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



Academic Year 2017-18 (Odd Semester) Department Report as on 28/10/2017

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



Academic Year 2017-18 (Odd Semester)

Department Report as on 28/10/2017

Various activities conducted in the Department of Computer Engineering in the Odd Semester of the academic year 2017-18 have been categorized as mentioned below:

1. Faculty Contributions

1.1. Courses Conducted for Faculty

1.1.1. Short Term Training Program (Total: 01)

Sr.	Conducted by	Course Description	Organized by	Date	Number
No.					of days
1	Anjali Yeole	STTP on IOT	Thadomal Shahani College	3 rd June 2017	05 day

1.1.2. Orientation Program

Sr. No.	Conducted by	Course Description	Organized by	Date	Number of days
1	Mrs. Sujata Khedkar	Orientation of Discrete Mathematics	Shah & Anchor College of Engineering	21st July 2017	1 day
2	Dr . Mrs.Gresha Bhatia	Orientation of DLDA	VESIT	19 th July 2017	1 day
3	Mrs. Sharmila Sengupta	Orientation of DLDA & ECCF	VESIT	19 th July 2017	1 day

1.2. Workshop/Courses Conducted by Faculties (Total: 02)

Sr.	Conducted by	Course Description	Organized	Date	Number
No.			by		of days
1	Mrs. Sujata Khedkar	Cloudera Academic Training for Apache Hadoop and Spark	VESIT, Chembur	Semester	Semester
2	Mrs. Sharmila Sengupta	Keynote Speaker and talk at STTP on " Practical approaches in Wireless communication'	3	29th May- 02 June 2017	5 days

1.3. Courses Attended by Faculty (Total: 22)

Sr.	Attended by	Course Description	Organized by	Date	Number
No.					of Days
1	Mrs. Vidya Zope	Orientation of Java	K.C. College of Engineering	13 th July 2017	1 day
2	Mrs. Indu Dokare	Orientation of DLDA	VESIT	19 th July 2017	1 day
3	Mrs. Indu Dokare	Orientation of ECCF	VESIT	19 th July 2017	1 day
4	Mrs. Priya R L	One day Hands on workshop on Python	IIT Bombay and CSI	29 th August 2017	1 day
5	Mrs. Lifna C S	Orientation of Data Structures	VIT	20th July, 2017	1 day
6	Mrs. Lifna C S	Orientation of Discrete Mathematics	Shah & Anchor College of Engineering	21st July 2017	1 day
7	Mrs. Lifna C S	One day Hands on workshop on Python	IIT Bombay and CSI	29 th August 2017	1 day
8	Mrs. Abha Tewari	Orientation of Discrete Mathematics	Shah & Anchor College of Engineering	21 st July 2017	1 day

9	Mrs. Abha Tewari	Orientation of Java	K.C. College of Engineering	13 th July 2017	1 day
10	Mrs. Pooja Nagdev	Orientation of Java	K.C. College of Engineering	13 th July 2017	1 day
11	Mrs. Arthi C.I.	One day Hands on workshop on Python	IIT Bombay and CSI	29 th August 2017	1 day
12	Mrs. Arthi C.I.	Orientation of Java	K.C. College of Engineering	13 th July 2017	1 day
13	Mr. Richard Joseph	One day Hands on workshop on Python	IIT Bombay and CSI	29 th August 2017	1 day
14	Mrs. Yugchhaya Dhote	Orientation of Data Structures	VIT	20th July, 2017	1 day
15	Ms. Sonali Bapte	Orientation of DLDA	VESIT	19 th July 2017	1 day
16	Ms. Sonali Bapte	Orientation of ECCF	VESIT	19 th July 2017	1 day
17	Ms. Mukesh Yadav	One day Hands on workshop on Python	IIT Bombay and CSI	29 th August 2017	1 day
18	Ms. Apurva Chaudhari	Seminar on "Emerging Technologies in IT as a Software Tester" and Hands-on Workshop on Selenium IDE	VESIT	21st August 2017	1 day
19	Ms. Ronica Raj	Seminar on "Emerging Technologies in IT as a Software Tester" and Hands-on Workshop on Selenium IDE	VESIT	21st August 2017	1 day
20	Ms. Ankita Chaudhari	Seminar on "Emerging Technologies in IT as a Software Tester" and Hands-on Workshop on Selenium IDE	VESIT	21 st August 2017	1 day
21	Ms. Sayali Baxi	One day Hands on workshop on Python	IIT Bombay and CSI	29 th August 2017	1 day
22	CMPN Faculties	STTP on " Role of Mathematics in Engineering "	VESIT	3rd - 8th July 2017	6 days

1.4. Skill Development Activities

1.4.1. Skill Enhancement Lectures (SEL) (Total: 07)

1) Software Defined Network" by Mr. Gaurav Sharma, PCE, on 24th August 2017 for final year students for the subject "Network Threats and Attacks Laboratory".



2) "Salesforce" by Mr. Manu Mahajan, IT Analyst, TCS on 4th August 2017 for third year students for the subject "Structured and Object Oriented Analysis and Design".



- 3) "SAP Technicals" by Mr. Juheb Nadaf, Senior SAP Consultant, TCS on 8th August 2017 for Final Year Students for the subject "Artificial Intelligence".
- 4) "Adaptive Learning, Learning Technology, Data Science and Education Data Mining" by Mr. Mike Seiler, Director Learning Technology, Cengage Learning, on 13th August 2017 for final year students for the subject "Soft Computing".



- 5) "Information Security and Cyber Security" by Mr. R. S. Mundada, Ex. Associate Director E&I Group, Head of Computer Division, BARC, on 6th August 2017 for final year students for the subject "Cryptography and System Security".
- 6) "Laravel framework" by Mr.Sanket Patel, Administrative Head, Haplotech IT Solutions, on 28th September 2017 For 3rd year students for the subject "Web Technology".



7) "Applets,GUI and JDBC Connectivity", by Mrs.Amruta Kulkarni, Business Risk Specialist, (JP Morgan Chase & Co.) Purva Joshi, Senior Software Developer, (Sybase Pvt.Ltd.) on 7th October 2017, For 2nd year students for the subject "OOPM".



