



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Criteria 3.5 – Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

DVV QUERY: Provide Copies of collaboration/related documents of MACKDROID Textual analytics using Natural Processing Application Development for MCGM ERP based Printing System with Data Analysis IT Innovations Developing with Spark and Hadoop Training VESIT NI LabVIEW Academy Internship indicating the nature of collaboration and activities year-wise

INDEX

Sr No	Collaboration	Activity	Year	Link
1	Macksofy Technologies	MACKDROID	2016-2017	Link
2	Fafadia Tech	Textual analytics using Natural Processing	2016-2017	Link
3	Brihanmumbai Mahanagarpalika	Application Development for MCGM	2016-2017	Link
4	Sai Packers & Printers	ERP based Printing System with Data Analysis	2016-2017	Link
5	ISTE, Capgemini, SAP Labs and Foslipy	IT Innovations	2016-2017	Link
6	Cloudera	Developing with Spark and Hadoop	2016-2017	Link
7	DLink Academy	Training	2016-2017	Link
8	National Instruments (USA)	VESIT NI LabVIEW Academy	2016-2017	Link
9	Hindustan Petroleum Corporation Limited	Internship	2016-2017	Link
10	Hindustan Petroleum Corporation Limited	Internship	2016-2017	Link



308, Bldg No 11,
Motilal Nehru Nagar,
BKC Mumbai

services@macksofy.com

www.macksofy.com

+91 9619439639
9930824239
(11:00 Am - 7:00 Pm)

Date: July 14, 2016

From:
Yasir Arafat Shaikh,
Macksofy Solutions Pvt Ltd,
Bandra-Kurla Complex,
Mumbai.

Subject: Acceptance letter for Internship Training

This is in reference to your letter dated July 14, 2016. We are pleased to accept your letter and provide permission for doing project at our concern in the domain Network- ing and Security from JULY 2016 to MARCH 2017.

The problem statement and scope of the project will be provided to the students (Aishwarya Kourani, Akshit Batheja, Ekta Sirwani, Maaz Sirkhot) by the company itself. Upon successful completion of the training, they will be issued a certificate. They will be required to submit a copy of the detailed project report before comple- tion of the training.

This training period with our Company will entail dealing with important and sensitive information, records and such other matters of the company. They will, therefore, be required to sign a "Code of Conduct and Secrecy Agreement" of our company on the first day of training.

Best Regards,

For Macksofy Technologies Pvt. Ltd.

(Yasir Arafat Shaikh)
(CEO and Founder)



Office no 308 , Bldng No: 11 , Motilal Nehru Nagar ,
BKC , Bandra East , Mumbai: 400051
Contact: +91-9619439639 , +91-9930824239
Email Us: Services@macksofy.com
Visit Us: www.macksofy.com



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BKC Mumbai

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9930824239
(11:00 Am - 7:00 Pm)

Date: April 2, 2017

From:
Yasir Arafat Shaikh,
Macksofy Solutions Pvt Ltd,
Bandra-Kurla Complex,
Mumbai.

Subject: Successful completion of the project "MackDroid - An Android Based Monitoring System".

This is to certify that following students **Aishwarya Kourani, Akshit Batheja, Ekta Sirwani, Maaz Sirkhot** have completed the project titled "MackDroid - An Android Based Monitoring System" at the Macksofy Technologies Pvt Ltd with all the required documentation and reports. They worked as interns for the period from 14th July 2016 to 31st March 2017.

This training period with our Company entailed dealing with important and sensitive information, records and such other matters of the company. They, therefore, will have to maintain the secrecy agreement of the company specifically for this project. Company reserves the right to be informed as and when the project details are presented or published at any level.

Best Regards,

For Macksofy Technologies Pvt. Ltd.

(Yasir Arafat Shaikh)
(CEO and Founder)



Office no 308 , Bldg No: 11 , Motilal Nehru Nagar ,
BKC , Bandra East , Mumbai: 400051
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Email Us: Services@macksofy.com
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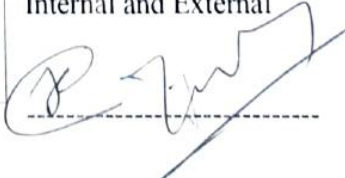
VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF
TECHNOLOGY
Department of Computer Engineering



Certificate

This is to certify that *Aishwarya Kourani, Akshit Batheja, Ekta Sirwani, Maaz Sirkhot* of Fourth Year Computer Engineering studying under the University of Mumbai have satisfactorily completed the project on "*MACKDROID*" as a part of their coursework of PROJECT-II for Semester-VIII under the guidance of their mentor *Ms. Kajal Jewani* in the year 2016-2017 .

This thesis/dissertation/project report entitled *MACKDROID* by *Group - 12* is approved for the degree of *Bachelor of Engineering (B.E.) in Computer Engineering*.

Programme Outcomes	Grade	Date:
PO1,PO2,PO3,PO4,PO5,PO6,PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2	O	Project Guide: Internal and External 

Project Report Approval For B. E (Computer Engineering)

This thesis/dissertation/project report entitled *MACKDROID* by *Group - 12* is approved for the degree of *Bachelor of Engineering (B.E.) in Computer Engineering*.

Internal Examiner

Jenani

External Examiner

[Signature]

Head of the Department

04/05/17

Principal

Jayalalitha

Date: *04/05/2017*

Place: *Mumbai*



Abstract

With the increasing innovations and advancements in the field of technology, number of smartphones that are used every day is sky rocketing. From a daily wager to employees in a multinational company, almost every person uses smartphones for various purposes to socialize, manage businesses, stay connected with the world and digitalize the life as much as possible. Many times, it is very important to monitor the activities performed on the device for multiple purposes such as feedback analysis for betterment of the services provided, surveillance in order to understand and predict any crimes so as to prevent them beforehand, monitor the usage and activities of children by parents etc.

Android based smartphones share a large portion of smartphone devices used across the world. Hence, our application is based on Android OS which helps in storage of data from a device that is installed on and dump on an external server. This application tracks location, call logs, contacts, SMS, file manager, images, camera access of the device and provides control to an administrator on an external server.

The data is then displayed through a PHP server on a webpage where it is categorized into various tabs thereby making it efficient for the administrator to access any details that are grabbed from the remote device this application is installed on. The application once installed on an Android device, seeks permissions such as Access to Camera, find Accounts on Device, Read Contacts, Access approximate & precise Location (GPS), Record audio using microphone, read call logs, record phone identity (Number & IMEI), Reroute outgoing calls, read text messages, send and receive text messages, modify and delete contents from SD Card etc.

This project is targeted towards various organizations which provide Android Smartphones to their employees for work purposes so that they can monitor and track activities to prevent any misuse of the phones provided to the employees. Police officers and crime investigators can use this application to grab and steal sensitive information from suspected criminals to gain evidences and maybe prevent any crimes that could possibly take place. Also, parents can keep an eye on children's activities over internet. This application is being developed under guidance and association with a cybersecurity company Macksofy Technologies Pvt Ltd. The application will not be available for customer use to prevent misuse like attacks on privacy, intellectual property theft, and protect the rights of civilians and attempt to provide privacy to all the users. Thereby, this application will only be used Police authorities and certain organizations to whom licensing and privileges will be provided.



Address A7 Anant Apartment, above
Bhavi Motors, Opp. to Khasiyat Hotel,
Vile Parle (W), Mumbai 400 056

Contact 022-26124412
E-mail id : customercare@fafadiatech.com

To,
Dr. (Mrs.) J. M. Nair,
Principal, VESIT

Date : 27 July 2016

CC
Mr. Prashant V. Kanade
Assistant Professor, Project Guide, VESIT

SUB: Acceptance of Student Project association

Respected Nair Madam and Kanade Sir

In reference to your letter PK/136/2016-2017 dated 20th July 2016, we would like to confirm and accept project for final year with following students

Ms. Manaswani Muralidaran
Ms. Meghna Mohan
Ms. Aishwarya Sadasivan
Ms. Komal Dhuri

The scope of project and expectation from students thereof is mentioned in adjoined document. Kindly let me know if there are any questions on your end.

Thank you


Sidharth Shah
Founder & CEO, Fafadia Tech



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Contact 022-26124412

E-mail id customercare@fafadiatech.com

To
Prof Prashant Kanade
Asst prof
V E S Institute of Technology,
Chembur Mumbai 400074

Date : _____

Subject: Project Completion Certificate
Reference : Search Engine for eBook Portal

Dear Sir,

We are pleased to certify that Miss. Aishwarya Sadasivan from
Computer Engineering Department at VES Institute of Technology has successfully completed
the project entitled Search Engine for eBook Portal
As per the requirements specified during the initiation phase of the project and we are happy to
utilize the same in our various developments at fafadia tech

We wish Miss. Aishwarya Sadasivan a grand success in forthcoming Engineering Career.

The project appraisal is given separately.


