



Laxmi Charitable Trust's
Sheth L.U.J. College of Arts & Sir M.V. College of Science & Commerce
Dr. S. Radhakrishnan Marg, Andheri (East), Mumbai 400 069.

INSTITUTIONAL DISTINCTIVENESS

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust.

IMPARTING QUALITY EDUCATION OFFERING LEARNING ENVIRONMENT THROUGH CERTIFICATE COURSES.

Sheth L. U. J. and Sir M. V. College have been rendering their service for more than 61 years along the vision - 'वि द्या धनं सर्व धनं प्रधा नम्'. The vision says that the best form of wealth is knowledge. The distinctiveness of Sheth L. U. J. and Sir M. V. College is to ensure quality education by providing an environment of learning that enhances the dissemination of knowledge to ensure development of life skills in students for facing challenges and responsibilities with social, gender, and environmental sensitivity. Hence to fulfill the vision, the college decided to empower students with knowledge by providing them with more certificate courses. As a result, the College consistently provides additional value-added courses to our students and has made a conscious effort in all ways to make them industry ready.

Over the years Computer Education Centre and BAMMC Dept. played a prominent role in this regard. In the Computer Education Centre (CEC), various computer software and hardware courses with high end technology were offered to students. Job Oriented specialized software courses were offered during the academic year 2023-24 and many students enrolled for the same. In BAMMC Computer lab various media related and marketing oriented courses were offered to the students. A summary is given below.

Specialized software courses -

- **Machine Learning Level-1 and Level-2** : This course boosted students ability to apply machine learning to real-world problems
- **Statistics Analysis Using R** : R has become a cornerstone for statistical analysis and data science. A dedicated certificate course focusing on statistics using R provided students with a strong foundation in both disciplines.
- **Data Visualization** : A dedicated certificate course in this area equipped learners with the skills to transform raw data into compelling visual narratives.
- **Python Libraries for Data Science** : A certificate course focused on Python libraries for data science is an excellent choice given the increasing demand for

data-driven skills.

- **Statistics for Data Science** : Statistics is the bedrock of data science. Offering a certificate course in Statistics for Data Science is a highly valuable initiative.
- **Database Administration** : This course gave students hands-on experience in database administration tasks.
- **Python Programming Basic & Hardware & Networking (CCSP SEM I)** : Python programming is an excellent choice due to its versatility, growing demand, and relative ease of learning. It serves as a robust foundation for various tech careers.

CEC Certified Software Professional (CCSP) : The main objective of this course is to create globally competent IT professionals through innovative teaching methods, with advanced courses, and involving competent faculty from the IT industry. This course is designed for Computer Science and IT students wherein they learn many advanced topics apart from regular Univ. curriculum. This course is conducted every year. This course's goal is to teach students about new technologies in Python Programming, Oracle databases, Hardware, Networking, Data Science, and Machine learning. The course duration is six semesters. After learning the course in each semester, students appear for the exam and receive certificates based on their score card. It is a job-oriented course where students develop projects at the end of each semester.

Digital Marketing : The objective of the course is to train students in multichannel marketing, content crafting, and devising strategies and to make students learn the operational aspects of various social media platforms. This course is designed to make media students industry ready as Digital Marketing is becoming essential in each and every field. This course is conducted every year. In this course students are given an in depth understanding of the principles and practices of Digital Marketing. Students receive 'Google Certification', post the successful completion of this course.

Graphic Designing : The main objective of this course is to make students corporate ready by enhancing their skills in graphic design that help them to create visual contents. This course was conducted in the academic year 2021-22, 2022-23 and 2023-24. This course was introduced to students who after learning became good visual communicators and used text, graphics, and images in a professional way. The outcome of this course was students got hands-on experience and in-depth practice with software like Photoshop, Illustrator, and In Design which made them proficient in graphic designing. This course helped many students to start up with their individual freelancing career options in designing and creating mock-ups, logos, advertising, merchandising and product packaging. At the end certificates were given to all the participants who completed the course.

Embedded System Robotics Course : This was a short term course designed for Computer Science and Information Technology students. Students who were interested

in enhancing their knowledge and wanted to experience robotics, enrolled for this course. This course was conducted in the academic year 2019-2020. Students got the opportunity to explore the field of robotics and embedded systems under the guidance of industry expert trainers from ROBOKART. At the end of the session students made a Robotics arm, Spider Robot, Digital Voltmeter and Solar Tracking Robots etc. Based on their performance students were given certificates at the end of the session. This course was replaced in the succeeding academic year by an IOT based Automation course.

IOT Based Automation: In this course Students get the opportunity to acquire knowledge about the Internet of Things. Students learn about IoT applications, sensors, actuators, and microcontrollers. This course was conducted in the year 2022-23 for the duration of 20 hours. All participants improved their awareness and expertise with IOT systems by designing and implementing IOT systems.

To ensure quality education along with sensitivity towards social and environmental issues, it is significant to nurture students through extension and outreach activities. Therefore Sheth L. U. J. and M. V. College has taken every possible step in fostering professional education to the students and strived to prepare them industry ready.



Criteria No. 7 Institutional Values and Best Practices

Metric No. with Title: 7. 3 Institutional Distinctiveness

Sub Metric No. with Title: 7.3.1: Portray the performance of the Institution in one area distinctive to its priority and thrust.