1.4.2. **NPTEL** (Total: 03)



1.5. Research Forum Activities

1.5.1. Expert Talks (Total : 02)

Sr. No.	Title of Event	Resource Person	Date
1	IIoT/IoT	Mrs. Varsha Khade from BPCL Refinery	29th July 2017
2	Information &	Mr. R S Mundada, Ex. Associative Director	7th August 2017
	Cyber Security	E&I Group & Head, Computer Division,	
		BARC	

1.5.2. Minor Research Grant Proposals (Total: 16 Applied)

Sr No.	Name of Faculty	Title of Project	Research Domain
1	Dr. (Mrs.) Gresha Bhatia	Electricity Consumption and Home Automation	ІоТ
2	Mrs. Sharmila Sengupta	e-Classroom	Web Programming and IoT
3	Mrs. Sujata Khedkar	Cardiac MRI segmentation using Deep Learning	Data Science and Machine Learning
4	Mrs. Anjali Yeole	Pandora's Box : A Smart Vault	Network Security
5	Mrs. Manisha Gahirwal	UNCLOG: Societal Impact, A Swachh Bharat Initiative	Data Science
	Mrs. Manisha Gahirwal	Determine the depression quotient and the suicidal behavior using machine learning techniques	Data Science and Machine Learning
6	Mrs. Indu Dokare	LuCAR : Luggage Carrying Automation Robot	ІоТ
7	Mrs. Vidya Zope	Inactive Account Holder	Network Security
	Mrs. Vidya Zope	Analysis of Twitter reaction to government policies	Data Science and Machine Learning

8	Mrs. Priya R L	Home Automation for Physically challenged and elderly people	ІоТ
9	Mrs. Abha Tewari	Smart Agriculture	IoT, Data Science and Machine Learning
10	Mrs. Arthi C.I	Health Prediction System for Teachers Using Semantic Techniques	Data Science and Machine Learning
11	Mrs. Sunita Sahu	Smart Card based EHR system	ІоТ
12	Mr. Richard Joseph	Speed Regulating mechanism for Road Safety	IoT, Data Science and Machine Learning
13	Mrs. Pooja Nagdev	Automatic Traffic control System	IoT, Data Science and Machine Learning
14	Mrs. Snehal Mane	Navigation device for Blind people	IoT, Data Science and Machine Learning
15	Mrs. Poonam Gholap	Dynamic current bandwidth capacity calculation for existing AODV to accommodate more real time traffic	Network
16	Mrs. Sayali Baxi	QR and Social Media based eMedi Application	Web Development

1.5.3. Research Paper Published (Total: 02)

Sr.	Title of Event	Faculty Name	Type	Name of	Date
No				Journal	
•				Conference	
1	"En-SPDP: Enhanced Secure	Dr. Nupur Giri	International	Springer	17th August
	Pool Delivery Protocol" for		Journal		2017
	Food Delivery System				
2	Optimized Rescue System for	Mr. Richard	International	IEEE	19th - 20th
	Accidents and Emergencies	Joseph	Conference		October 2017

1.6. Industry Interaction (Total: 02)

1. Dr.(Mrs.)Nupur Giri, Mrs.Priya R.L and Prof.Prashant kanade visited Medialab Asia, ABM Knowledgeware, CSI Head Office, on 6-7th Oct 2017



2. Mr. Richard Joseph, Mrs. Arthi C. I., Mrs. Sunita Suralkar and Mrs. Mukesh Yadav visited FundTonic Sevrice Pvt Ltd, on 14th Oct 2 2017 and had a session on "IBM Bluemix and kubernetes





1.7. Paper Setting of UG and PG Courses

Dr.Gresha Bhatia has set papers of B.Tech and MBA.Tech for Mukesh Patel Institute, Mumbai, 24th Oct 2017.

Total number of faculties: 1

Total number of subjects: 2

Sr. No.	Name of the Faculty	Discipline	Course Name	College / University
1	Dr. Gresha Bhatia	MBA Tech Program	Data Warehousing and Mining	Mukesh Patel, NMIMS
		BTech Program		

2. Student Portfolio

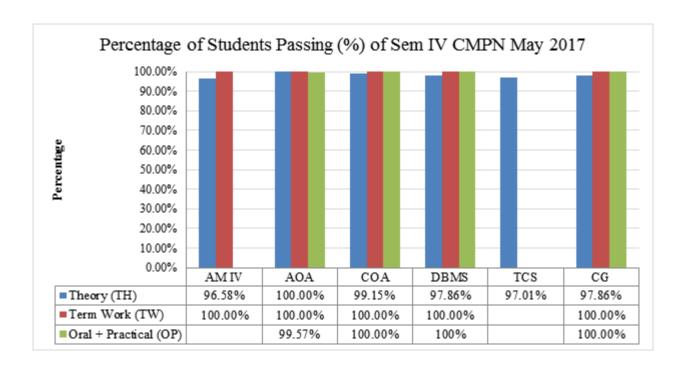
2.1. Student Achievements

2.1.1. Academic Excellence

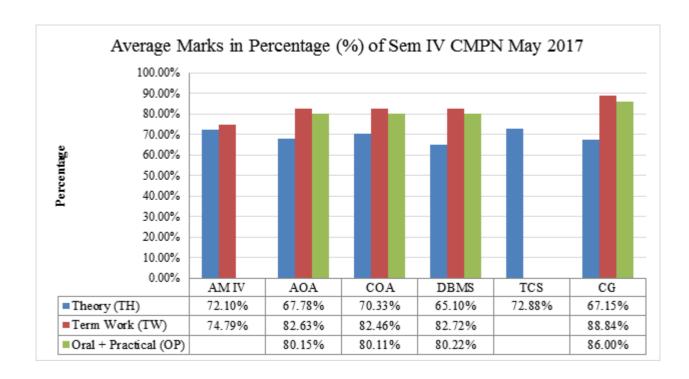
Statistical graphs illustrating the Semester Wise Result Analysis for the academic year 2016-17 (Even Sem) of Second Year (S.E.), Third Year (T.E.) and Final Year (B.E.):

The following graphs show the pass/fail counts and end semester performance of students for Semester IV to VIII