Regards



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Vile Parle (W), Mumbai 400 056

Contact : 022-26124412

E-mail id : customer@fafadiatech.com

To,
Prof Prashant Kanade
Asst prof.
V E S Institute of Technology,
Chembur Mumbai 400074

Date : _____

Subject: Project Completion Certificate
Reference : Search Engine for eBook Portal

Dear Sir,

We are pleased to certify that Miss. Komal Arvind Dhuri from
Computer Engineering Department at VES Institute of Technology has successfully completed
the project entitled Search Engine for eBook Portal
As per the requirements specified during the initiation phase of the project and we are happy to
utilize the same in our various developments at fafadia tech

We wish Miss. Komal Arvind Dhuri a grand success in forthcoming Engineering Career.

The project appraisal is given separately.


Regards



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Vile Parle (W), Mumbai 400 056

Contact 022-26124412

E-mail id customercare@fafadiatech.com

To,
Prof Prashant Kanade
Asst prof.
V E S Institute of Technology,
Chembur Mumbai 400074

Date : _____

Subject: Project Completion Certificate
Reference : Search Engine for eBook Portal

Dear Sir,

We are pleased to certify that Miss. Manaswini Muralidharan from
Computer Engineering Department at VES Institute of Technology has successfully completed
the project entitled Search Engine for eBook Portal
As per the requirements specified during the initiation phase of the project and we are happy to
utilize the same in our various developments at fafadia tech

We wish Miss. Manaswini Muralidharan a grand success in forthcoming Engineering Career.

The project appraisal is given separately.

L. Shah
Regards



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Bhavi Motors, Opp to Khasiyat Hotel,
Vile Parle (W), Mumbai 400 056

Contact : 022-26124412

E-mail id : customercare@fafadiatech.com

Date : _____

To,
Prof Prashant Kanade
Asst prof.
V E S Institute of Technology,
Chembur Mumbai 400074

Subject: Project Completion Certificate
Reference : Search Engine for eBook Portal

Dear Sir,

We are pleased to certify that Miss. Meghna Mohan from
Computer Engineering Department at VES Institute of Technology has successfully completed
the project entitled Search Engine for eBook Portal
As per the requirements specified during the initiation phase of the project and we are happy to
utilize the same in our various developments at fafadia tech

We wish Miss. Meghna Mohan a grand success in forthcoming Engineering Career.

The project appraisal is given separately.


Regards


**VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF
TECHNOLOGY**
Department of Computer Engineering



Certificate


This is to certify that ***Aishwarya Sadasivan, Komal Dhuri, Manaswini Muralidaran, Meghna Mohan*** of Fourth Year Computer Engineering studying under the University of Mumbai have satisfactorily completed the project on "***Search Engine for an e-book portal***" as a part of their coursework of PROJECT-II for Semester-VIII under the guidance of their mentor ***Prof. Prashant Kanade*** in the year 2016-2017 .

This thesis/dissertation/project report entitled Search Engine for an e-Book Portal by ***Aishwarya Sadasivan, Komal Dhuri, Manaswini Muralidaran, Meghna Mohan*** is approved for the degree of Bachelor in Computer Engineering .

Programme Outcomes	Grade
PO1,PO2,PO3,PO4,PO5,PO6,PO7, PO8, PO9, PO10, PO11, PO12 PSO1, PSO2	"O" 

Date:

Project Guide: Internal and External



Sidharth Shah (External guide)



Prof. Prashant Kanade

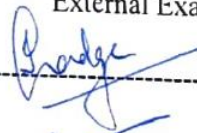
Project Report Approval For B. E (Computer Engineering)

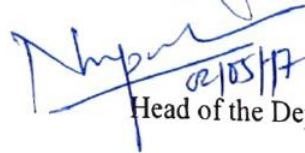
This thesis/dissertation/project report entitled **Search Engine for an e-book portal** by **Aishwarya Sadasivan, Komal Dhuri, Manaswini Muralidaran, Meghna Mohan** is approved for the degree of Bachelor of Computer Engineering .

Internal Examiner

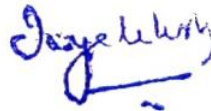


External Examiner




02/05/17

Head of the Department



Principal

Date:
Place:



ABSTRACT

Our project covers the analytics involved in developing a Search Engine for an E-book portal. The textual analytics involved helps in retrieving relevant search results.

The dataset for the same has been extracted from Project Gutenberg. We have used the concept of vector space models to represent our dataset. The mathematical representation of the same is done by representing the dataset as a term frequency- inverse document frequency matrix(TF-IDF). This matrix enables us to perform various mathematical operations for the backend processing algorithms. Various front end and back end algorithms have been implemented in order to analyse text. The front end processing includes- Spell Checker, Text Segmentation and Language Modelling. Back end processing includes-Similarity Modelling, Clustering ,Indexing and Retrieval of results.

Firstly, we perform the backend processing which involves the indexing of documents by ElasticSearch. The clustering information is sent to the indexer which shall help in providing the functionality of suggesting similar books within the retrieved results for a search query. Subsequently, in order to ensure relevant search results we have used various front end algorithms to process the search query and obtain the most coherent sequence of words for a given search query. Lastly, in order to visualize our dataset we have used a chord diagram which uses the similarity modelling performed, to obtain the similarities between the documents.

MUNICIPAL CORPORATION OF GREATER MUMBAI

No. AE/N/759 /SWM/dt. 21 APR 2017

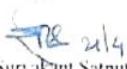
Office of the :

Asstt. Engr. (S.W.M.) 'N'
MCGM 'N' Ward Bldg.
Gr. Floor, Jawahar Road,
Ghatkopar(E),
Mumbai-400077

TO WHOMSOEVER THIS MAY CONCERN

This is to certify that Ashwija Shetty, Gaurav Vaswani and Urmi Jadhav of Vivekanand Education Society's Institute of Technology, Fourth Year Computer Engineering have satisfactorily completed their project titled 'Application Development and Data Analysis' at Municipal Corporation of Greater Mumbai as a partial fulfilment of the BE degree of Mumbai University under the guidance of Mr.Suryakant Satpute and college mentor, Mrs.Manisha Gahirwal.

Date: 21/4/2017


Mr. Suryakant Satpute
SE (S.W.M.) 'N' Ward
S. E. (S.W.M.) 'N'


Asstt. Engr (SWM) 'N' Ward

Asstt. Engr. (SWM) N

Asstt. Engr. (S.W.M.) N.
M.C.G.M. N Ward Office,
Jawahar Road,
Ghatkopar (E), Mumbai - 400 077



VIVEKANAND EDUCATION SOCIETY'S
INSTITUTE OF TECHNOLOGY

Department of Computer Engineering



Certificate

This is to certify that *Urmi Jadhav, Ashwija Shetty, Gaurav Vaswani* of Fourth Year Computer Engineering studying under the University of Mumbai have satisfactorily completed the project on "*Swachh Saarthi- Application Development for MCGM*" as a part of their coursework of PROJECT-II for Semester-VIII under the guidance of their mentor *Prof. Manisha Gahirwal* in the year 2016-2017 .

This project report entitled "*Swachh Saarthi- Application Development for MCGM*" by *Urmi Jadhav, Ashwija Shetty, and Gaurav Vaswani* is approved for the degree of *Bachelors in Computer Engineering*.

Programme Outcomes	Grade
PO1,PO2,PO3,PO4,PO5,PO6,PO7, PO8, PO9, PO10, PO11, PO12 PSO1, PSO2	

Date: 2-5-17

Project Guide: Internal and External

Sanam K

Manisha G

Project Report Approval for B. E (Computer Engineering)

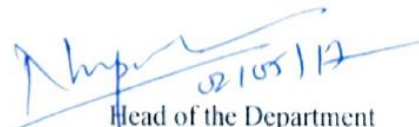
This project report entitled "*Swachh Saarthi- Application Development for MCGM*" by *Urmi Jadhav, Ashwija Shetty, Gaurav Vaswani* is approved for the degree of *Bachelors in Computer Engineering*.


Internal Examiner

Mrs. Manish Gahirwal

External Examiner





Head of the Department

Dr. (Mrs) Nupur Giri

Principal

Dr. (Mrs) J.M.Nair





Date: 2-5-17

Place: Mumbai

Abstract

Change is the need of nature and so the change is required in every phase of life for better development. To design and develop the application for the existing system of MCGM, to help working with technological advancement. An application which is a proposed system, an initiative for the "Swachh Bharat Abhayan" to help MCGM with their daily routine clean drive. As managing the complete waste management is always challenging and difficult for the various sectors of industry and society. As the technology booms, the need to enhance the system are needed. The application is divided into two parts as web based application and an android application.

The web application and the android application implementing the Dijkstra algorithm for analysing the nearest vehicle and firebase technology for an android application. The Dijkstra algorithm is implemented to send notification to the nearest vehicle, when the current route vehicle gets full. This helps the system to act fast and saves time. The vehicles leave the MCGM office with the complete map of the routes and the pickup spots. The wastes are collected and if the vehicle gets full before reaching the end location then the message is sent to the nearby vehicle. The garbage full vehicle moves towards the dumping ground to empty the same. The calculation of garbage is done on weights for analysis. The MCGM, being the super admin has the complete control of the web and the android application. The details and the log details of all the ward offices, contractors, and vehicles log are administered by MCGM.



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Ref. No.:

Date :

Date: April 24, 2017

Subject: Successful completion of the project "ERP and Data Analysis System for Printing Industry".