ACADEMIC YEAR 2023-24

INDEX

Sr. No	Brochure and Sample Certificate of the courses conducted in the college during the academic year 2023-24 as per the following course list-
1.	Machine Learning Level-1 and Level-2
2.	Statistics Analysis Using R
3.	Data Visualization
4.	Python Libraries for Data Science
5.	Statistics for Data Science
6	Database Administration
7	Python Programming Basic & Hardware & Networking (CCSP SEM I)
8	Digital Marketing
9	Graphic Designing



ML - LEVEL 2

Unsupervised learning
Models

- Model Evaluation
- Natural Language Processing



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9820846693

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Old Nagardas Road
Dr.S.Radhakrishnan Marg,
Andheri East,
Mumbai - 400069

SIR MATHURADAS VISSANJI
COMPUTER EDUCATION CENTRE



SHETH L.U.J. & SIR M.V. COLLEGE
OF SCIENCE & COMMERCE

DR. S. RADHAKRISHNAN MARG, ANDHERI (EAST), MUMBAI - 400069

Student's ID: CEC/ML2/2324/06

This is to certify that

ZIVEN PEREIRA

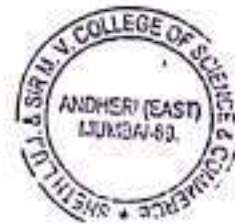
has successfully completed the course

Machine Learning - Level 2

and has secured *A* grade

Date of Certification: 15th July 2024.

Program Incharge



I/C Principal
Dr. Mahendra Kanojia

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COMPUTER EDUCATION CENTRE

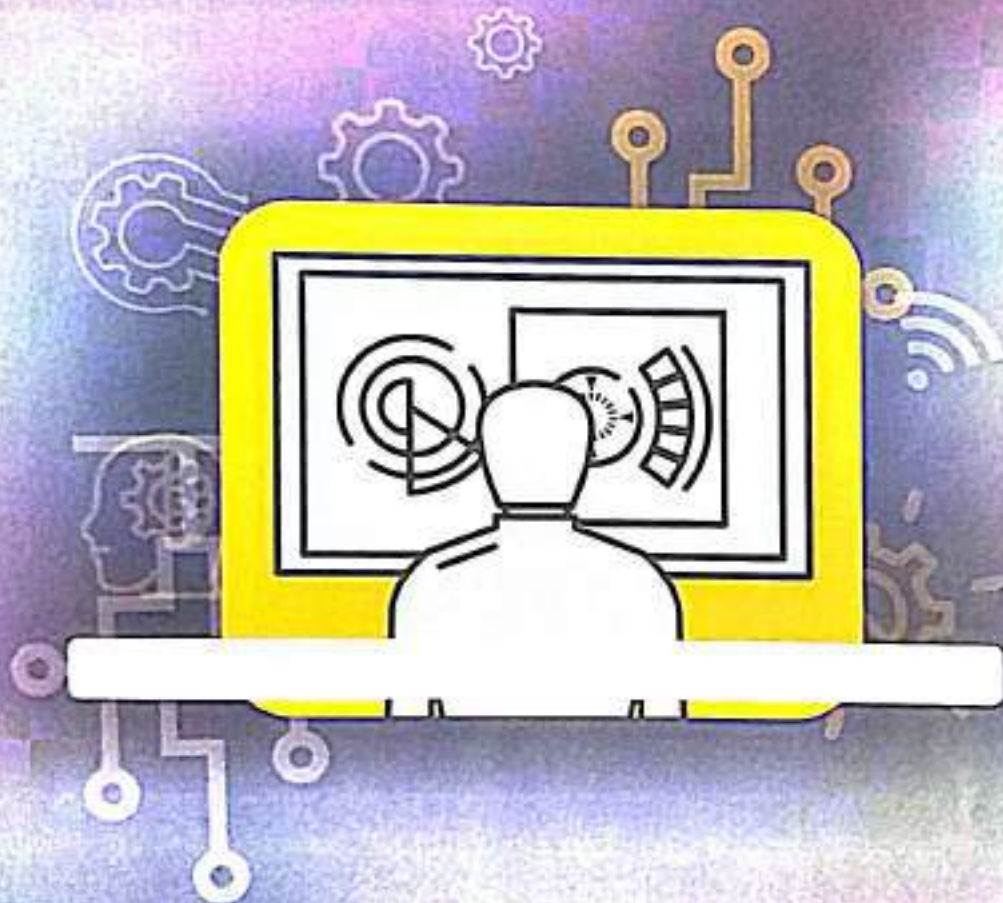


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OF SCIENCE & COMMERCE

DR. S. RADHAKRISHNAN MARG, ANDHERI (EAST), MUMBAI - 400069

ML - LEVEL 1

- REGRESSION
- ANN MODEL
- SUPERVISED LEARNING MODELS
- MODEL EVALUATION



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COMPUTER EDUCATION CENTRE



SHETH L.U.J. & SIR M.V. COLLEGE
OF SCIENCE & COMMERCE

DR. S. RADHAKRISHNAN MARG, ANDHERI (EAST), MUMBAI - 400069

Student's ID: CEC/ML1/2324/01

This is to certify that

ABIN PILLAI

has successfully completed the course
Machine Learning - Level 1
and has secured *A* grade
Date of Certification: 15th July 2024.