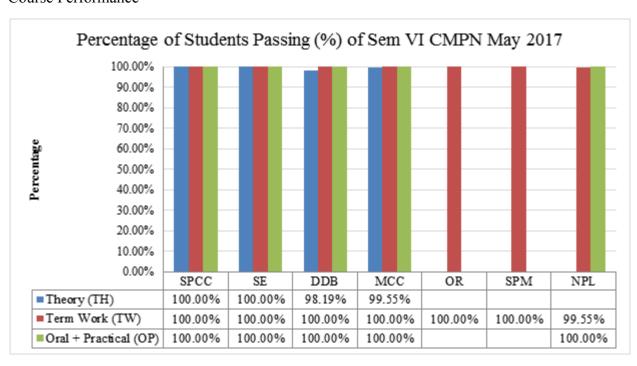
Course Performance



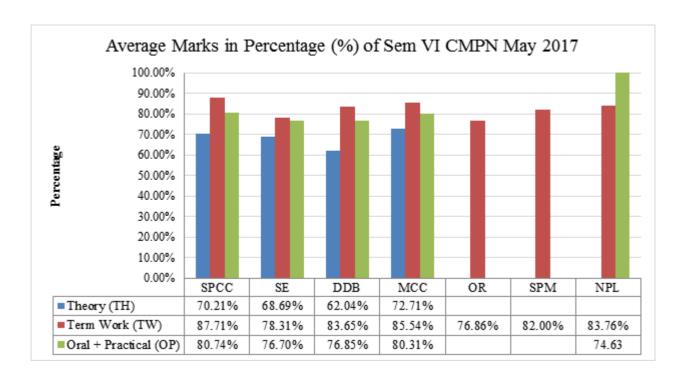
End Semester Report



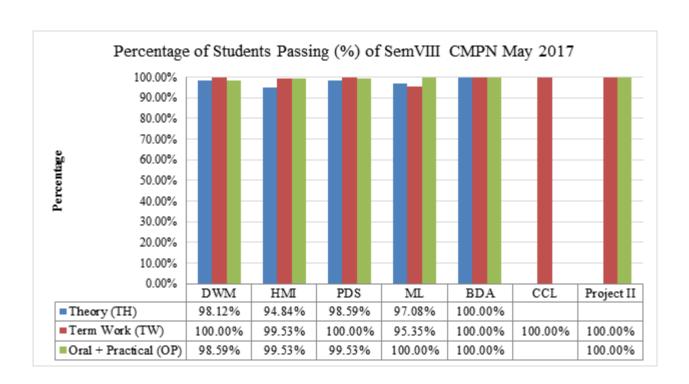
Course Performance



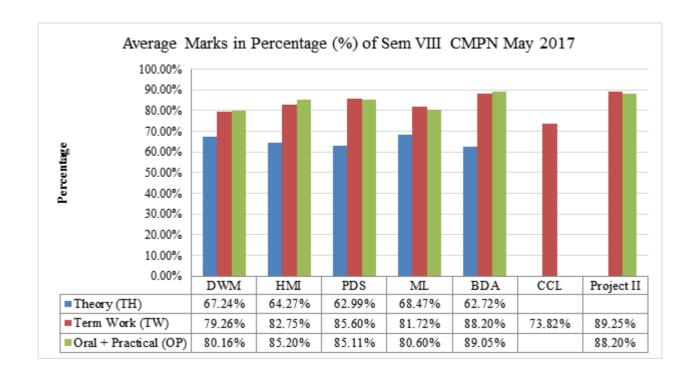
End Semester Report



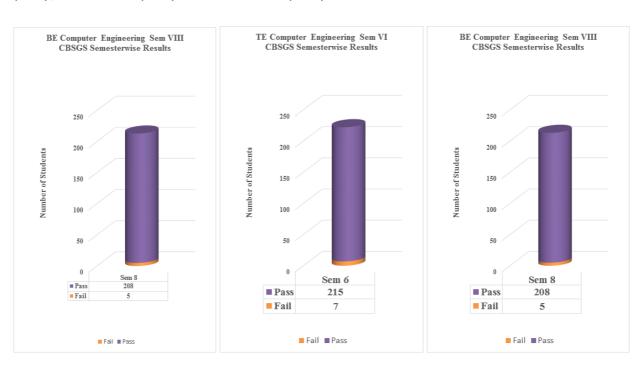
Course Performance



End Semester Report



Statistical graphs illustrating the Semester/Year Wise Result Analysis of Second Year (S.E.), Third Year (T.E.) and Final Year (B.E.):



2.1.2. Placement Activities

Following were the activities conducted by different experts for the final year students for guidance and counselling.

Sr. No.	Date	Торіс	Expert
1	25th July 2017	Eligibility, Employability and Resume building - SE(D7A, D7B)	Prof. Nagananda
2	5th August 2017	Eligibility, Employability and Resume building - SE(D7C)	Prof. Nagananda
3	26th July 2017	TCS Codevita Contest session - All(Registered)	Mr. Hari Menon
4	3rd August 2017	Placement Seminar Session I: Campus placement process - TE (D12A, D12B)	Prof. Nagananda
5	8th August 2017	Placement Seminar Session I: Campus placement process - TE (D12C)	Prof. Nagananda
6	6th October 2017	Senior Junior Interaction TE (D12A, D12B, D12C)	Placement Coordinators, Dream Job placed students

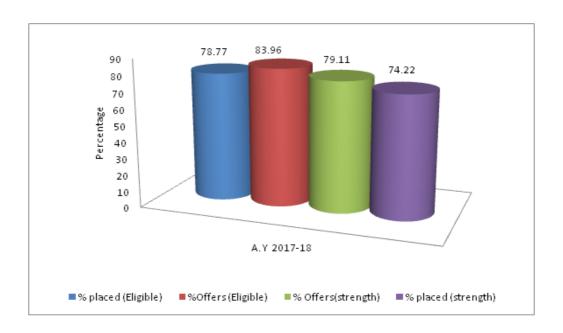
2.1.3. Placement & Higher Studies Statistics and Activities

The process of placement started in July 2017 with dream companies like Morgan Stanley, JPMC, IVP, Nomura, Media.net, MAQ, KPMG followed by our major recruiters like Accenture, Capgemini, LTITL and ATOS. Like every year, this year also students are performing extremely good. Students participated in coding contest organized by JPMC, Nomura and TCS. Many students got the placement opportunity through this contest. 78.77% of eligible students got placed till date.

Highlights for 2017-2018:

- JPMC Code For Good(CFG) contest winners Paresh Kalinani from D17 C and Pooja More from D17B
- JPMC Code For Good(CFG) contest runner up team member Tanmay Rauth from D17C.

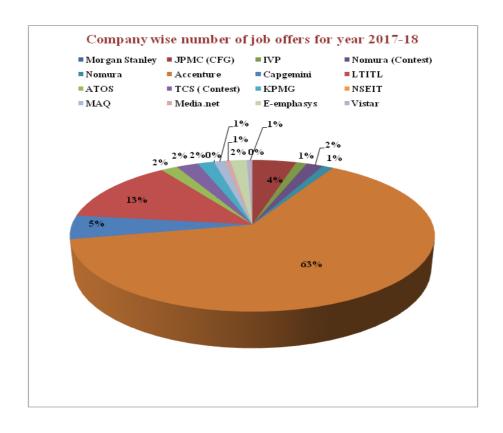
- Nomura coding contest winner winners Tanmay Rauth from D17C and Ankit Shaw from D17C
- Bhavik Dand from D17B got three job offers with Accenture as a first job, TCS job offer through coding contest and dream job offer in MAQ.