This is to certify that following students Varun Golani, Hitesh Hinduja, Akshay Dudani, Khushboo Jethwani have completed the project titled "ERP and Data Analysis System for Printing Industry" at the Sai Pack Industry with all the required documentation and reports.

They worked as interns for the period from 14th July 2016 to 31st March 2017.

This training period with our Company entailed dealing with important and sensitive information, records and such other matters of the company. They, therefore, will have to maintain the secrecy agreement of the company specifically for this project. Company reserves the right to be informed as and when the project details are presented or published at any level.

Best Regards,



(Monie Dudani)

(Proprietor, Sai Pack Industry)

VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF
TECHNOLOGY
Department of Computer Engineering



Certificate

This is to certify that *Varun Golani, Hitesh Hinduja, Akshay Dudani, Khushboo Jethwani* of Fourth Year Computer Engineering studying under the University of Mumbai have satisfactorily completed the project on “*ERP System for Printing Industry*” as a part of their coursework of PROJECT-II for Semester-VIII under the guidance of their mentor *Prof. Gresha Bhatia* in the year 2016-2017 .

This thesis/dissertation/project report entitled (*ERP System for Printing Industry*) by (*Varun Golani, Hitesh Hinduja, Akshay Dudani, Khushboo Jethwani*) is approved for the degree of **Bachelor of Engineering(B.E.)**

Programme Outcomes	Grade
PO1, PO2, PO3, PO4, PO5, PO6, PO7 PO8, PO9, PO10, PO11, PO12 PSO1, PSO2	O

Date:

Project Guide: Internal and External

[Signature]

**Project Report Approval
For
B. E (Computer Engineering)**

This thesis/dissertation/project report entitled (*ERP System for Printing Industry*)
by (*Varun Golani, Hitesh Hinduja, Akshay Dudani, Khushboo Jethwani*) is
approved for the degree of **Bachelor of Engineering(B.E.)**

Internal Examiner

G. Dhatic

External Examiner

D. Vora

N. N. N. N.
01/05/17
Head of the Department

Jayalekshy

Principal

Date:
Place:



Abstract

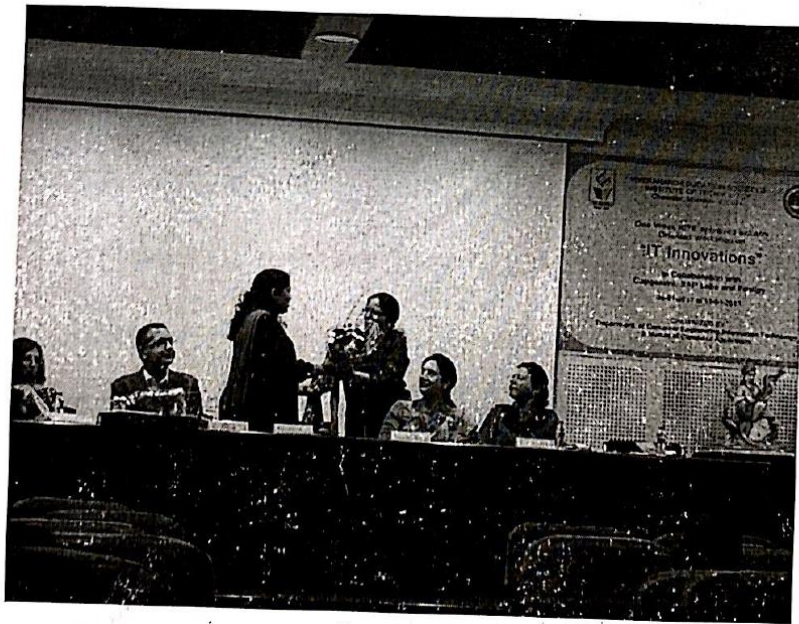
The number of processes to manage in a printing industry becomes very complex to manage. On the given requirements the goal is to create an overall system that manages the tasks such as stock management, accounting, employee management, machine status management, order tracking. The development based on many components is advantageous for building the ERP system according to business needs and makes the maintenance and upgrading becomes more convenient. There is a queuing model for managing jobs in different phases. These phases include Printing,Lamination,Punching,Corrugation and Pasting,Delivery.The Printing queue is a priority queue consisting of three priorities(Normal,High,Highest) and the rest phases have an FCFS queue.The Stock table is auto managed by the software and purchases are also tracked. Employee Management System also has options for Insert,Delete,Update,View Employee. This report also tells us about how the business requirements are achieved by the ERP system.

Report on One Week ISTE approved Industry Oriented Workshop on "IT Innovations" in collaboration with cag Gemini, SAP Labs and Foslipy.

"IT Innovations", One Week ISTE approved Industry Oriented Workshop conducted in collaboration with cag Gemini, SAP Labs and Foslipy from 5th January 2017 to 11th January 2017. The workshop was organized by departments of computer engineering, information technology and Master of Computer Applications. Total 63 participants were registered for the same.

Highlight of the session was an industrial visit to cag Gemini and practical session on Python Data Analytics. Following topics were conducted during Workshop :

- Cloud Computing
- Service Oriented Architecture
- Internet of Things
- Agile Methodology and SDLC Concept
- User interface Design

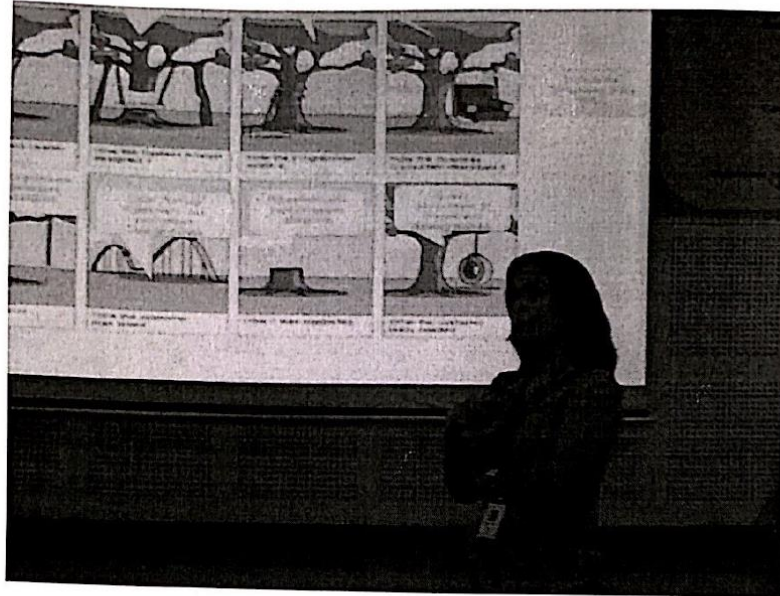


Inaugural Session

Inauguration session was held on 5th January 2017, keynote speaker was Mrs. Darshana Ogale, Sr. Vice President, cag Gemini. She briefed about various areas in IT Innovations and also explained cag Gemini contribution to the same. The sessions for the day was

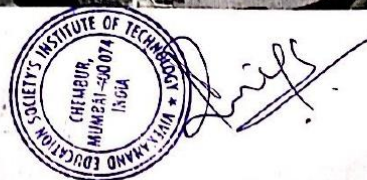
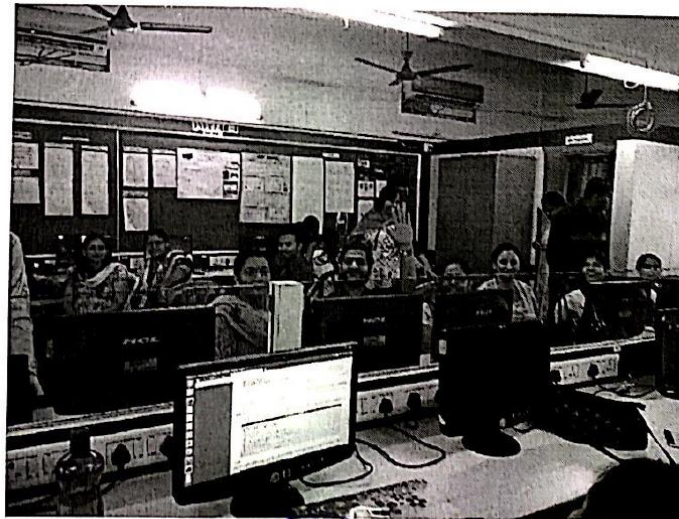


taken by Mr. Niranjan Sathe, about the importance of Software Architecture and Service Oriented Architecture.



Session on "SDLC Concepts" by Mrs. Simi Vinod, capgemini

Day 2 started with Internet of Things (IoT), the speaker Mr. Manish Parulekar discussed various IoT projects and it's applications. A Project demo done by the team was also shown during the session. Next session was conducted by Mrs. Simi Vinod from capgemini, she has explained industry perspective of Agile Technology and Software Engineering.



Lab Session on “Python Programming and Data Analytics” , Foslipy Pvt. Ltd.

