas	TeleNetworks Technologies Pvt Ltd	2-Dec-19	20-Dec-19
27	Tina Chandwani	Cerelabs	2-Dec-19	3-Jan-20

Internships at VESIT (Total :44)

Sr. No.	Name of The Student	Company Name	Date From	Date To
1	Srivatsan Kannan Iyengar	VESIT	28-Nov-19	2-Jan-20
2	Nikhil Joshi	VESIT	28-Nov-19	2-Jan-20
3	Hritwik Sushil Ekade	VESIT	28-Nov-19	2-Jan-20
4	Talreja Sahil Lakho	VESIT	28-Nov-19	2-Jan-20
5	Atharva Deshmukh	VESIT	7-Dec-19	7-Jan-20
6	Rishabh sah	VESIT	2-Dec-19	6-Jan-20
7	Manav Motwani	VESIT	28-Nov-19	27-Dec-19
8	SONIA ASHOK THAKUR	VESIT	2-Dec-19	6-Jan-20
9	Sagar Sidhwa	VESIT	28-Nov-19	2-Jan-20
10	Tiwari Somesh Vijay	VESIT	28-Nov-19	2-Jan-20
11	Sharv Bhanudas Dumbre	VESIT	28-Nov-19	2-Jan-20
12	Pooja Arun Koshti	VESIT	2-Dec-19	7-Jan-20
13	Pratiksha Wadibhasme	VESIT	2-Dec-19	7-Jan-20
14	Sreevidya Iyer	VESIT	2-Dec-19	6-Jan-20
15	Shravan Bhat	VESIT	27-Nov-19	2-Jan-20
16	Aditya Rakesh Deopurkar	VESIT	27-Nov-19	2-Jan-20
17	Chandni Panjabi	VESIT	28-Nov-19	4-Jan-20
18	Vinit.P.Motwani	VESIT	27-Nov-20	2-Jan-20
19	Dhwani Serai	VESIT	26-Nov-19	3-Jan-20
20	M.Krish Venkateshwaran	VESIT	28-Nov-19	2-Jan-20

21	Priya Gangwani	VESIT	27-Dec-19	2-Jan-20
22	Jatin Chhabria	VESIT	27-Nov-19	31-Dec-19
23	Harshita Kanal	VESIT	27-Nov-19	2-Jan-20
24	Sahil Motwani	VESIT	28-Nov-19	27-Dec-19
25	Tanish Santosh Sahijwani	VESIT	27-Nov-19	2-Jan-20
26	Ajay Singh Khalsa	VESIT	28-Nov-19	4-Jan-20
27	Shreyas Shamkant Kotkar	VESIT	28-Nov-19	1-Jan-20
28	Pragya Choudhary	VESIT	2-Dec-19	4-Jan-20
29	Chetas Shinde	VESIT	27-Nov-19	2-Jan-20
30	Pratik Dilip Rane	VESIT	28-Nov-19	2-Jan-20
31	Mohit Thorat	VESIT	27-Nov-19	2-Jan-20
32	Atharva Date	VESIT	29-Nov-19	2-Jan-20
33	Manasee Palsule	VESIT	29-Nov-19	30-Dec-19
34	Arya Paryani	VESIT	29-Nov-19	30-Dec-19
35	Sneha Lalwani	VESIT	28-Nov-20	31-Dec-20
36	Mohini Bhave	VESIT	29-Nov-19	2-Jan-20
37	Amay Lekhraj Chugh	VESIT	28-Nov-19	30-Dec-19
38	Heer Kukreja	VESIT	28-Nov-19	30-Dec-19
39	Mohit khiani	VESIT	28-Nov-19	2-Jan-20
40	Parth Mangtani	VESIT	27-Nov-19	2-Jan-20
41	Archana Bhatia	VESIT	28-Nov-19	2-Jan-20
42	Rohit Vinod	VESIT	27-Nov-20	2-Jan-20

43	Sanjana Ahuja	VESIT	29-Nov-19	2-Jan-20
44	Rahul Ramrakhiani	VESIT	29-Nov-19	2-Jan-20

2.11 Scholarships Applied / Received: Rs. 2,70,000 approximately

Around **35** students have applied for the following scholarships - 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, Shri RG Keswani Scholarship Scholarships. Of which **19 students** have received Scholarship which is **Rs. 2,70,000** approximately