Placement Record for the year 2017-18 (as on 25th October 2017)

Sr. No.	Company	Number of job offers	Salary (Lac/Annum)
1	Morgan Stanley	0	16
2	JPMC (CFG)	8(1)	6.9
3	IVP	2	7.48
4	Nomura (Contest)	3	8.3
5	Nomura	2	8.3
6	Accenture	113	3.5
7	Capgemini	9	3.15
8	LTITL	24	3.18
9	ATOS	3	3.13
10	TCS (Contest)	4(4)	3.2
11	KPMG	3(3)	4.9
12	NSEIT	0	3.0
13	MAQ	2(2)	5

14	Media.net	1(1)	5.5
15	E-emphasys	3	3.6
16	Vistar	1	3.3
	Job Offered	178(11)	
	Strength	225	
	Strength (Eligible 55%+)	212	
	Total Placed	167	
	Second (or More) Jobs	11	
	% Offered (Strength)	79.11	
	% Offered (Eligible)	83.96	
	% Placed(Eligible)	78.77	
	Minimum Salary	3.13	
	Maximum Salary	8.3	
	Average Salary	4.96	
	No of Companies visited	16	



Higher Studies

Student Academic Year 2016-17 - Statistics for 2017-18

Sr. No	Div	Name of Student	University	Field of Specialization	Company Placed
1		Aditya Wakad	University of Washington, Seattle	Master in Information Management	Not Interested
2		Deepika Khatri	New York University (GSAS)	Information Systems	Not Interested
3		Rishi Hemwani	Northeastern University	MS in Data Analytics Engineering	Not Placed
4		Kinjal Chawda	University of Maryland, College Park	MIM program in Information Management	Not Placed
5	A	Priyanka Khatri	Wellingar Institute of Management Development & Research	MBA	Not Interested
6		Pankti Shah	University Of Southern California	MS in Data Modeling/ Ware housing and data base administration	Not Interested
7		Ruturaj Nene	Northeastern University	Master in Computer Science	Accenture
8		Vinit Karkhanis	Carnegie Mellon University	Master in Information Systems Management	Not Placed
9		Amey Barapatre	University of Illinois at Chicago	Master in Computer Science	ATOS
10		Jeet Gandhi	Rochester Institute of Technology (RIT), USA	Master in Computer Science	Not Interested
11		Yash Vaswani	University of Maryland	Information Systems	Accenture
12		Dipesh Virkar	Rochester Institute Of Technology	Master in Computer Science	Not Placed
13		Amala Deshpande	New York University (GSAS)	Master in Computer Science	Accenture
14		Benita Jeyakumar	Sydenham Institute Management Studies & Research & Entrepreneurship Education (SIMREE), MUmbai	MMS	Accenture

15		Aditya Suresh	Carnegie Mellon University,US	Master in Information Systems Management	Not Interested
16		Sagar Bhojwani	Syracuse University	MS in Information Management	Capgemini
17		Ajinkya Gutti	University of Maryland,UC	MS in Information Systems	Accenture
18	В	Havan Somaiya	Indian Institute of Technology, Dhanbad	M. Tech. in Computer Science & Engineering	Not Interested
19		Vrushal Kamtikar	University of Maryland	Master in Information Systems	Accenture
20		Kevin Shah	Northeastern University	Master in Computer & Information Science	Accenture
21		Komal Dhuri	Stony Brook University, New York	Master in Computer & Information Science	Capgemini
22		Prarthita Das	Kelley School Of Business, Indiana University	Master in Information Systems	Accenture
23		Devendra Kamalapurkar	IIM Indore	M.B.A.	Nomura
24		Manaswini Muralidaran	Visvesvaraya National Institute of Technology (VNIT), Nagpur	M.Tech.	Accenture
25		Pooja Ghatge	University of Pittsburgh	MS in Information Science	Capgemini
26		Ritika Hassanandani	University of California, Irvine	Master in Computer Science	ACCENTU RE
27		Aishwarya Danoji	Stony Brook University, New York	Masters in Computer Science	Not Interested
28	С	Urmi Jadhav	Stony Brook University, New York	Masters in Computer Science	Not Interested
29		Rachna Kamat	Northeastern University	Masters in Information Assurance	Not Interested
30		Priya Puranik	Northeastern University, US	Masters in Information Assurance	Accenture
31		Mrunmayee Mujumdar	Northern Illinois University	Masters in Management Information Systems	Not Placed

32	Rajat Gupta	Carnegie Mellon University, US	Master of Entertainment Technology	Not Interested
33	Ekta Sirwani	Northeastern University, US	Masters in Information Assurance	Accenture
34	Aishwarya Dhage	School of Informatics & Computing, Indiana University	Masters in Computer Science	Accenture
35	Luvesh Techchandani	Northeastern University, US	MS in Information Systems	Not Placed
36	Pallavi Varandani	New York University (TSOE)	Masters in Management of Technology	Capgemini
37	Kasibhotla Tejbhushan	National Institute of Technology, Karnataka	M.Tech. in Computer Science	Accenture

2.2. Student Participation

2.2.1. Summer School Activity (Total No. of Workshops : 01)

As a part of Skill Development, a Summer School Program has been organized for second, third, final year and passed out students of VESIT during the beginning of the academic year. The details of the workshop are attached below.

Internet of Things(IOT) using Arduino:

Total No. of Students: 21

Six days workshop has been organized on "Internet of Things(IOT) using Arduino" from July 03-08, 2017 in collaboration with Revert Technology Pvt. Ltd. & Finland Labs in association with EDC - IIT Roorkee. The objective of this Summer School Program was to learn how to use sensors in IoT. Students from all three departments actively participated in the workshop.

The workshop sessions was taken by Mr. Bipul Kumar from Finland Labs, who has a lot of knowledge in the fields of Embedded Systems and Wireless Networking.

Pairs of students who completed these questions completely were ranked as 1st, 2nd and 3rd positions and presented with special "Certificate of Merit". First position was secured by Computer students, Deepesh Sidhwani, Abhishek Chhabra. Students with "Certificate of Merit" would get a chance to participate in the IOT competition in IIT Roorkee next year. After that all the students were presented with "Certificate of Participation". On an overall the workshop was very informative and thorough to give the students a very good introduction to the new field of IOT. This workshop helped the students to find a direction in exploring the scope of "Internet of Things".

List of student participants:

Sr. No	Name	Class
1	Krishna boddu	D12C
2	Abhishek mehta	D12C
3	Abhiruchi bhattacharya	D2A
4	Smruti kshirsagar	D2A

5	Sagar wadhwa	D7C
6	Akash hasamnis	D2B
7	Pranjali tembhurnikar	D2B
8	Sanket gokhale	D2B
9	Grishma gurbani	D2B
10	Naman varyomalani	D2B
11	Chinmay sankhe	D2A
12	Austin coutinho	D2A
13	Ankur gokhale	D7A
14	Shefali athavale	D7A
15	Mitesh goplani	D7A
16	Abhishek chhabra	D12C
17	Deepesh sidhwani	D7C
18	Ashish joshi	D7C
19	Gurupreet singh nagpal	D7C
20	N. Sai sirisha	D7C
21	Samujjwaal dey	D7C

2.2.2. Workshops/Seminars

1. Report on Machine Learning and Data Science Workshop - Industrial Visit

Date: 14th Oct 2017

Speaker:Mr. Chaintya Verma

Contact Person: Mahendra Prasad Dubey, Microsoft IT Pro Tech Community

Time: 2 PM to 6 PM

Venue: Microsoft Office, BKC Complex, Kalina.

Audience: Mrs. Vidya Zope, Dr. (Mrs.) Gresha Bhatia and Mrs. Abha Tewari and 33 third year

students.

The session started around 2.20 pm. Mr.Verma introduced machine learning, data science, need for AureML and cognitive services.He further explained the need of Supervised and unsupervised algorithms, and utilizing of APIs for performing machine learning operations. This was elaborated by taking into consideration the operations of UBER taxi service.