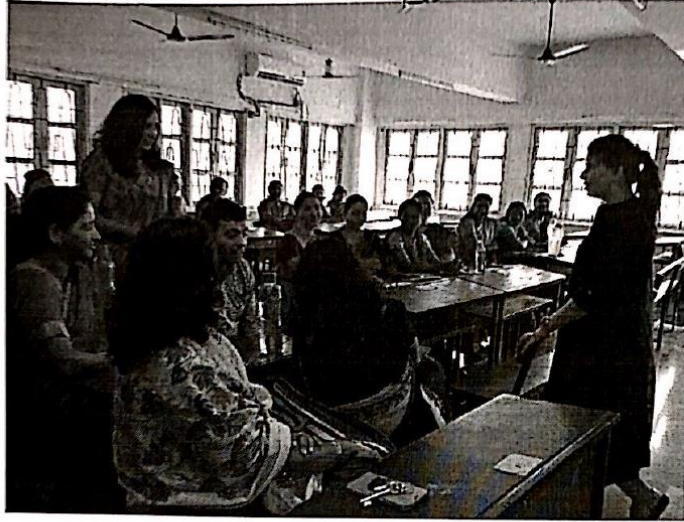
Day 3 was Hands on session on Python for Data Analytics by Foslipy expert.

Day 4 was Industry visit to capgemini at Airoli campus where lab session was conducted on Angular JS by Kavita Arrora.



Industrial Visit at capgemini Campus, Airoli.

Day 5 and 6 was on topic of user interface design by SAP Labs Expert, Mr Nitin Kumar and Ms. Nivedita Ganjoo . The Session started with the introduction of user interface design, later group activity was conducted based on a given problem scenario, where each group presented their Persona, POV, sketches & Storyboards. Final product model was developed with the detailed description of use cases and the usability testing was carried out by co-tester of other groups.

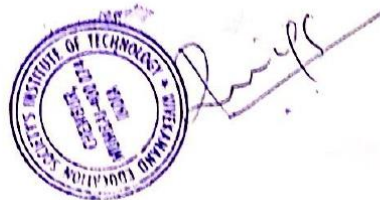


“User Interface Design” Session by Ms. Nivedita Ganjoo, SAP Labs



FDP Participants

Followed by which was valedictory function and certificate distribution by Vice Principal Mam.





**VIVEKANAND EDUCATION SOCIETY'S
INSTITUTE OF TECHNOLOGY
Chembur, Mumbai- 400074**



Schedule for Industry Oriented Workshop on "IT Innovations"		
Day#	Time	Topic
Day 1(5/1/2017)	8:30 AM to 9:00 AM	Registration and Breakfast
Thursday	9:00 AM to 10:00 AM	Opening Ceremony and Key Note Address Darshana Ogale , Sr. Vice President, Caggemini
	10:00 AM to 11:30 AM	Session 1 - Cloud Computing Manoj Bhojwani, Senior Director caggemini
	11:30 AM to 1:00 PM	Session 2 – Software Architecture Niranjan Sathe, Senior Director caggemini
	1:00 PM to 2:00 PM	Lunch Break
	2:00 PM to 3:30 PM	Session 3 – Service Oriented Architecture Nitin Kadam, Director caggemini
Day 2(6/1/2017)	9:30 AM to 10:00 AM	Breakfast
Friday	10:00 AM to 11:30 AM	Session 4 – Internet of Things

		Manish Parulekar, Senior Technical Architect cappgemini
	11:30 AM to 1:00 PM	Session 5 – Agile Methodology Simi Vinod, Director cappgemini
	1:00 PM to 2:00 PM	Lunch Break
	2:00 PM to 3:30 PM	Session 6 - Software Engineering and SDLC Concept Simi Vinod, Director cappgemini
Day 3(7/1/2017)	9:30 AM to 10:00 AM	Breakfast
Saturday	10:00 AM to 1:00 PM	Lab Session on Python (Foslipy Pvt Ltd)
	1:00 PM to 2:00 PM	Lunch Break
	2:00 PM to 4:00 PM	Lab Session on Python (Foslipy Pvt Ltd)
Day 4(9/1/2017) CG office Monday Training room 2 – cappgemni campus(Airoli)	9:00 AM Onwards	Practical Session – Angular JS Kavita Arora 2 batches: 9.00-1.00 : 1 st Batch 2.00 – 6.00: 2 nd batch
Day 5(10/1/2017)	9:30 AM to 10:00 AM	Breakfast
Tuesday	10:00 AM to 1:00 PM	Session 7 – User interface Design ,Usability and strategy, User Research & Persona & POV . (Nitin and Nivedita)
	1:00 PM to 2:00 PM	Lunch Break
	2:00 PM to 4:30 PM	Session 8 – Sketching & Storyboard , Use Case , Design Principles & Guidelines. (Nitin and Nivedita)
Day 6(11/1/2017)	9:30 AM to 10:00 AM	Breakfast
Wednesday	10:00 AM to 1.00 PM	Session 9 – Industry trends , Prototyping & Usability Testing. (Nitin and Nivedita)
	1:00 PM to 2:00 PM	Lunch Break
	2.00 AM to 4.00 PM	Session 10 – Usability Testing 2 , Colors and Visuals , Do's and Don'ts & Wrap-up. (Nitin and Nivedita)
	4.00 PM to 4.30PM	Valedictory function.

**VIVEKANAND EDUCATION SOCIETY'S
INSTITUTE OF TECHNOLOGY**
Chembur, Mumbai-400074



Organizes One Week ISTE approved Industry Oriented Workshop on



**"IT Innovations" in Collaboration with
Cap Gemini, SAP Labs and Foslipy**

VESIT, approved by AICTE and affiliated to Mumbai University is recognized as one of the premier Engineering Colleges in Mumbai. It is offering Undergraduate and Postgraduate programs in Engineering. At present, VESIT offers M.C.A and B.E. programs in Computer, IT, EXTC, Instrumentation and Electronics Engineering branches. It offers Ph.D and M.E in selected streams.

VESIT has been constantly organizing short-term courses on forefront technologies to enable faculty keep abreast with the latest trends. Continuing with this trend, VESIT is organizing one week ISTE approved Industry oriented workshop on IT Innovations.

The STIP will be conducted by the Technical Evangelist and Entrepreneurs who are specialized in their respective areas. Take advantage of this unique opportunity to enhance your skills, add value to your organization, and advance your career.

**Dr. Mrs. J.M. Nair
Principal**

COURSE SCHEDULE:

DATE: 05-01-2017 to 11-01-2017
TIME: 9:00 am - 4:00 pm

COURSE OBJECTIVES:

- Learn current and future technology and innovation management initiatives.
- To impart this knowledge to students to enable them to solve some of society's most pressing challenges using creative problem-solving skills and global awareness.
- Understanding current technologies and their applicability to individual and organizational needs.

COURSE CONTENTS:

IT Innovations aims to bridge the gap between academia and industry. The workshop covers the following topics:

- Cloud Computing
- Internet of Things (IoT)
- Software Architecture
- Agile Methodology
- Service Oriented Architecture
- Software Engineering & SDLC
- Angular JS
- Python Programming & Analytics
- User Interface Design

The Course helps to empower the participants to be able to handle these upcoming technologies and deliver these concepts to the future students. The highlight of this program include practical session at industry.

VENUE:

VES Institute of Technology (VESIT)
Hashu Advani Memorial Campus
Collector Colony, R.C. Marg,
Mumbai-74

Organizing Committee Patrons :

Dr. J. M. Nair
Principal, Vesit

Dr. M. Vijayalakshmi
Vice Principal, Vesit

COURSE CONVENOR:
Dr. Nupur Giri
HOD, Computer Department

Dr. Shalu Chopra
HOD, IT Department

Mrs. Nishi Tikku
HOD, MCA Department

COURSE COORDINATORS :

Mrs. Sangeeta Oswal
Mrs. Priya R. L
Mrs. Jayshree Hajgude

WHO SHOULD ATTEND :

The course has a special focus for teaching faculty of Computers, IT and MCA departments of Engineering and Polytechnic colleges to enable them to transfer these new technologies to the future engineers and researchers.

COURSE FEES :

- ISTE Life Members : Rs 2000
- Non ISTE Life Members : Rs. 5000
(inclusive of ISTE life membership fees)

REGISTRATION :

You are requested to send fees through cheque along with the application form on or before 28th December 2016 (For Cashless payment contact coordinators)

VIVEKANAND EDUCATION SOCIETY'S
INSTITUTE OF TECHNOLOGY
Chembur, Mumbai- 400074



Organizes One Week ISTE approved
Industry Oriented Workshop on



"IT Innovations"
in
Collaboration with

Cap Gemini, SAP Labs and Fosliply

05-01-2017 to 11-01-2017

ORGANIZED BY

DEPARTMENT OF COMPUTER
ENGINEERING, INFORMATION
TECHNOLOGY & MASTER OF COMPUTER
APPLICATION

CONTACT PERSONS:

Mrs. Sangeeta Oswal
Assistant Professor
Department of MCA
VESIT
Email: sangeeta.oswal@ves.ac.in
Mobile no. : 9821558234

Mrs. Priya R. L
Assistant Professor
Department of Computer Engineering
VESIT
Email: priya.rl@ves.ac.in
Mobile no. : 9167093201

Mrs. Jayshree Hajgude
Assistant Professor
Department of Information Technology
VESIT
Email: jayashree.hajgude@ves.ac.in
Mobile no. : 9869756845

V.E.S.I.T CONTACT DETAILS :

Tel (O): 022 - 61532532/ 61532500

REGISTRATION FORM

Name: _____
(Mr./Mrs.)