Program Incharge



I/C Principal
Dr. Mahendra Kanojia

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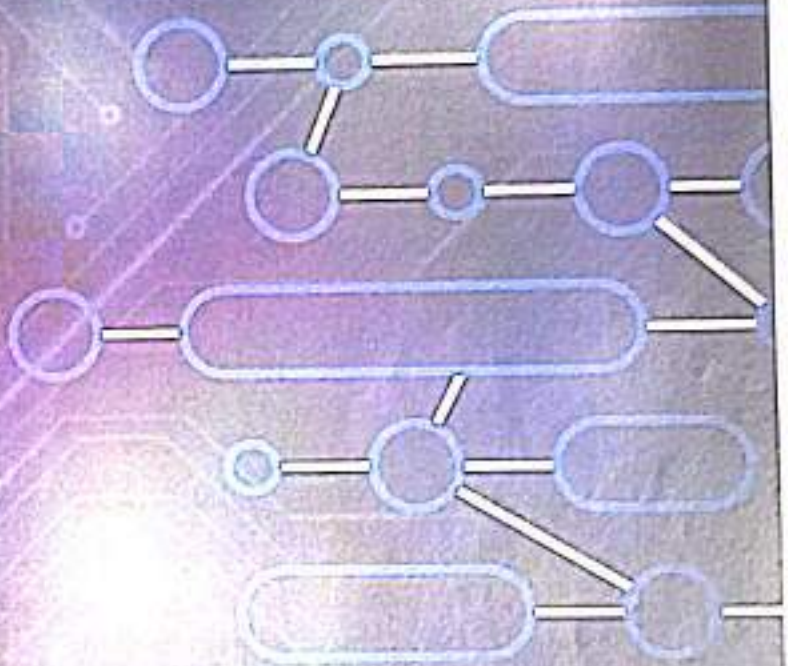
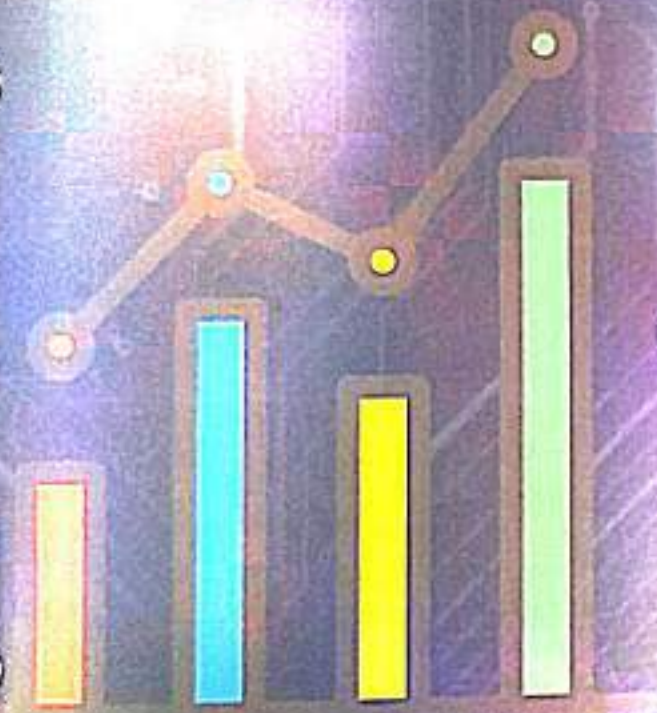
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COMPUTER EDUCATION CENTRE



SHETH L.U.J. & SIR M.V. COLLEGE
OF SCIENCE & COMMERCE

DR. S. RADHAKRISHNAN MARG, ANDHERI (EAST), MUMBAI - 400069

STATISTICAL ANALYSIS USING R



- Data Manipulation
- Data Import and Export
- Descriptive Statistics

- Inferential Statistics
- Extensive Package Ecosystem
- Community and Support



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OF SCIENCE & COMMERCE

DR. S. RADHAKRISHNAN MARG, ANDHERI (EAST), MUMBAI - 400069

Student's ID: CEC/SA/2324/02

This is to certify that

AMAN DUBAL

has successfully completed the course

Statistical Analysis Using R

and has secured *A* grade

Date of Certification: 15th July 2024.

Program Incharge



I/C Principal
Dr. Mahendra Kanojia

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SHETH L.U.J. & SIR M.V. COLLEGE
OF SCIENCE & COMMERCE

DR. S. RADHAKRISHNAN MARG, ANDHERI (EAST), MUMBAI - 400069

DATA VISUALIZATION



- Interactive Visualizations
- Importance and Purpose
- Types of Visualizations
- Tools and Software
- Storytelling with Data



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SHETH L.U.J. & SIR M.V. COLLEGE
OF SCIENCE & COMMERCE

DR. S. RADHAKRISHNAN MARG, ANDHERI (EAST), MUMBAI - 400069

Student's ID: CEC/DV/2324/06

This is to certify that

ZIVEN PEREIRA

has successfully completed the course

Data Visualization

and has secured *A* grade

Date of Certification: 15th July 2024.

Program Incharge



I/C Principal
Dr. Mahendra Kanojia

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OF SCIENCE & COMMERCE

DR. S. RADHAKRISHNAN MARG, ANDHERI (EAST), MUMBAI - 400069

PYTHON LIBRARIES FOR DATA SCIENCE

(NUMPY & PANDAS)



NUMPY

- Fundamental package for numerical computing with Python.