Sr. No	Name of the Student	Class	Scholarship Organization	Scholarship Amount
1	Disha Haresh Rajani	D17B	Suman Tulsiani Scholarship	7000/-
2	Sayali Santosh Panchal	D17B	Suman Tulsiani Scholarship	7000/-
3	Shilpa Vaish	D17B	Suman Tulsiani Scholarship	7000/-
4	Ushan Motwani	D17A	Suman Tulsiani Scholarship	7000/-
5	Yogita Dilip Jethani	D17A	Suman Tulsiani Scholarship	7000/-
6	Anjali Anand Hassani	D7C	Suman Tulsiani Scholarship	7000/-
7	Rashmi Rajkumar Manwani	D7C	Suman Tulsiani Scholarship	7000/-
8	Riya Dinesh Matwani	D7A	Suman Tulsiani Scholarship	7000/-
9	Saurabh Kailash Lalwani	D7A	Suman Tulsiani Scholarship	7000/-

10	Ajay Lakhmichand Bathani.	D7A	Suman Tulsiani Scholarship	7000/-
11	Deepak Tejwani	D7B	Suman Tulsiani Scholarship	7000/-
12	Kuldeepsingh Jagdishsingh Khalsa	D7B	Suman Tulsiani Scholarship	7000/-
13	Sagar Naresh Sidhwa	D12A	Suman Tulsiani Scholarship	7000/-
14	Vignesh Verma	D17B	Navy Scholarship	~10000/-
15	Pundalik F	D17A	VES Shreshthta Award	10000/-
16	Dhanashree Shetty	D12B	Ohm Jyoti Scholarship	~100000/-
17	Mohit Khiani	D12A	SBI Scholarship	10000/-
18	Dhanashree Shetty	D12B	Shri RG Keswani Scholarship	~5000/-
19	Vaswani Girish Pritam	D7B	Jhadavpur University	10000/-

2.12 Other Achievements (Total 06):

1. **Dr. Gresha Bhatia, Mrs. Abha Tewari, Grishma Gurbani, Sanket Gokhale, Naman Varyomalani, Rishil Kirtikar, Yogita Bhatia, Shefali Athavale** received 'First position in Track 2- Big Data Management award' 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.



2. **Naren Khatwani (D12B), Gayatri Patil (D12B)** have received **Best paper award** for the paper titled "Prediction of Structural Integrity of residential and Commercial Buildings" during all India Seminar on "Green Energy Technologies for Sustainable Environments as a part of annual Technical Paper Meet 2019 held during Oct 19-20 2019, Institution of Engineers, Pune Local Chapter.



3. **Kapil Ramrakhiani, Muskan Khatri, Disha Rohra, Saloni Punjabi, Mrs. Abha Tewari** have 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 2020.



4. **Sanika Sanaye(D12C)** received **first prize** of Rs. 15,000/- i Young Writers Contest 2019 at VESIM Literati 2020.



5. **Aditya Raute** received **second prize** of Rs. 10,000/- in Young Writers Contest 2019 at VESIM Literati 2020.



6. **Nidhi Berde** student of BE Computer Engg is appointed as the **Coach(woman) of the Maharashtra team** for National Mallakhamb Championships which was planned to be held in S.Ch.B.R.M/D.N.R. college ,Bhimavaram , Andhra Pradesh, from 19th March to 23rd March 2020.

To
The Head of Department,
Department of Computer Engineering,
VESIT, Mumbai 400071

Subject: Appointment of Ms. Nidhi Berde as a Team Coach (Women) for the Junior and Senior – National Mallakhamb Championships, 2019-20.

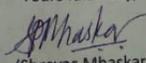
Respected Madam,

The 32nd Junior and Senior (Boys and Girls) **National Mallakhamb Championships** will be held the **S.Ch.B.R.M. High School/ D. N. R. College, Bhimavaram, Andhra Pradesh, from 19th to 23rd March 2020.**

We are happy to inform you that Ms. Nidhi Berde, student of B. E (Computer Engineering) is appointed as the Coach (Women) of the Maharashtra team for this competition. Ms. Nidhi is a senior coach in the field of Mallakhamb and her expertise in the sport will be help in enhancing the performance of the team during the competitions.

I thereby request you to grant her the leave for the said period and oblige.

Thanking you in anticipation

Yours faithfully,

(Shreyas Mhaskar)
Secretary