Designation: _____

Organization: _____

Address: _____

Phone: _____

E-Mail: _____

Enclosed (Cheque no): _____

(Drawn in favor of "Principal Vivekanand
Education Society's Institute of Technology,
payable at Mumbai")

Dated _____ of Rs. _____

Date: _____ Signature: _____

(For additional copies please Xerox this form)



Dr. Priya R.L.
(Mrs. Priya R.L.)

Report
On
Cloudera Academic Partnership (CAP)

Cloudera – VESIT Collaboration for “**Developing with Spark and Hadoop**” training was conducted from 26th September 2016 to 8th April 2017.

The schedule of the course is attached. The course span was 36 hrs including theory and lab session which was conducted by following faculty members

1. Dr. M. Vijayalakshmi (Department of Information Technology)
2. Mrs. Asha Bharambe (Department of Information Technology)
3. Mrs. Sangeeta Oswal (Department of MCA)
4. Mrs. Sujata Khedkar (Computer Engineering Department)

The course included topics on basics of Hadoop, its ecosystem, and components and MapReduce. The lab was conducted on the Virtual machine provided by Cloudera.

The course was attended by final year students of Computers, IT and Second MCA. The list of the students is attached.



A handwritten signature in blue ink, appearing to be "A. B.", written over a horizontal line.

**Vivekanand Education Society's
INSTITUTE OF TECHNOLOGY**

2016-2017

List of Students

Sr.No	Computers	IT	MCA
1	Himani Shah	Nikita Kandalkar	Sayali Chavan
2	Tanvi Punjabi	Ankita Tanawade	Prajakta Akerkar
3	Shikha Soneji	Vasant A. Pawar	Niveta Lavhate
4	Monish Narwani	Grishma Bhatt	Pooja Mulam
5	Divya Despande	Dinesh Rajpal	Renu Patil
6	Amala Despande	-	Akanksha Tembye
7	Deepika Khatri	-	Sneha Velankar
8	Aditya Wakade	-	Pravin Gawas
9	Aditya Suresh	-	Raju Gatla
10	Omkar Patinge	-	Adrian Viegas
11	Latika Wadhwa	-	Yatin
12	Sunny Ramrakhiani	-	Bharati Nadar
13	Kashyap Chetan Kotak	-	Sudarshan Shinde
14	Kevin Shah	-	Vinaya Poojari
15	Devendra Kamalapurkar	-	Snehal Johny
16	Varun Golani	-	Suraj Sreedharan
17	Sagar Bhojwani	-	Ajinkya Dalvi
18	Sunil Bhatia	-	Hitesh Patil
19	Neetal Chaudhari	-	M Prabhanath Nair
20	Apoorva Mahale	-	Nihaal Mehta
21	Payal Rajani	-	Sachith Poojary
22	Jayesh Mandhyani	-	-
23	Mrunmagee Mujumdar	-	-
24	Anant Gupta	-	-
25	Sharvari Jalit	-	-

**Vivekanand Education Society's
INSTITUTE OF TECHNOLOGY**

2016-2017

**“Developing with Spark and Hadoop”
ODD SEM**

Schedule: Timings: 8:10 to 10:20 (each day)

Resource Person	Agenda	Task	Dates
Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal	Introduction Motivations for Hadoop Hadoop Ecosystem	Session 1	26/09/2016 (MV) (Monday)
Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata khedkar Mrs. Sangeeta Oswal	Hadoop Architecture and HDFS	Session 2	27/08/2016 (MV) (Tuesday)
Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal	Hadoop Architecture Continued(Yarn)	Session 3	28/09/2016 (AB) (Wednesday)
Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal	Sqoop	Session 4	30/09/2016 (SO) (Friday)
Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal	Introduction to Impala & Hive	Session 5	01/09/2016 (SKH) (Saturday)
Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal	Modeling and Managing Data using Hive and Impala	Session 6	05/10/2016 (AB) (Wednesday)
Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal	Data Format	Session 7	06/10//2016 (SKH) (Thursday)
Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal	Data File Partitioning	Session 8	07/10/2016 (SO) (Friday)
Mid Term Break	Exam		

**Vivekanand Education Society's
INSTITUTE OF TECHNOLOGY**

2016-2017

Resource Person	Agenda	Task	Dates
Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal	Capturing Data with Apache Flume	Session 9	04/02/2017 (SKH) (Saturday)
Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata khedkar Mrs. Sangeeta Oswal	Distributed Data Processing with Spark Spark Basics	Session 10	11/02/2017 (SO) (Saturday)
Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal	Working with RDDs in Spark	Session 11	18/02/2017 (AB) (Saturday)
Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal	Aggregating Data with Pair RDDs	Session 12	04/03/2017 (AB) (Saturday)
Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal	Writing and Deploying Spark Applications	Session 13	11/03/2017 (SO) (Saturday)
Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal	Parallel Data Processing in Spark	Session 14	18/03/2017 (SKH) (Saturday)
Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal	Spark RDD Persistence	Session 15	25/03/2017 (AB) (Saturday)
Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal	Common Pattern in spark Data Processing	Session 16	01/04/2017 (SO) (Saturday)
Dr. Mrs. M. Vijayalakshmi Mrs. Asha Bharambe Mrs. Sujata Khedkar Mrs. Sangeeta Oswal	Sprak SQL and Data Frame	Session 17	08/04/2017 (SKH) (Saturday)

**Vivekanand Education Society's
INSTITUTE OF TECHNOLOGY**

2016-2017

Sr. No.	Project Description	Dataset
1	<p>Politics & Analytics</p> <p>-use Big Data Technology to analyze different parties performance using social media data</p> <ol style="list-style-type: none"> 1. Which candidate is being talked about the most?(top candidate of each party) 2. What are the sentiments for the major parties in India? 3. Where geographically are they being most talked about? 4. Compare popularity and ranking in social media 5. Observe the change in trends over time 	<p>-Twitter API</p> <p>- Tracking certain keywords and collecting data like user information, geo-location and the text</p>
2	<p>Negative reviews analysis and customer needs identification</p> <p>OR</p> <p>Identification of Fake Reviews</p> <ul style="list-style-type: none"> •Spam Reviews •Reviews not helpful <p>And Reviews Clustering and sentiment analysis.</p>	<p>Yelp dataset</p> <p>https://www.yelp.com/dataset_challenge/dataset</p> <p>Algorithms</p> <p>Recommendation/</p> <p>Clustering:</p> <ul style="list-style-type: none"> •SVM •Sentiment Analysis •Latent Dirichlet Allocation (LDA)
3	<p>Book Recommender</p> <p>Algorithms:</p> <p>User based recommendation and Item based recommendation</p> <p>Enter a book you like and the application will analyze huge database of all users' information to recommend books for you as your next Suggested read.</p>	<p>http://www2.informatik.uni-freiburg.de/~cziegler/BX/</p> <p>It contains 278,858 users (anonymized but with demographic information) providing 1,149,780 ratings (explicit / implicit) about 271,379 books.</p> <p>Algorithms:</p> <p>Tools:</p> <p>→Java, Spark, Hadoop and Mahout for the analytics</p>
4	Descriptive Analytics of Stock Data	www.Nsebse.com ,

Vivekanand Education Society's
INSTITUTE OF TECHNOLOGY

2016-2017

	- Time plots of monthly price and returns - High and Low value close	finance.yahoo.com
5	Bank / Financial Institute - Customer complaint analysis	https://catalog.data.gov/dataset/consumer-complaint-database
6	Web Server Log Analysis Find fraudulent behavior	Get dataset from internet
7	Twitter data analytics for movie recommendation	Get the data from twitter about different movies opinions
8	Hotel review analytics E.g. Taj Hotel Mumbai	TripAdvisor.com, Twitter data

Big Data Projects

VESIT
 Cloudera Academic Training
 for Developing with Spark and Hadoop Year : 2016-17

Department :- CMPN		List of student						Class:- D17A						Attendance Sheet			
Sr.No.	Name	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
1	Himani Shah	4/13/17	8/2/17	25/2/17	01/4/17	8/4/17									8	5	12
2	Tanvi Punjabi	A	A	A	A	A									8	2	10
3	Shikha Sonje	A	A	A	A	A									7	5	12
4	Morish Narwani	A	A	A	A	A									8	3	11
5	Diyya Despande	A	A	A	A	A									8	5	13
6	Amala Despande	A	A	A	A	A									8	4	12
7	Deepika Khatri	A	A	A	A	A									5	4	9
8	Aditya Wakade	A	A	A	A	A									5	4	9