PANDAS

- Library for data manipulation and analysis, offering data structures like DataFrame.



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OF SCIENCE & COMMERCE

DR. S. RADHAKRISHNAN MARG, ANDHERI (EAST), MUMBAI - 400069

Student's ID: CEC/PL/2324/01

This is to certify that

ABIN PILLAI

has successfully completed the course
Python Libraries for Data Science
and has secured *A* grade

Date of Certification: 15th July 2024.

Program Incharge



I/C Principal
Dr. Mahendra Kanojia



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SHETH L.U.J. & SIR M.V. COLLEGE
OF SCIENCE & COMMERCE

DR. S. RADHAKRISHNAN MARG, ANDHERI (EAST), MUMBAI - 400069

Statistics for Datascience



- Probability Distributions
- Regression Analysis
- Sampling Methods

- Correlation and Causation
- Hypothesis Testing
- Statistical Tests



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Andheri East,
Mumbai - 400069



This is to certify that

CLIVE LEWIS

has successfully completed the course
Statistics for Data Science

and has secured *B+* grade

Date of Certification: 31th January 2024.

Program Incharge



I/C Principal
Dr. Mahendra Kanojia

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COMPUTER EDUCATION CENTRE



SHETH L.U.J. & SIR M.V. COLLEGE
OF SCIENCE & COMMERCE

DR. S. RADHAKRISHNAN MARG, ANDHERI (EAST), MUMBAI - 400069

Student's ID: CEC/SDA/2324/23

This is to certify that

ANJALI YADAV

has successfully completed the course

Statistics for Data Science

and has secured B^+ grade

Date of Certification: 31th January 2024.

Program Incharge



I/C Principal
Dr. Mahendra Kanojia



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OF SCIENCE & COMMERCE

DR. S. RADHAKRISHNAN MARG, ANDHERI (EAST), MUMBAI - 400069



DATABASE ADMINISTRATION

- Understanding Database Concepts
- Backup and Recovery

- Database Security
- Basic SQL Proficiency

**Database
Management
System**



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SHETH L.U.J. & SIR M.V. COLLEGE
OF SCIENCE & COMMERCE

DR. S. RADHAKRISHNAN MARG, ANDHERI (EAST), MUMBAI - 400069

Student's ID: CEC/DBA/2324/21

This is to certify that

ZIVEN PEREIRA

has successfully completed the course

Database Administration

and has secured *B+* grade

Date of Certification: 31th January 2024.

Program Incharge



I/C Principal
Dr. Mahendra Kanojia



This is to certify that

SAKSHI POIPKAR

has successfully completed the course

Database Administration

and has secured *A+* grade

Date of Certification: 31th January 2024.

Program Incharge



I/C Principal
Dr. Mahendra Kanolja



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DR. S. RADHAKRISHNAN MARG, ANDHERI (EAST), MUMBAI - 400069

PYTHON PROGRAMMING



- Introduction to Python
- Variables and Data Types

- Syntax and Basic Structure
- File Handling
- Control Structures

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Andheri East,
Mumbai - 400069



This is to certify that

ABIN PILLAI

has successfully completed the course

Python Programming

and has secured *A+* grade

Date of Certification: 31th January 2024.

Program Incharge



I/C Principal
Dr. Mahendra Kanojia



This is to certify that

RAJ HALWAI

has successfully completed the course

Python Programming

and has secured *A+* grade

Date of Certification: 31th January 2024.

Program Incharge



I/C Principal
Dr. Mahendra Kanajia

LAXMI CHARITABLE TRUST'S

SHETH L.U.J & SIR M.V COLLEGE



CERTIFICATE COURSE-DIGITAL MARKETING

COURSE INCLUSIONS

SEO & SEM:

Google
Bing
PPC
ORM

SOCIAL MEDIA

Facebook
YouTube
Instagram
Twitter

AFFILIATE MARKETING

Flipkart
Amazon
Snapdeal

Mobile Marketing
Gamifications & Lots More...

COURSE HIGHLIGHTS

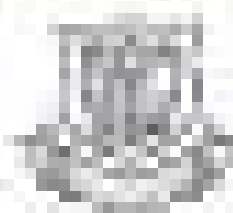
Internships
Opportunities To Work
On Live Projects

For More Information & Admission Contact

Prof. Manisha Sayani

+91 98700 51523

manishasayani@gmail.com



CERTIFICATE

AWARDED TO
THE
HONORABLE
MEMBER OF PARLIAMENT

Andria Dsouza

Has successfully completed the short term course
in Digital Media Marketing offered by
Faculty 1111 at the M.C. College of Arts, Science & Commerce
in association with Digital Mark
September 2024.

BY
THE
HONORABLE
MEMBER OF PARLIAMENT

Signature

Signature

Signature



DIGITAL DRILL

Reg. No. BAMMC/MDM23/23-24/90

CERTIFICATE

OF COMPLETION
THIS IS TO CERTIFY THAT

Manasvi Singh

*has successfully completed the short term course
in Digital Media Marketing offered by
Sheth L.U.J. & Sir M.V. College of Arts, Science & Commerce
in association with Digital Drill,
December 2023.*



Course Co-ordinator
Mrs. Manisha Sayani

Instructor
Mr. Bhavesh Varty
Sr. SEO Expert

DC Principal
Dr. Mahendra Kanojia



LAXMI CHARITABLE TRUST'S
SHETH L.U.J. COLLEGE OF ARTS & SIR M.V.
COLLEGE OF SCIENCE & COMMERCE

GRAPHIC DESIGN CERTIFICATE

Addon Course

**For Beginners, Who want to
become Professional Designers.**

CONTACT US

+91 98700 51523



www.mvlucollege.com

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East, Mumbai, 400069.