Mr. Verma then expressed the need for understanding patterns in data science and elaborated on the secrets of data science to be:-

- 1. Know your data
- 2. Know your question
- 3. Know the domain
- 4. Know what and where are you going to get and use the answer.

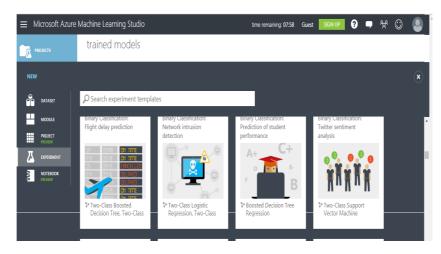
It was also mentioned that 20-30% work is performed on machine learning model while the remaining work is focussed on identifying patterns in data, cleaning and exploring data.

The session further continued with Mr. Verma differentiating between regression algorithms that are used for continuous data, classification algorithms that generate a set of outputs that have already been defined. This was followed by clustering which had a set of data with no outputs.

The examples for differentiating the same were mentioned as anomaly detection algorithms, recommendation systems used by Amazon, SnapDeal, NetFlix.

Mr. Verma further elaborated on linear regression to be the best model with good accuracy and error rate. Azure machine learning studio could be seen on the site studio.azureml.net. This software comes in three flavours guest use, free workspace and standard workspace. This package

was then explored in detail through an loan dataset experiment in Microsoft Azure Machine learning Studio.





From Left: Mrs. Vidya Zope, Dr. (Mrs.) Gresha Bhatia and Mrs. Abha tewari at Microsoft Office ,BKC

2.3. Student Participation

2.3.1. Industry Projects (Total: 08)

Sr.	Name of the		200	Resource	Project	
No.	Industry	Title of Project	Name of Students	Person	Mentor	
		Application Of Machine Learning	Neeraj Jethnani (D17B)			
1	Apex kidney	techniques for the analysis and	Mihir Wagle(D17B)	Dr. Vishwanath	Dr. Gresha	
	Foundation	prediction of Hypertension and	Juhi Bhagtanii (D17B)	Billa	Bhatia	
		vein function in hemodialysis.	Aishwarya Chandak (D17B)			
			Suren Sughand (D17B)			
2	Kias	PrintEase - A	Simran Dembla (D17B)	Mr. Gopal	Mr.	
2	Technology Pvt Ltd.	Smart Printing Application	Deepika Khithani (D17B)	Joshi	Richard Joseph	
			Akshata Mohite (D17B)			
3	Cerelabs Pvt. ltd.	Pantomath 'Bo: Discover Cross	Pratik P. Watwani. (D17C)	Mr. Devesh Rajadhyax		
		Modal Human Behavior Analysis	Pravin Tripathi (D17C)		Mrs.	
			Ankit Shaw (D17C)		Sharmila S.	
			Swastika Thakur (D17C)			
4	VIMERSIA	Integrating Brain	Baljit Singh Chadha	Mr. Ankit		
		Control Interface(BCI)	Ameya Bhave	Tripathi	Mrs.	
		with Virtual Reality	Manas Gangwani		Yugchaya Dhote	
			Sashwin Adnani			
5	BMC , Chembur	Identification, Analysis and Prediction of Urban Water Logged Area	Abhijeet Bhattacharya Shripad Laddha Nitin Pandey Neeraj Premani	Mr. Shrikant Rade	Dr. Gresha Bhatia	
6	Haplotech IT Solutions LLP	Cloud based Core Bankng software for small Finance institutes	Manjiri Bhat Romit Bonkar Narayan Mundhara Monal Daswani	Mr. Nilesh Bane	Mrs. Anjali Yeole	

7	Sequretek IT Solutions	Anomaly detection using machine learning	Aditya Subramanian Karan Chhabria Yash Shahani Vedant Yadav	Mr. Arun Rathi	Mrs. Vidya Zope
8	JNPT Hospital	Predictive analysis in Pregnancy Database	Pratik Nichat Deepanshu Garg Deepesh Garg Shruti Sindhi	Dr. Raj Hingorani	Mrs. Sunita Suralkar / Mrs. Rupali H.

2.3.2. Looking Beyond Syllabus (LBS) Project's: (Total No. of projects: 07)

Sr. No.	Title of Project	Name of Students	Class
1	Society Connect	Juhi M Bansinghani	D12A/5
		Reshma Sawlani	D12A/64
		Prerna Lokwani	D12A/37
		Trena V Dhingra	D12A/18
2	Traffic Signal management	Abhishek Chhabra,	D12C
		Tarasha Agarwal,	
		Sanjeev Chintakindi,	
		Gayatri Ganpathy	
3	Robo-arm	Umesh Ramchandani	D12A
		Sarthak Dadhakar	
		Shubham	
		Ashish Chandwani	
4	IoT in Automobiles - Drive at Ease	Ketaki Buwa	D7A
		Rakshil Ganvix	D9A
5	Smart healthcare monitoring system	Sugam Devare	D7A
		Saket Ozarkar	
		Raj Chetwani	
		Rishikesh Kadam	
6	Energy management and monitoring	Ashwin Soni,	D7 & D10
		Shaunak Baradkar,	
		Sumeet Sarode,	
		Aditya Bhatia	
7	Agrotech: Agriculture revolutionized	Sumeet Sarode,	D7C & D10
		Ashwin Soni,	
		Shaunak Baradkar	

2.3.3. spRdh (स्पृध)- Engage, Perform and Compete through Project Ideas

Total No. of Projects: 29

Sr. No.	Name of the Students	Class	Project Title	Mentor
1	Siddharth Dekhane (17) Kaushik Vishwanath (30) Kaushal Mhalgi (39) Vedant Mistry (40)	D12A	Smart Electronic Health Record System	Mr. Prashant Kanade
2	Sanket Paratkar Nishit Ahuja Smit Gangurde	D7 B D7 C D7 C	A luggage carrying user following robot	Mrs. Indu Dokare, Dr. Nupur Giri
3	Chinmay Mahale (35) Soham Swapnil Dighe (10) Akash Prakash Narang(29) Trupti Vinay Kamat (43)	D7A D7B D7A D7A	NGOConnect	Dr. Gresha Bhatia
4	Sunmay Agharkar (01) Kunal Jagasia (25) Nishant Shankar (68) Labhesh Valechha (78)	D7A	Pandora's Box: A Smart Vault	Mrs. Anjali Yeole
5	Vedant S. Wakalkar (64) Vinayak R. Jain (18) Pritam B. Kore (25) Akshay K. Mohite (34)	D7B	Smart Agriculture	Mrs. Abha Tewari
6	Grishma Gurbani Sanket Gokhale Smruti Kshirsagar Chinmay Sankhe	D7B	Unclog the city	Mrs. Manisha Gahirwal
7	Deepesh Sidhwani Avinash Sidhwani Nilesh Bhatia Abhishek Chhabra	D12C	Home Automation for Disabled	Mrs. Priya R L
8	Ankit Kumar Dalal Pratik Bhatia Namita Nair	D12C D12C D12A	Looking Beyond Safety	Mr. Richard Joseph