Department :- CMPN		List of student						Class:- D17B						Attendance Sheet			
Sr.No.	Name	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
1	Aditya Suresh	4/13/17	8/2/17	25/2/17	01/4/17	8/4/17									8	5	10
2	Omkar Patil	A	A	A	A	A									8	3	11
3	Latika Wadhwa	A	A	A	A	A									8	4	12
4	Sunny Ramrakhiani	A	A	A	A	A									6	0	6
5	Kashyap Chetan Kotak	A	A	A	A	A									7	4	11
6	Kevin Shah	A	A	A	A	A									7	1	8
7	Devendra Kamalapurkar	A	A	A	A	A									5	0	5
8	Varun Golani	A	A	A	A	A									6	1	7
9	Sagar Bhojwani	A	A	A	A	A									8	2	10

VESIT
 Cloudera Academic Training
 for Developing with Spark and Hadoop Year : 2016-17

Department :- CMPN		List of student						Class:- D17C			Attendance Sheet		
Sr.No.	Name	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	
1	Sunit Bhatia	A	A	A	A	A				4	2	6	
2	Neetal Chaudhari	A	A	A	A	A				2	0	2	
3	Apoorva Mahale	A	A	A	A	A				8	8	16	
4	Payal Rajani	A	A	A	A	A				7	6	13	
5	Jayesh Mandhyani	A	A	A	A	A				7	6	13	
6	Mrunalgec Mujumdar	A	A	A	A	A				7	2	9	
7	Anant Gupta	A	A	A	A	A				6	0	6	
8	Sharvari Jalit	A	A	A	A	A				6	0	6	

VESIT
 Cludera Academic Training
 for Developing with Spark and Hadoop Year : 2016-17

Department :- MCA		List of student							Class:- Morning Shift			Attendance Sheet		
Sr.N o.	Name	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
1	Bhareti Nader	A	A	A	A	A	A	A	A	A	A	A	A	A
2	Sudarshan Shirde	P. Shirde	Shirde	Kavadi	Shirde	A	Shirde	A	Shirde	A	Shirde	A	Shirde	A
3	Vinaya Poolari	A	Shirde	A	Shirde	Shirde	Shirde	A	Shirde	A	Shirde	A	Shirde	A
4	Snehal Johnny	P. Johnny	Johnny	Johnny	A	Johnny	Johnny	Johnny	Johnny	A	Johnny	A	Johnny	A
5	Suraj Sreedharan	P. Sreedharan	Sreedharan	Sreedharan	A	Sreedharan	Sreedharan	Sreedharan	Sreedharan	A	Sreedharan	A	Sreedharan	A
6	Ajinkya Dalvi	P. Dalvi	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi	A	Dalvi	A	Dalvi	A	Dalvi	A
7	Hitesh Patil	X	A	A	A	A	A	A	A	A	A	A	A	A
8	M. Prabhakar Nair	P. Nair	Nair	Nair	Nair	Nair	Nair	A	Nair	A	Nair	A	Nair	A
9	Nirnaal Mehra	P. Mehra	Mehra	Mehra	Mehra	Mehra	Mehra	A	Mehra	A	Mehra	A	Mehra	A
10	Sachith Poojary	P. Poojary	Poojary	A	A	A	Poojary	Poojary	Poojary	A	Poojary	A	Poojary	A

VESIT
 Cloudera Academic Training
 for Developing with Spark and Hadoop Year : 2016-17

Department :- MCA		List of student					Class:- Morning Shift					Attendance Sheet		
Sr.N o.	Name	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
1	Bharati Nadar	A	A	A	A	A	A	A	A	A	0	0	0	
2	Sudashan Shinde	A	A	A	A	A	A	A	A	A	6	4	10	
3	Vinaya Poojari	A	A	A	A	A	A	A	A	A	4	0	4	
4	Snehal Johnny	A	A	A	A	A	A	A	A	A	7	0	7	
5	Suraj Sreedharan	A	A	A	A	A	A	A	A	A	7	0	7	
6	Ajinkya Dalvi	A	A	A	A	A	A	A	A	A	5	0	5	
7	Hitesh Patil	A	A	A	A	A	A	A	A	A	0	0	0	
8	M Prabhanath Nair	A	A	A	A	A	A	A	A	A	6	0	6	
9	Nihaal Mehta	A	A	A	A	A	A	A	A	A	7	1	8	
10	Sachith Poojary	A	A	A	A	A	A	A	A	A	4	0	4	

VESTI
 Cloudera Academic Training
 for Developing with Spark and Hadoop Year : 2016-17

Department :- MCA

List of student

Class: Afternoon Shift

Attendance Sheet

Sr.N o.	Name	Attendance Sheet									
		Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
1	Sayali Chavan	26/09/2016	27/09/2016	28/09/2016	30/09/2016	01/10/2016	05/10/2016	07/10/2016	08/10/2016	11/10/2016	12/10/2016
2	Prajakta Akerkar	A	A	A	A	A	A	A	A	A	A
3	Niveta Lavhate	A	A	A	A	A	A	A	A	A	A
4	Pooja Mulam	A	A	A	A	A	A	A	A	A	A
5	Renu Patil	A	A	A	A	A	A	A	A	A	A
6	Akanksha Tembye	A	A	A	A	A	A	A	A	A	A
7	Sneha Velankar	A	A	A	A	A	A	A	A	A	A
8	Pravin Gawas	A	A	A	A	A	A	A	A	A	A
9	Raju Gatta	A	A	A	A	A	A	A	A	A	A
10	Adrian Viegas	A	A	A	A	A	A	A	A	A	A

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VESIT
 Cloudera Academic Training
 for Developing with Spark and Hadoop Year : 2016-17

Sr.N o.	Name	List of student					Class: Afternoon Shift			Attendance Sheet		
		Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
1	Sayali Chavan	A	A	A	A	A				2	0	2
2	Prajakta Akerkar	A	A	A	A	A				2	0	2
3	Niveta Lavhate	A	A	A	A	A				6	5	11
4	Pooja Mulam	A	A	A	A	A				8	6	14
5	Renu Patil	A	A	A	A	A				7	0	7
6	Akanksha Tembye	A	A	A	A	A				7	0	7
7	Sneha Velankar	A	A	A	A	A				7	0	01
8	Pravin Gawas	A	A	A	A	A				7	7	14
9	Raju Gaita	A	A	A	A	A				7	3	10
10	Adrian Viagas	A	A	A	A	A				7	8	15
11	Yatin	A	A	A	A	A				4	01	5

VEST
 Cloudera Academic Training
 for Developing with Spark and Hadoop Year : 2016-17

Department :- INFY		List of student										Class: D20		
Sr.N o.	Name	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Attendance Sheet		
												Date	Date	Date
1	Nikita Kandalikar	P Nikita	P Nikita	A Nikita	Nikita	Nikita	Nikita	Nikita	A	A	A	Nikita	Nikita	Nikita
2	Ankita Tanawade	P	P	P	A	A	A	A	A	A	A	A	A	A
3	Vasant A. Pawar	P	P	P	LAB	LAB	LAB	LAB	A	A	LAB	A	A	LAB
4	Grishma Bhatt	P Grishma	P Grishma	P Grishma	LAB	LAB	LAB	LAB	A	A	A	LAB	LAB	LAB
5	Dinesh Rajpal	P	A	A	A	A	A	A	A	A	A	LAB	LAB	A
6														
7														

37/11/17

VESIT-DLink Campus Connect Programme

D-LINK Specialist Level Course

D-Link®

Building Networks for People

The D-Link Specialist Level program was conducted from 20th March 2017 till 24th March 2017 by Mr. Nilesh Vartak from the D-Link Academy at Room no.406, Department of Electronics and Telecommunication, V.E.S. Institute of Technology. The program was for students who wanted detailed study of wireless networks and networking devices. The program mainly involved the "Study of Wireless networks".

There were 19 students of Electronics and Telecommunication who were a part of this program. The duration of this program was 20 hours. The first day witnessed the introduction to various networking components, how the network actually works and all the networking devices like routers, access points, wireless switches and controllers. There were separate lab sessions after the lunch break which helped the students to understand the relationship between the courses learn and how they are used in the industry. Configuring a standalone AP, AP in WDS modes were some of the interesting lab sessions that were conducted.

The next three days mainly involved the detailed study of wireless networks, WLAN security, how to design a network, various IEEE 802.11 amendments and standards, AP arrays and AP manager basics and other industry-oriented courses. The students learnt how the industry actually works when it comes to designing wireless networks. The lab sessions were also conducted, as usual after the lunch break. A visit to the server room was also conducted where the entire network of the college and how the data flow occurs was thoroughly explained.

Overall, the program was very informative and industry-oriented, where the students not only learn the courses but also worked on them during the lab sessions, thus preparing themselves for the industry.