DIGITAL DRILL

Reg. No. MVLU/GD06/23-24/18

CERTIFICATE



OF COMPLETION
THIS IS TO CERTIFY THAT

Deepika Chamola

*has successfully completed the short term course
in Graphics Designing offered by
Sheth L.U.J. & Sir M.V. College of Arts, Science & Commerce
in association with Digital Drill,
January 2024.*



Course Co-ordinator
Mrs. Manisha Sayani

Instructor
Mr. Mukesh Verma

I/C Principal
Dr. Mahendra Kanojia



Laxmi Charitable Trust's
Sheth L.U.J. College of Arts & Sir M.V. College of Science & Commerce
Dr. S. Radhakrishnan Marg, Andheri (East), Mumbai 400 069.

Criteria No. 7 Institutional Values and Best Practices

Metric No. with Title: 7. 3 Institutional Distinctiveness

Sub Metric No. with Title: 7.3.1: Portray the performance of the Institution in one area distinctive to its priority and thrust.

ACADEMIC YEAR 2022-23

INDEX

Sr. No	Brochure and Sample Certificate of the courses conducted in the college during the academic year 2022-23 as per the following course list-
1.	Python Programming Basic & Hardware & Networking (CCSP SEM I)
2.	Oracle DBMS Certification Level-I (CCSP SEM I)
3.	Python Advance (CCSP SEM II)
4.	Oracle DBMS Certification Level-II & Level-III (CCSP SEM II)
5.	Java Basics & Advance (CCSP SEM II)
6	Digital Marketing
7	Graphic Designing
8	IOT Based Automation



Laxmi Charitable Trust's
Sir Mathuradas Vissanji
Computer Education Centre



Data Science Certification



Syllabus

Semester - I

- Python Programming Basic
- Oracle DBMS
(Certification Level - I)
- Hardware & Networking
- Python & Databases
(Project Development)

Semester III - Data Science

- Artificial Intelligence
- Python for Data Science
- Statistics for Data Science
- Project Implementation

Semester V - Data Science

- Machine Learning Advance
- Deep Learning Fundamentals
and Advance
- Data Science Modelling
- Research project
Implementation

Semester - II

- Python Advance
- Oracle DBMS Certification
(Level - II & Level - III)
- Java Basics & Advance
- Project Development
Implementation

Semester IV - Data Science

- Machine Learning :
Fundamentals
- Forecasting Techniques using
R Programming
- Libraries and Frameworks for
Data Science
- Project Implementation

Semester - VI

- INTERNSHIP



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Website :- www.mvcec.com



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Tel : 022 8699 2022 / 23
Mob : 98208 46693

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COMPUTER EDUCATION CENTRE

Old Nagardas Road, Dr. S. Radhakrishnan Marg, Andheri East, Mumbai - 400 069
e-mail : sirmv.coc@gmail.com

SAMPLE COPY

GRADE CARD

Programme: CEC Certified Software Professional

Month & Year of Examination

Student ID: MVCEC202223-18

MARCH 2023

Student Name: Abhay Vinod Sharma

Semester- I


Course Name	Theory Marks Max Marks (50)	Practical Marks Max Marks (50)	Total	Grade
Python Programming-I	32	45	77	A
Oracle Database Level-I	42	45	87	A+
Hardware & Networking	37	37	74	B+
Project	N/A	42	42	A

Final Total (Out of 350) 280

Result A

Remark: Project Completed in Python - "Word Counter"


Checked


Exam In-charge




Centre Head

Place: Mumbai
Date: 24th April, 2023.

Per ≥ 85 : "A+", ≥ 75 : "A", ≥ 65 : "B+", ≥ 55 : "B", ≥ 40 : "C", < 40 : "Fail"







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e-mail : sirmv.cec@gmail.com

Tel.: 022 6699 2022 / 23
Mob.: 98208 46693

SAMPLE COPY

GRADE CARD

Programme: CEC Certified Software Professional

Month & Year of Examination

Student ID: MVCEC20212207

MARCH 2023

Student Name: Amaan Sayed

Semester- II

Course Name	Theory Marks Max Marks (50)	Practical Marks Max Marks (50)	Total	Grade
Python Advance	36	50	86	A+
Oracle Database Level-II & Level-III	39	45	84	A
Java Basics	28	40	68	B+
Hardware & Networking	31	35	66	B+
Project	N/A	28	28	B

Final Total (Out of 450) 332

Result B+

Remark: Project Completed in Java- 'ATM System'

Checked

Exam In-charge



Centre Head

Place: Mumbai
Date: 24th April, 2023.