9	Tushar Jumani (24) Saili Kadam Ajinkya Pawale Rahul Dhameja	D12B D12A D12B D12B	Inactive Account Handler Application (IAH)	Mrs. Vidya Zope
10	Pankaj Ahuja (01) Vinay Bhatia (09) Kamal Teckchandani (67) Hitesh Vaswani (71)	D12B	Object Recognition Integrated in smart cane.	Ms. Kajal Jewani
11	Samujjwaal Dey (15) Ashish Joshi (23) N. Sai Sirisha (38) Gurpreet Singh(39)	D12C	Electricity consumption and home automation (Smart Electricity meter)	Dr. Gresha Bhatia
12	Sukhwinkersingh (74) Ankur Gokhale (24) Sagar Madnani (38) Sahil Bhatia (07)	D12A	GST Calculator	Mrs. Rashmi Patel
13	Juhi M Bansinghani (5) Riya Bathija (6) Ruchika Daryani (16) Trena V Dhingra (18)	D12A	Societino	Mrs. Yugchhaya Dhote
14	Sanika Vikas Chavan (12) Reema Gopal Israni (21) Dishank Poddar (43) Saurabh Satavalekar (48)	D7C	Algorithm reader and converter to source code of different Programming languages	Ms. Arthi C I, Ms. Samruddhi Yadav
15	Saurabh Sahu (51) Somil Singh (61) Sagar Wadhwa (74)	D12C	E-Commerce Product Analysis	Ms. Ankita Chowdhuri
16	Yash Jain	D7B	VESITLang	Mrs. Lifna C S
17	Ketaki Buwa(12) Abhiruchi Bhattacharya(08) Ariscia Mendes(37) Padmaja Borwankar(10)	D7A	Drive with ease	Mrs. Poonam Gholap, Ms. Apurva Chaudhari
18	Nikhil Dalvi (16) Harsh Mulchandani (38) Vivek Sohal (64) Rushi Yawalkar (77)	D12B	Parking Allotment System	Ms. Mukesh Yadav

19	Ashwini Patil (43) Shubham Singh (60)	D12C	Women Empowerment Plan	Mrs. Sayali Baxi, Mrs. Sonali Bapte
20	Anirudh Roy (58) Sanket Paratkar (47) Shashank Parande(46) Aditya Pathak(48)	D12B	Mineseeker	Mrs. Richa Sharma
21	Rahul Jaisinghani (23) Rohit Kriplani (35) Anuj Chanchlani (09) Dipen Chawla (13)	D12A D12A D12A D12A	Nishabdh	Mrs. Sunita Sahu
22	Tarasha Agarwal (1) Prerna Baliga (5) Piyush Mangtani (33) Pratik Talreja (66)	D12C	In/Out Time maintenance system for library	Mrs. Sunita Suralkar
23	Ashish Chandwani (12) Shubham Gaikwad (20) Binoy Saha (60) Sandeep Sahani (61)	D12A	Smart Mirror	Mrs. Snehal Mane, Ms. Akanksha Magare
24	Jigisha Prajapati (54) Krutika Prasalkar (51) Sakshi Subedi (73) Sharayu Patil (52)	D12A	Quality checking using Image processing	Mrs. Sharmila Sengupta, Ms. Swati Sharma
25	Priyanka Bhatia (8) Himani Keswani (29) Malvika Khatri (32) Bhavesh Motiramani (37)	D12B	Automated Traffic Control System	Mrs. Pooja Nagdev
26	Sumeet Sarode (59) Atharva Pandit (45) Lakhan Rangwani (56) Jitesh Watwani (76) Harsha Tolani (69)	D12B	Lingua Explicitus	Mrs. Shweta Reddy
27	Rahul Shamdasani Sagar Raisinghani Deepa Chanchlani Priyanka Narwani Mahima Motwani	D12A	E-Pharmacy	Mrs. Priya R. L, Ms. Mayuri Tharval
28	Mitesh Goplani (13) Rahul Sawra (51) Muskan Raisinghani (47) Shefali Athavale (02)	D7B	Need a Labourer?	Mrs. Rupali Hande

29	Raksham Pandey Nayan Jain Gayatri Shinde		Cardiac MRI Segmentation using Deep Learning	Mrs. Sujata Khedkar
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2.4. Extra - Curricular Activities

2.4.1. Participation in Inter College Competition

Total No. of competitions: 33

Sr. No.	Event Name	Date	Venue	Class	Student's Name	Achievements / Participant
1	IET "On Campus", Poster making competition on "Ganga Rejuvenation using IoT"	8 th September , 2017	KJSIEIT, Sion	D17A	Sujay Varma, Sharayu Patil, Kasturi Ghadge, Girisha Navani, Nitya Shetty	3 rd prize
2	Times Of India Intra College Debate	15th September , 2017	Vivekanand Education Society's Institution of Technology, Chembur	D17C	Shashank Agnihotri	Best Speaker and Runner Up
3	Crackathon	7/10/17	KJ Somaiya,Vid yavihar	D12B	Sanket Paratkar Devendra Chaudhari	Finalist
4	Chess Competition		S.I.E.S	D12B	Tushar Jumani	Participation
5	NMIMS BADM ChampionShip 2017	2/10/17	NMIMS	D12B	Shashank Parande, Aditya Pathak	Participation
6	TCS CodeVita	28 & 29th July 2017	TCS online	D17A	Himanshu Rawlani	Placement offer from TCS
7	TCS CodeVita	28 & 29th July 2017	TCS online	D17A	Vignesh Zambre	503 rank Qualified for round 2

8	JPMC Code For Good	29 & 30th July 2017	JPMC, Prism towers, Goregaon	D17A	Jayesh Saita	Top 7 (Team)
9	Cricket Match	Sept 2017	Mumbai University, Kalina	D12A	Tarun Ramrakhyani, Vishal Wadhwani, Amit Kumar	Participant
10	Deep blue	Oct 2017	Mastek, organized at VESIT	D12A	Shivani Singh, Rahul Shamdasani, Mahima Motwani, Sagar Raisinghani, Vishal Yadav, Sandeep Sahani, Saurabh Verma, Vishal Wadhwani, Nishant Shankar, Adarsh Shetty, Kshitij Sutar, Bhavik Jain, Saurabh Khatri, Binoy Saha, Ashish Chandwani, Rushabh Singh, Umesh Ramchandani Varsha Sawlani, Sakshi Subedi, Disha Mohnani, Krutika Pasalkar, Sarthak Dadhakar, Deepa Chanchlani, Priyanka Narwani, Mukta Chandani, Nitin Aswal, Sunmay Agarkar, Hemangi Mungad	Participant
11	Drona	October 2017	IIM Indore (online)	D12A	Trena V. Dhingra	Participant
12	Drona	October 2017	IIM Indore (online)	D12A	Juhi M. Bansinghani	Qualified for level 2
13	Codevita	7,8 Oct 2017	Sabu Siddique	D12A	Vishal Wadhwani	Participant
14	Hackethon	7,8 Oct 2017	Sabu Siddique	D12A	Sukhwinder Singh, Sagar Madnani, Sahil Bhatia	Participant
15	Error 404 Hackathon	7,8 Oct 2017	Sabu Siddique	D12A	Sarthak Dadhakar	3rd rank