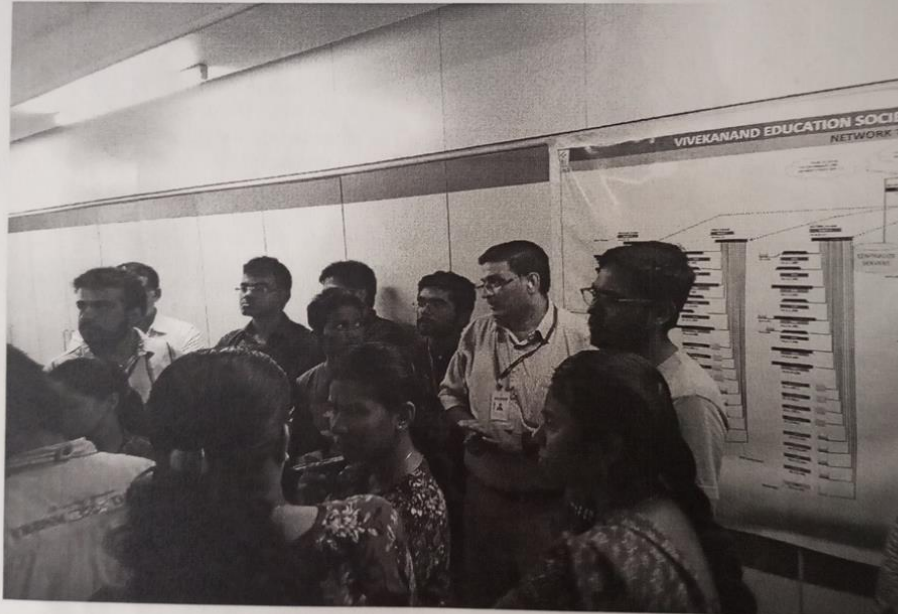
*Nilesh Vartak, M. Sc.
HOD / Electronics & Telecom
EXTC*



Ranjan

The contents cover in course are as follows

1. Introduction to wireless technology
2. Radio frequency basics
3. Antenna concepts and types
4. IEEE 802.11 Essentials
5. IEEE 802.11 Amendments
6. Wi-Fi Alliance certification
7. Small business and teleworker WLAN security
8. Basic WLAN Design consideration
9. Configuring standalone AP
10. Standalone operation modes
11. Standalone AP management
12. Introduction to unified wireless solution
13. Unified wireless usage





**Fivekanand Education Society's Institute of Techno
Department-Electronics & Telecommunication
D-Link Training
March 2017**

Name	20/03	21/03	22/03	23/03	24/03	25/03
Sachin Kumar Prayagati	Present	Present	Present	Present	Present	Present
Hemanta Chugh	Present	Present	Present	Present	Present	Present
Rajv Bind	Present	Present	Present	Present	Present	Present
Akshay Sarawade	Present	Present	Present	Present	Present	Present
Mirra Pillai	Present	Present	Present	Present	Present	Present
AMETHAVALLI S	abs	abs		abs	abs	
Mrunmayi Sawant	Present	Present	Present		Present	
Dakshata Patil	Present	Present	Present			
Shilpa R. Malviya	Present	Present	Present	Present	Present	Present
Vishal M. Jadhav	Present	Present	Present	Present	Present	Present
Akshay S. Dhok	Present	Present	Present	Present	Present	Present
GAUTAM KURSEJA	Present	Present	Present	Present	Present	Present
ROHAN MOHANDAS	Present	Present	Present	Present	Present	Present
Sakshi Talreja	Present	Present	Present	Present	Present	Present
SAUBHAM KOVANDI	Present	Present	Present	Present	Present	Present
HEREKHA CHUGH	Present	Present				
KETAN VAIDYA	Present	Present	Present	Present	Present	Present
Rohan Monamans						
Rajv Bind						
Ramanathan. C	Present	Present	Present	Present	Present	Present
Kanika Bhalin			Present	Present	Present	Present
Lehak Thainsau			Present	Present	Present	Present

D-Link_DCS WLAN Exam Code

Name	Email-ID	Class	Exam	DCS-WLAN Exam Code
Akshay Dhok	akshay.dhok@ves.ac.in	TE	DCS-WLAN	24XDNJ9WYBWY8ET4TKAD
Gautam Kurseja	gautam.kurseja@ves.ac.in	BE	DCS-WLAN	24XEYJ96YC6Z9F55TKJE
Harsh Bhatia	harsh.bhatiaa@ves.ac.in	BE	DCS-WLAN	25L5B8JHYCTNLS6FTJJC
Hemendra Chugh	hemendra.chugh@ves.ac.in	BE	DCS-WLAN	29AKZ28DAT6HXA7YKQGB
Lehak Dharmani	lehak.dharmani@ves.ac.in	BE	DCS-WLAN	28572G3ML93E94CH87HB
Mrunmayi Sawant	mrnmayisa@yahoo.com	ME	DCS-WLAN	2DJBYTTSXMQX8QP3TWHF
Shilpa Maurya	shilpa.maurya@ves.ac.in	BE	DCS-WLAN	2DJCYTTSXMHM8QFRTWFJ
Sachin Prajapati	sachinkumar.pra-japati@ves.ac.in	BE	DCS-WLAN	2M36A4PWWTYDHN9HGRDD
Shivesh Hir-anandani	shivesh.hir-anandani@gmail.com	BE	DCS-WLAN	2YLTCCW3AS8S9L5LSPJB

Name	Email-ID	Class	Exam	DCS-WLAN Exam Code
Akshay Dhok	akshay.dhok@ves.ac.in	TE	DCS-WLAN	Please register an account in academy web site
Akshay Sarawade	akshaysara1995@gmail.com	ME	DCS-WLAN	24K4B-7JGXC-SMKS6-ESKGD
Amuthavalli	amuthakrishnan20@gmail.com	ME	DCS-WLAN	27EYC-YDQ9Q-YT7WB-Z8BHF
Dakshata Patil	dakshatapatil08@gmail.com	ME	DCS-WLAN	28DFA-QBXLH-ANHBK-RFFCG
Gautam Kurseja	gautam.kurseja@ves.ac.in	BE	DCS-WLAN	Please register an account in academy web site
Harsh Bhatia	harsh.bhatiaa@ves.ac.in	BE	DCS-WLAN	Please register an account in academy web site
Hemendra Chugh	hemendra.chugh@ves.ac.in	BE	DCS-WLAN	Please register an account in academy web site
Ketan Vaidya	ketanvai@gmail.com	BE	DCS-WLAN	2C46M-ED9LJ-ZEWZX-68GGH
Lehak Dharmani	lehak.dharmani@ves.ac.in	BE	DCS-WLAN	Please register an account in academy web site
Meera Pillai	meerapillai55@gmail.com	ME	DCS-WLAN	2C673-H4NLA-3FA4C-J88JB
Mrunmayi Sawant	mrnmayisa@yahoo.com	ME	DCS-WLAN	Please register an account in academy web site
Raju Bind	rajubind29@gmail.com	ME	DCS-WLAN	2EY3B-9X7MM-7CK5H-5KXHJ
Ramanathan Choodamani	ramanathan.choodamani@ves.ac.in	BE	DCS-WLAN	2EY3B-HX7YN-7LL6R-5TXBG
Rohan Mohandas	rohan.mohandas@ves.ac.in	BE	DCS-WLAN	2F4MY-KP492-MJJHL-C7CDD
Sachin Prajapati	sachinkumar.pra-japati@ves.ac.in	BE	DCS-WLAN	2JXHZ-CTCJF-RGXKR-XT3BA
Satish Talreja	stsatish42@gmail.com	BE	DCS-WLAN	2SEKK-JMD9D-Y87HK-LGYCA
Shilpa Maurya	shilpa.maurya@ves.ac.in	BE	DCS-WLAN	Please register an account in academy web site
Shubham Koyande	shubham.koyande@ves.ac.in	BE	DCS-WLAN	2SFCC-BE526-P9Y9C-D8PJG
Vishal Jadhav	vishal.jadhav@ves.ac.in	BE	DCS-WLAN	2W97L-3HCAH-T5JAG-YTEAK

Ajinkya Valanjoo	ajinkya.valanjoo@ves.ac.in	Proff	DCT-WLAN	34YEP-K9XYC-XZ9FT-5WLEB 39XXN-EYDLW-HTKN7- YWRHA
Himali Patel	himali.patel@ves.ac.in	Proff	DCT-WLAN	3CQHN-63LMA-NRXPC- HHGDE
Pallavi Gangurde	pallavi.gangurde@ves.ac.in	Proff	DCT-WLAN	

Sample Certificate



D-LINK CERTIFIED SPECIALIST

Ramanathan Choodamani

has successfully completed the D-Link Certifications test requirements
and is recognized as the below professional

Wireless



Certified Since : **Jun 16, 2017**
Valid Through : **Jun 15, 2019**
Certificate Number : **DCS-WIR002381**



Roger Kao
Chairman & CEO, D-Link Corporation



D-LINK CERTIFIED SPECIALIST



Harsh Bhatia

has successfully completed the D-Link Certifications test requirements
and is recognized as the below professional

Wireless



Certified Since : **Jul 17, 2017**
Valid Through : **Jul 16, 2019**
Certificate Number : **DCS-WIR002385**

John Lee
John Lee
Chairman & CEO, D-Link Corporation | **D-Link**



Ranjana



2016-2017

**VESIT- NI LABVIEW Academy
LabVIEW Core 1 and Core 2 course**

Coordinator: Mrs. Kanchan Chavan


Instructors: Mrs. Kanchan Chavan, Mr. Kader Shaikh, Mrs. Sangeeta Ram

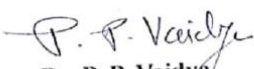
Prepared By: Mrs. Kanchan Chavan

Under NI LabVIEW academy in collaboration with National Instruments (USA), training programme on "**LabVIEW Core1 and Core2 course**" was conducted from **6th Jan to 12th Jan 2017**. Third year instrumentation (10 students) engineering students participated in this course.