Per ≥ 85 : "A+", ≥ 75 : "A", ≥ 65 : "B+", ≥ 55 : "B", ≥ 40 : "C", < 40 : "Fail"



LAXMI CHARITABLE TRUST'S

SHETH L.U.J & SIR M.V COLLEGE



CERTIFICATE COURSE-DIGITAL MARKETING

COURSE INCLUSIONS

SEO & SEM:

Google
Bing
PPC
ORM

SOCIAL MEDIA

Facebook
YouTube
Instagram
Twitter

AFFILIATE MARKETING

Flipkart
Amazon
Snapdeal

Mobile Marketing
Gamifications & Lots More...

COURSE HIGHLIGHTS

Internships
Opportunities To Work
On Live Projects

For More Information & Admission Contact

Prof. Manisha Sayani

+91 98700 51523

manishasayani@gmail.com



DIGITAL DRILL

Reg. No. BAMMO/MOM/13/22-23/15

CERTIFICATE



OF COMPLETION
THIS IS TO CERTIFY THAT

Jayashree Gahlot

*has successfully completed the short term course
in Digital Media Marketing offered by
Sheth L.U.J. & Sir M.V. College of Arts, Science & Commerce
in association with Digital Drill,
August 2022.*



Course Co-ordinator
Mrs. Manisha Sayani

Instructor
Mrs. Shrutika Vakharia
Sr. Digital Marketing Executive
& Web Developer at iDigitize

I/C. Principal
Dr. Mahendra Kanouj

Congratulations!



Google Ads Display Certification

Completed by Gayatri Soni on September 26, 2022

Google recognizes your mastery of the fundamentals of developing and optimizing effective Google Display campaigns.

Completion ID: 127302927 Expires: September 26, 2023

Congratulations!



Google Ads Search Certification

Completed by Gayatri Soni on September 26, 2022

Google recognizes your mastery of the fundamentals of building and customizing effective Google Search campaigns.

Completion ID: 127306299 Expires: September 26, 2023



DIGITAL DRILL

Reg. No. BAMMC/MDM20/22-23/22

CERTIFICATE

OF COMPLETION
THIS IS TO CERTIFY THAT

Khushi Sickri

*has successfully completed the short term course
in Digital Media Marketing offered by
Sheth L.U.J. & Sir M.V. College of Arts, Science & Commerce
in association with Digital Drill,
September 2022.*



Manisha Sayani

Course Co-ordinator
Mrs. Manisha Sayani

Shrutika Vakharia

Instructor
Mrs. Shrutika Vakharia
Sr. Digital Marketing Executive
& Web Developer at iDigitize

Mahendra Kanojia

I/C Principal
Dr. Mahendra Kanojia



DIGITAL DRILL

Reg. No. BAMMC/MDM21/22-23/57

CERTIFICATE

OF COMPLETION
THIS IS TO CERTIFY THAT

Hiral Jain

*has successfully completed the short term course
in Digital Media Marketing offered by
Sheth L.U.J. & Sir M.V. College of Arts, Science & Commerce
in association with Digital Drill,
January 2023.*



Course Co-ordinator
Mrs. Manisha Sayani

Instructor
Mr. Bhavesh Vaisy
Sr. SEO Expert

I/C Principal
Dr. Mahendra Kanuja

Google Digital Garage

Hiral Jain

is hereby awarded this certificate of achievement for the successful completion of **The Fundamentals of Digital Marketing** certification exam on 15/01/2023

Matt Britz

President - Google EMEA



Townsend Pamela Fashion

CEO - IAB Europe



DIGITAL DRILL

Reg No. BAMMG/MDM21/22-23/55

CERTIFICATE



OF COMPLETION
THIS IS TO CERTIFY THAT

Pranali Bhoir

*has successfully completed the short term course
in Digital Media Marketing offered by
Sheth L.U.J. & Sir M.V. College of Arts, Science & Commerce
in association with Digital Drill,
January 2023.*



Course Co-ordinator
Mrs. Manisha Sayani

Instructor
Mr. Bhavesh Vairy
Sr. SEO Expert

I/C Principal
Dr. Mahendra Kanosia

Google Digital Garage

Pranali Bhoir

is hereby awarded this certificate of achievement for the successful
completion of **The Fundamentals of Digital Marketing** certification exam
on **15/01/2023**

Matt Britic

President - Google EMEA



Tobias and Pamela Fischer

CEO - IAB Europe



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DIGITAL DRILL

Reg. No. MVLU/GD05/22-23/10

CERTIFICATE

OF COMPLETION
THIS IS TO CERTIFY THAT

Riddhi Naik


*has successfully completed the short term course
in Graphics Designing offered by
Sheth L.U.J. & Sir M.V. College of Arts, Science & Commerce
in association with Digital Drill,
February 2023.*

Course Co-ordinator
Mrs. Manisha Sayani

Instructor
Mr. Mukesh Verma



I/C Principal
Dr. Mahendra Kanojia



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application .
- 2] Learning Physical Interfaces &
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configurations, Features of Development
Board.
- 3] Insight into ESP8266 Node MCU
Programming with of Arduino.
- 4] Smart Projects using Node MCU
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etc.

- Eligibility:- HSC passed Students
- Duration 20 Hours
- Experienced Industrial Trainers
- Post Course Guidance
- Completion CERTIFICATE
- A/W Kit will be provided to
students
- Best Course Guidance

Commencing Soon

EmailID:-it@mvlucollege.in

Contact no:-9987394282

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COMPUTER EDUCATION CENTRE



SHETH L.U.J. & SIR M.V. COLLEGE
OF SCIENCE & COMMERCE

DR. S. RADHAKRISHNAN MARG, ANDHERI (EAST), MUMBAI - 400069

Student's ID: MVCEC2022231OT06

This is to certify that

Rutansh Paras Dusara

has successfully completed the course

IoT Based Automation

and has secured *A* grade

Date of Certification: 29th April 2023.