16	Error 404 Hackathon	7,8 Oct-17	Sabu Siddique	D12A	Ankur Gokhale	Participant
17	Football Match	Sept 2017	Mumbai University, Kalina	D12A	Kshitij Sutar	Participant
18	Hackathon	March -17	DJ Sanghvi	D12A	Nishant Shankar	Participant
19	Mumbai Hackathon	July 2017	Online	D12A	Sarthak Dadhakar	2nd rank
20	IOT poster Making	8 Sept 2017	KJ Somaiya	D12A	Sujay Verma, Kasturi Ghadge, Nitya Shetty, Girisha Navani, Sharayu Patil	3rd rank
21	Protology Hackethon	July 2017	VJTI	D12A	Sarthak Dhadhakar	Participant
22	E-Yantra	Sept-Oct 2017	IIT Bombay	D12A	Ankur Gokhale	Participant
23	Hackerrank	Sept-Oct 2017	IIT Bombay	D12A	Ankur Gokhale	Participant
24	JPMC Code For Good	29 & 30th July 2017	JPMC, Prism towers, Goregaon	D17B	Anshul Agarwal, Rushika Ghadge, Nikhil Vatwani	Participant
25	JPMC Code For Good	29 & 30th July 2017	JPMC, Prism towers, Goregaon	D17B	Pooja Deepak More	1st Team Prize
26	ERR_404 Hackathon	7th & 8th Oct 2017	Saboo Sidik college of engineering	D17B	Nikhil Vatwani	Participant
27	Kakushin ,2017 (Nomura coding contest)	Sept-Oct 2017	VESIT, Mumbai	D17B	Aishwarya chandak	Qualified till level 2, Participant
28	ERR_404 Hackathon	7th & 8th Oct 2017	Saboo Sidik college of engineering	D7B	Jay Rajput, Sladgh Nunes, Akhil Varyani, Mitesh Goplani, Sarvesh Relekar	Participant

29	Debate	8th & 9th Sept 2017	Fr. Agnel College, Bandra	D7B	Aman Pingle	Participant
30	TCS CodeVita	28 & 29th July 2017	TCS online	D7B	Yash Jain	302 rank in round 2
31	Google Codejam		Online	D7B	Yash Jain	Cleared Qualification Round Round 1B rank 7449
31a	Codechef SnackDown		Online	D7B	Yash Jain	Cleared Qualifier Round with a rank of 3101
31b	Codechef SnackDown		Online	D7B	Yash Jain	Rank of 1764 Pre-Eliminatio n Round B 2017
32	Colfax Research "How" Series Hands on workshop and training sponsored by Intel	18-29 Sept 2017	Online	D7B	Yash Jain	
33	Hacktoberfest	01-31 October, 2017	Online	D7B`	Yash Jain	Successfully submitted 5+ Pull Requests across various open source projects

2.4.2. Participation in Intra College Competitions

Total No. of Competitions: 01

Sr.	Name of the	Date	Student Name and Class	Remark
No.	Competition			
1	ONLINE TREASURE	29 Sept, 2017	Shubham Parulekar (D12A)	Winners
	HUNT WINNERS -		Aditya Pathak (D12B)	
	IEEE (VESIT)			

2.5. Alumni Interaction

The alumni meet for Computer Department was organized on August 21, 2017. Senior professors namely Dr.Nupur Giri, Dr. Gresha Bhatia, Mrs. Sharmila Sengupta and Mrs. Sujata Khedkar graced the occasion by their presence. The inauguration was taken care by Mr. Prashant Kanade, Mr. Richard Joseph and Prof. Mukesh Yadav.



Three alumni were chosen as guest to represent different streams post - engineering. Following are the details of the guest:

1. Mr. Venkatesh Ramaswamy: A dynamic tech-savvy personality who is currently working as a Senior Engineering Manager at eBay, California is a VESIT alumnus belonging to the Batch of 2001 from the Department of Computer Engineering. He was the Mumbai University topper of the year. With over 17 years of industry experience spanning over various engineering and software domains in large organizations like PayPal and eBay, Mr. Ramaswamy stands strong with his objective of working with completely abstract ideas and shaping them into reality. His vision and mission strongly carry a vibe of the lively and energetic persona he holds.

- 2. Mr. Avinash Ghalke, a VESIT alumnus belonging to the Batch of 2001 from the Department of Computer Engineering, is currently serving as an executive teaching faculty of finance to MBA students. Mr. Avinash, switched onto finance while completing his MBA from XLRI Jamshedpur in the year 2006. During his post-MBA period, he also explored his Agro-venture before taking up teaching as a mainstream career. He stands strong on his motto of inculcating financial literacy among masses to ensure that they take well-informed and effective management decisions. Followed below are his thoughts and view on life.
- 3. Mr. Kuntal Joishier, a VESIT Alumni, is one of the imperceptible personalities to have attempted to climb the mighty Mt. Everest.

The session was aimed at guiding the current students in terms of career post - engineering. The session had a lot of Q&A sessions between the host (Prof. Prashant Kanade) and the alumni. The feedback and life changing experiences shared by the alumni was really worth taking into consideration. The students had their queries resolved related to different fields that can be explored post - engineering.



2.6. Industry Internship Program

Total No. of Internships: 45

	Internship Details First half 16-17										
Sr.	Name Of The Student	Class	Company Name	Starting date of internship	End date of internship						
1	Monish Narwani	BE	FOCAL WORKS	1/17/2017	7/16/2017						
	Internship Details Second Half 2016-17										
2	Mohnish Katware	D17B	Hindustan Petroleum Corporation Limited	6/5/2017	7/4/2017						
3	Kanchan Tewani	D12A	Prime Focus Technology	6/16/2017	7/7/2017						
4	Sameer Udgirkar	D17B	Myrsa Technology Solutions Pvt.Ltd	1/1/2017	7/2/2017						
5	Manas Gangwani	D17A	Vimersia	6/5/2017	3/5/2018						
6	Juhi Bhagtani	D17B	Air India Limited	6/5/2017	7/7/2017						
7	Sanjana Sanjeev Moghe	D17B	BHABHA ATOMIC RESEARCH CENTRE	6/5/2017	7/7/2017						
8	Meet Shah	D17C	TCS	6/5/2017	7/15/2017						
9	Roshan Sunil Rajwani	D12C	Creativeflu	10/14/2016	5/13/2017						
10	Tanvi Abhay Kulkarni	D12B	BARC	6/5/2017	7/7/2017						
11	Jatin Sajnani	D12B	Globotechs.in	6/19/2017	7/15/2017						
12	Neeraj Jethnani	D17B	Air India Limited	6/6/2017	7/6/2017						