The course contents are-

LabVIEW Programming Environment: components of LabVIEW, data flow, Troubleshooting and debugging VI, Implementing a VI: Data Types, documenting code, while, for loops, Timing a VI, iterative data transfer, plotting data, structures, relating data: arrays, clusters and type definition, common design techniques and patterns: sequential programming, state machines architectures, events, timing a design pattern and event programming, Data management techniques: Communicating among multiple loops: variables, functional global variable, rare condition, synchronizing data transfer, File I/O techniques: Low high and advanced, Data Acquisition and interfacing instruments: hardware setup, software, measuring analog input, generating analog output, instrument control: using GPIB, serial port, software architecture, Instrument I/O assistant, Visa and instrument drivers.


**Mrs. Kanchan Chavan
Course Co-ordinator**


**Dr. P. P. Vaidya
HOD, Instrumentation Dept**



VESIT-NI LabVIEW Academy

LabVIEW course : Core 1 & Core2

6th -12th Jan, 2017

Sr. No.		6 th Jan 17	7 th Jan 17	9 th Jan 17	10 th Jan 17	11 th Jan 17	12 th Jan 17
1	8.30-9.30am	Navigating LabVIEW --(KC)	Relating Data --(KS)	Managing Resources (KS)	Common Design Techniques(KC)	Event Programming (KS)	File I/O Techniques (KC)
	9.30-9.45am	BREAK					
2	9.45-10.45am	Navigating LabVIEW (KC)	Relating Data --(KS)	Managing Resources (KS)	Common Design Techniques (KC)	Event Programming (KS)	File I/O techniques (KC)
3	10.45-11.45am	Troubleshooting & Debugging VIs --(KC)	Relating Data --(KS)	Managing Resources (KS)	Common Design Techniques (KC)	Error Handling (KC)	Improving an Existing VI (KC)
4	11.45-12.45pm	Troubleshooting & Debugging VIs --(KC)	Relating Data --(KS)	Common Design Techniques and Patterns (KS)	Synchronisation Techniques (KS)	Error Handling (KC)	Creating & Distribution application (KC)
	12.45-1.15pm	BREAK					
5	1.15-2.15pm	Implementing a VI --(KC)	Modular application (SPR)	Common Design Techniques & Patterns (KS)	Synchronisation Techniques (KS)	Controlling the User Interface (KC)	Creating & Distribution application (KC)
6	2.15-3.15pm	Implementing a VI --(KC)	Modular application (SPR)	Using Variables (KS)	Event Programming (KS)	Controlling the User Interface (KC)	
7	3.15-4.15pm	Implementing a VI --(KC)	Managing Resources (KS)	Using Variables (KS)	Event Programming (KS)	Controlling the User Interface (KC)	

KC: Mrs. Kanchan Chavan (20 hrs)
KS: Mr. Kader Shaikh (18 hrs)
SPR: Mrs. Sangeeta P Ram (2 hrs)

H.O.D
(Instrumentation Department)
Dr. P. P. Vaidya



VES Institute of Technology

Department of Instrumentation

NI LabVIEW Academy

6th to 12th January, 2017

Afternoon

Sr No	Name	Sign					
		6/1	7/1	8/1	10/1	11/1	12/1
1	Aniket Naiv	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
2	Ashish Mhale	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
3	Hirendra Mhale	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
4	Kishan Singh	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
5	Ajinkya Deshmukh	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
6	OMKAR KAMBLE	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
7	Jimit. Patel	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
8	Avinash .S	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
9	Yash Parmar	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
10	Satyam.S. Tadao	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
11	Shalaka S. S.				[Signature]	[Signature]	[Signature]
12	Shrushti Kulkarni				[Signature]	[Signature]	[Signature]
13	Sanya Shetligar				[Signature]	[Signature]	[Signature]
14	Rutuja D. More					[Signature]	[Signature]
15	Siddhant K. Bandekar				[Signature]	[Signature]	[Signature]
16	Rishabh Kamranwar				[Signature]	[Signature]	[Signature]
17							
18							
19							
20							

Students continued from last workshop.



**NI LabVIEW Academy
Student's details 6th Jan to 12th Jan 2017**

Sr.No.	Name	Email id	Mobile no
1	Kunwar kishan singh	kunwar.singh@ves.ac.in	9773131058
2	Omkar Kamble	omkar.kamble@ves.ac.in	9821032180
3	Ajinkya Deshmukh	ajinkya.deshmukh@ves.ac.in	9028419468
4	Aniket Nair	aniket.nair@ves.ac.in	9819574471
5	Satyam Yadav	satyam.yadav@ves.ac.in	7045133844
6	Avinash Salian	avinash.salian@ved.ac.in	7738482832
7	Mhatre Hitendra Ganesh	hitendramhatre24@gmail.com	8446397614
8	Ashish Mhatre	Ashish.mhatre@ves.ac.in	9833999052
9	Jimit Patel	Jimit.patel.jp@gmail.com	9769457498
10	Yash Parmar	yash.parmar@ves.ac.in	-

Sample Photo





हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड

(भारत सरकार उपक्रम) रजिस्टर्ड ऑफिस : 17, जमशेदजी टाटा रोड, मुंबई - 400 020.

HINDUSTAN PETROLEUM CORPORATION LIMITED

(A GOVERNMENT OF INDIA ENTERPRISE) REGISTERED OFFICE : 17, JAMSHEDJI TATA ROAD, MUMBAI - 400 020.

17, जमशेदजी टाटा रोड, पोस्ट बॉक्स नं. - 11041, मुंबई - 400 020. दूरभाष - 2286 3900 • फॅक्स - 2287 2992 • ई-मेल : corphqo@hpcl.co.in
17, Jamshedji Tata Road, P. O. Box No. - 11041, Mumbai - 400 020. Tel. : 2286 3900 • Fax : 2287 2992 • e-mail : corphqo@hpcl.co.in
CIN No.: L23201MH1952GOI008858

Ref: HPCL/HR-TRNG/PK/ 263 - 264

Date: June 8, 2017

To,

Head of the Department
Vivekanand Education Society's
Hashu Advani Memorial Complex
Collector's College,Chembur,Mumbai - 74

Subject: Summer Internship

Dear Sir,

We are pleased to invite internship for Jimit and Satyam with HPCL .The duration of the summer internship will be from June 15 – July 9, 2017.

Kindly advise the student to report to the Project Guide, Shri Avinash Khandetod, Ch.Instn Mgr,Hindustan Petroleum Corp Ltd, D-99, TTC Industrial Area,Vashi, Navi Mumbai on June 15, 2017 at 09.00 am .

No stipend per month will be paid during the course of this training. No other allowances, whatsoever, will be paid to the student. In this regard, HPCL does not provide any accommodation. At the office premises during the training period, the student will be allowed to avail the infrastructural facilities and follow the office timings as advised by the Project Guide. On successful completion of the project work, the project guide would issue the certificate to the student.

We wish all the success to the students,

Very Truly Yours

Pratik Katware
Sr.Mgr-Capability Building



हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड

(भारत सरकार उपक्रम) रजिस्टर्ड ऑफिस : 17, जमशेदजी टाटा रोड, मुंबई - 400 020.

HINDUSTAN PETROLEUM CORPORATION LIMITED

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17, जमशेदजी टाटा रोड, पोस्ट बॉक्स नं. - 11041, मुंबई - 400 020. दूरभाष - 2286 3900 • फॅक्स - 2287 2992 • ई-मेल : corphqo@hpcl.co.in
17, Jamshedji Tata Road, P. O. Box No. - 11041, Mumbai - 400 020. Tel. : 2286 3900 • Fax : 2287 2992 • e-mail : corphqo@hpcl.co.in
CIN No.: L23201MH1952GOI008858

Ref: HPCL/HR-TRNG/PK/ 265-266

Date: June 8, 2017

To,

Head of the Department
Vivekanand Education Society's
Hashu Advani Memorial Complex
Collector's College,Chembur,Mumbai - 74

Subject: Summer Internship

Dear Sir,

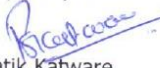
We are pleased to invite internship for Yash and Avinash with HPCL .The duration of the summer internship will be from June 15 – July 9, 2017.

Kindly advise the student to report to the Project Guide, Shri B Srinivasa Gopala Krishna, Ch.InstIn Mgr,Hindustan Petroleum Corp Ltd, Sewree Wadala Complex,Sewree II Sewree East on June 15, 2017 at 09.00 am .

No stipend per month will be paid during the course of this training. No other allowances, whatsoever, will be paid to the student. In this regard, HPCL does not provide any accommodation. At the office premises during the training period, the student will be allowed to avail the infrastructural facilities and follow the office timings as advised by the Project Guide. On successful completion of the project work, the project guide would issue the certificate to the student.

We wish all the success to the students.

Very Truly Yours


Pratik Katware
Sr.Mgr-Capability Building