Program Incharge
Mrs. Sneha Gokarnkar



I/C Principal
Dr. Mahendra Kanojia



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Sheth L.U.J. College of Arts & Sir M.V. College of Science & Commerce
Dr. S. Radhakrishnan Marg, Andheri (East), Mumbai 400 069.

Criteria No. 7 Institutional Values and Best Practices

Metric No. with Title: 7. 3 Institutional Distinctiveness

Sub Metric No. with Title: 7.3.1: Portray the performance of the Institution in one area distinctive to its priority and thrust.

ACADEMIC YEAR 2021-22

INDEX

Sr. No	Brochure and Sample Certificate of the courses conducted in the college during the academic year 2021-22 as per the following course list-
1.	Python Programming Basic & Hardware & Networking (CCSP SEM I)
2.	Oracle DBMS Certification Level-I (CCSP SEM I)
3.	CCSP 2020-21 SEM II
4.	CCSP 2019-20 SEM IV
5.	Machine Learning (CCSP SEM V)
6	Deep Learning (Basics & Advance) (CCSP SEM V)
7	Digital Marketing
8	Graphic Designing



Python Programming

Duration : 40 Hours

Course Content

- ☒ What's Programming?
- ☒ Introduction to Python.
- ☒ Designing and Using Functions
- ☒ Strings
- ☒ Conditional statements
- ☒ A Modular Approach to Program Organization
- ☒ Using Methods
- ☒ Collections and Lists
- ☒ Loops
- ☒ Reading and Writing Files
- ☒ Exception Handling
- ☒ Set, Tuples and Dictionaries
- ☒ Searching and Sorting
- ☒ Designing Algorithm
- ☒ Object-Oriented Programming in Python
- ☒ Testing and Debugging
- ☒ Graphical User Interfaces
- ☒ Databases Connection (MySQL)
- ☒ Project Development

Application Domains

- ☒ Web and Internet Development
- ☒ Database Access
- ☒ Desktop GUIs
- ☒ Scientific and Statistics.
- ☒ Mobile App development.
- ☒ Network Programming

Why Python

- ☒ Easy to Learn and Program.
- ☒ Supported by All Operating Systems and Web Browsers
- ☒ Open Source

Top Organizations Using Python

- ☒ Yahoo Maps, Yahoo Groups
- ☒ Google
- ☒ Linux Weekly News
- ☒ YouTube, Facebook
- ☒ Industrial Light & Magic
- ☒ Walt Disney



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Oracle Database Certification Course

Oracle SQL fundamental & PL/SQL fundamental

- Introduction
- Retrieve Data using the SQL SELECT Statement
- Restricted and Sorted Data
- Usage of Single-Row Functions to Customize Output
- Conversion Functions and Conditional Expressions
- Aggregated Data Using the Group Functions
- Display Data From Multiple Tables
- Usage of Subqueries to Solve Queries
- SET Operators
- Data Manipulation
- DDL Statements to Create and Manage Tables
- Introduction to PL/SQL
- PL/SQL Identifiers
- Write Executable Statements
- Interaction with the Oracle Server
- Control Structures
- Usage of Composite Data Types
- Explicit Cursors
- Exception Handling
- Stored Procedures and Functions
- Triggers in PL/SQL

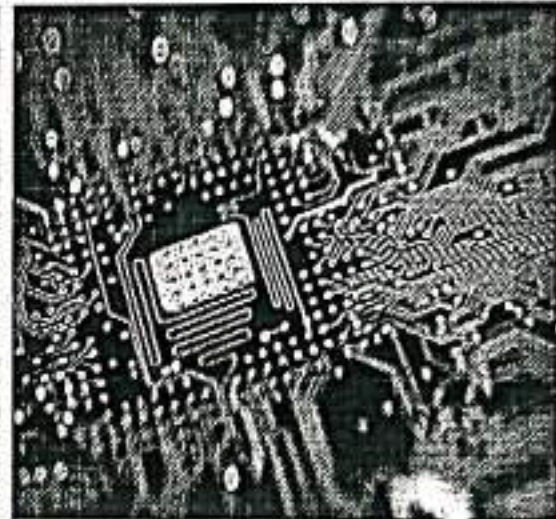


Hardware (Desktop & Laptop) & Networking

Duration : 80 Hours

Module ~ I

- Computer Architecture and its parts
- Storage Devices
- Assembling of Computer
- Partitioning & Formatting Hard Disk
- Installation of Software and Antivirus
- Different types of Laptop Components
- Fault Finding & Troubleshooting in Computer
- Assignment
- Customer Management Skills
- Hardware & Networking Notes will be provided*



Module ~ II

- Networking Standards & Topologies
- IP Addressing, creating Subnets
- Window Server Networking,
- Managing Domain, User & Groups
- File & Folder Sharing, Backup & Restore
- Managing Print Server, Remote Network Management
- Configuring Wireless Router, Wireless LAN Cards
- WAN Technologies & Different Types of Networks
- Troubleshooting Networking