13	Yash Shahani	D17A	Sequretek IT Solutions Pvt. Ltd.	6/5/2017	7/4/2017
14	Tejas Ingale	D17A	SR counselling India.	1/16/2017	6/30/2018
15	Vinit R. Pawar	D17A	Ernst and Young	6/5/2017	7/5/2017
16	Mugdha Govilkar	D12A	Aashansh Foundation	6/3/2017	7/3/2017
17	Simran Bhagwandasani	D7A	Aduera Inc	6/15/2017	12/10/2017
18	Rahul Bhatia	D7A	Aduera inc.	6/13/2017	12/10/2017
19	Shruti Zade	D17A	Air India	6/6/2017	7/6/2017
20	Harshal Talreja	D17C	VESIT	6/16/2017	7/15/2017
21	Mehak Katra	D7C	Nuclei Technologies	7/1/2017	7/8/2017
22	Yash Chetnani	D17A	Codebreak	6/16/2017	7/22/2017
23	Shivani Naresh Subnani	D17A	M-intellect	6/25/2017	7/16/2017
24	Yogesh Gupta	D17B	Calibrant classes pvt. ltd.	6/1/2017	7/1/2017
25	Sejal Gianani	D17C	Tranzlease Holdings Pvt Ltd	6/15/2016	7/15/2017
26	Mihir Joshi	D17A	Codebreak	6/16/2017	7/15/2017
27	Shraddha Bhinge	D12C	storymirror	4/3/2017	8/3/2017
28	Sachee Nene	D17B	Code break	6/19/2017	7/9/2017
29	ABHISHEK KUVAR	D12A	TECHZILLA INDIA INFOTECH LLP	6/15/2017	8/15/2017
30	Bhavik Dand	D17a	Code break	6/16/2017	7/19/2017

Summer Internship at VESIT List of students from Computer Department (16th June 2017-15th July 2017)

Sr. No	Email Address	Name	Surname	Class	Project
31	2016.ritika.sethiya@ves.ac.in	Ritika	Sethiya	D2C	CMS
32	2016.mitesh.goplani@ves.ac.in	Mitesh	Goplani	D2B	CMS
33	2016.yash.jain@ves.ac.in	yash	jain	D2B	CMS
34	2016.soham.dighe@ves.ac.in	Soham	Dighe	D2B	CMS
35	2016.karan.hemdev@ves.ac.in	KARAN	HEMDEV	D2B	CMS
36	2016.trupti.kamat@ves.ac.in	Trupti	Kamat	D2A	CMS
37	gautam.chhabria@ves.ac.in	Gautam	Chhabria	D12C	CMS
38	2016ashish.sukhani@ves.ac.in	Ashish	Sukhani	D2C	CMS
39	2015saili.kadam@ves.ac.in	Saili	Kadam	D7A	CMS
40	2015manisha.valecha@ves.ac.in	Manisha	Valecha	D7C	CMS
41	2016.vinayak.jain@ves.ac.in	vinayak	jain	D2B	CMS
42	harshal.talreja@ves.ac.in	Harshal	Talreja	D12C	Asset mgmt
43	2016.madhu.raghani@ves.ac.in	MADHU	RAGHANI	D2B	Bulk SMS
44	2015nishant.shankar@ves.ac.in	Nishant	Shankar	D7A	asset mgmt
45	2015reshma.sawlani@ves.ac.in	Reshma	Sawlani	D7A	asset mgmt

2.7. Scholarship Received (Total: 40)

Selected Scholarship Statistics is as follows (2017-18):

1. Geeta Israni - 02 (10000/- each)

2. Student Aid Scholarship - 07 (15000/- each approx.)

3. Vivekanand Jyoti Scholarship - 01 (40,000/- approx.)

4. Suman Tulsisni Scholarship - 42 (9000/- each)

Sr. No	Name of the Student	Class	Scholarship Organization
1	Subhadra JAisinghani	D17C	VESIT
2	Mohit Khitani	D12C	
3	Manish Chandrul	D17C	
4	Rahul Godhani	D12B	
5	Sagar Sachdev	D17B	
6	Sagar Sachdev	D17B	Bharatiya Sindhu Sabha
7	Jewel Murpani	D17C	VES
8	Anand P Vaswani	D17C	
9	HArsha R Punjabi	D12B	
10	Harsha P Vidharani	D12B	
11	Pawan Wadhwani	D12B	
12	Harsha R Punjabi	D12B	
13	Deepika Khitani	D17B	
14	Pravin Tahilani	D17C	
15	Pravin Tahilani	D17C	Prathibha Bai Scholarship
16	Deepika Khitani	D17B	India Bulls Foundation
17	Jewel Murpani	D17C	VESIT
18	Vishakha Kumbhar	D12C	
19	Sagar S Madnani	D12A	
20	Sukhwinder Singh	D12A	
21	Raj Chetwani	D7A	
22	Pravin Tahilani	D17C	
23	HArsha P Vidhrani	D12B	

24	Rahul Godhani	D12B		
25	REshma Khot	D12B		
26	VArsha Chhabaria	D12B		
27	Tarun R Ramrakyani	D12A		
28	Nisha Kataria	D12A	=	
29	Yogita Jethani	D7A		
30	Nitin Tetuja	D7A		
31	Vijay Kataria	D17B		
32	Anand P Vaswani	D17C		
33	Subhadra JAisinghani	D17C		
34	Nikhil VAtwani	D17B		
35	Prasanna Biswas	D17B		
36	Mohit Chotwani	D17B		
37	Chetan Gupta	D17B		
38	Shivani VAlecha	D17B		
39	Richa Bhatia	D7B		
40	Tarun Methwani	D7B		

2.8. Entrepreneurship Initiatives

Total No.:01

The below mentioned startup was formed in the year 2016-17 and its still running successfully.

Sr. No.	Name of the Student/ Alumni/ Faculty enterpre neur	Grad uatin g year (appli cable for stude nt/alu mni)	Name of the company incubated (started year)	Website	Domain / Details	Achievements
	Tanmay Rauth (D12C) Aditya Krishnan (D12C)	2018	Aduera (Jan 2017)	www.ad uera.com	Our aim is to empower every student in college to independently connect with Buyers (Juniors) or Sellers (Seniors) online. Aduera is the Most Secured Online Books Classifieds Platform - and there is a reason behind that. We care about our members and their profit- and the transactions that help them to remove Middleman like Secondhand Book Sellers, thus helping them to make secure deals within your institute. Our main vision is to become such a platform where buyer can directly contact our verified seller. Seller of books can directly contact buyer by listing their book on Aduera.com for FREE and buyer can request for those books and purchase them thereby removing the middlemen (secondhand book sellers) from this overall process. Through aduera.com both buyer and seller of book are making deal in profit since there is no middleman.	95 No of Transactions: 77 No of Country: 1