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e-mail: sirmv.cec@gmail.com

GRADE CARD

Programme: CEC Certified Software Professional

Month & Year of Examination

Student ID: MVCEC/CCSP/SEMI/03

JAN 22

Student Name: Sandhya Prajapati

Semester- I

Course Name	Theory Marks Max Marks (50)	Practical Marks Max Marks (50)	Total	Grade
Python Programming- I	30	50	80	A
Oracle Database Level- I	38	40	78	A
Project	N/A	50	50	A+

Final Total (Out of 250) 208

Result A

Checked

Exam In-charge

Centre Head

Place: Mumbai
Date: 23rd April 2022

Per ≥ 85 : 'A+', ≥ 75 : 'A', ≥ 65 : 'B+', ≥ 55 : 'B', ≥ 40 : 'C', < 40 : 'Fail'





Java Core & Adv.

Duration : 60 + 90 Hours

Java Basics ~ I

- Java Basics, Data Types.
- Operators and Decision Constructs.
- Creating and Using Arrays & Loop Constructs.
- Working with Methods.
- Encapsulation, Inheritance.
- Handling Exceptions.

Java Basics ~ II

- Java Advanced Class Design,
- Object-Oriented Design Principles.
- Generics and Collections.
- String Processing.
- Exceptions and Assertions.
- Java Console I/O & File I/O Fundamentals
- Building Database Applications with JDBC.
- Threads, Concurrency & Localization.

Java Advance

- Part I: GUI Application using swing component.
- Part II: Java Servlet Technology.
- Part III: Java Server Pages.
- Part IV: Web Services.
- Part V: Enterprise Beans.

CEC Features

- * Highly Qualified Trainers.
- * Course Certificate.
- * Certification Mock Exams.
- * Java Project Development.
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Oracle Database Certification Course

Oracle SQL fundamental & PL/SQL fundamental

- Introduction
- Retrieve Data using the SQL SELECT Statement
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- Conversion Functions and Conditional Expressions
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- Exception Handling
- Stored Procedures and Functions
- Triggers in PL/SQL



SAMPLE GRADE CARD

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e-mail: slmv.cec@gmail.com

GRADE CARD

Programme: CEC Certified Software Professional Examination

Month & Year of

Student ID: MVCEC20202102

JUNE 2022

Student Name: VANSHITA SAWANT

Semester- II

Course Name	Theory Marks Max Marks (50)	Practical Marks Max Marks (50)	Total	Grade
Java Basics & Advance	34	47	81	A
Oracle Database Certification (Level- II & Level- III)	30	46	76	A
Project	N/A	45	45	A+

Final Total (Out of 250) 202

Result A

K. Mishra

Checked

Chauhan

Exam In-charge

Amojin

Centre Head

Place: Mumbai

Date: 8th July, 2022.

Per >=85: "A+", >=75: "A", >=66: "B+", >=55: "B", >=40: "C", <40: "Fail"

Common Grade Card for Python Programming Basic, Hardware & Networking and Oracle DBMS Certification Level-I CCSP 2020-21 SEM II





CCSP 2019-20 SEMESTER IV

Forecasting using R

Introduction to forecasting: Forecasting, planning and goals, Determining what to forecast, Forecasting data and methods, The basic steps in a forecasting task. **Time series graphics:** ts objects, Time plots, Time series patterns, Seasonal plots, Seasonal subseries plots, Scatterplots, Lag plots, Autocorrelation, Exercises. **The forecaster's toolbox:** simple forecasting methods, Evaluating forecast accuracy, The forecast package in R, Exercises. **Judgmental forecasts:** Key principles, The Delphi method, Forecasting by analogy, Scenario forecasting, New product forecasting, Exercises. **Simple Regression:** The simple linear model, Least squares estimation, Regression and correlation, Evaluating the regression model, Forecasting with regression, Statistical inference, Non-linear functional forms, Exercises. **Multiple regression:** Introduction to multiple linear regression, Some useful predictors, Selecting predictors, Residual diagnostics, Matrix formulation, Non-linear regression, Correlation, causation and forecasting, Exercises. **Time series decomposition:** Time series components, Moving averages, Classical decomposition, X-12-ARIMA decomposition, STL decomposition, Forecasting with decomposition, Exercises. **Exponential smoothing:** Simple exponential smoothing, Holt's linear trend method, Exponential trend method, Damped trend methods, Holt-Winters seasonal method, Exercise. **ARIMA models:** Stationarity and differencing, Backshift notation, Autoregressive models, Moving average models, Non-seasonal ARIMA models, Estimation and order selection, ARIMA modelling in R, Forecasting, Seasonal ARIMA models, ARIMA vs ETS, Exercises. **Project implementation.**

Statistics

1. Importance of Statistics & Data Analysis: Types of data - attribute, variable, discrete and continuous, Ungrouped and Grouped data, sources of Data – Primary and Secondary data. Types of Analysis, Its application and execution in R Software. Exploratory Data Analysis (EDA) **2. Descriptive Statistics:** Preparation of Data, Frequency distribution and Cumulative Distribution, Presentation of Data (Bar, Histogram, Ogive, Pie Diagrams) , Concepts and execution of Mean, Median, Mode, Percentile, decile and quartile for Raw data and Grouped data, Its application and execution in R Software. **3. Probability:** Experiment, Events, Sample Selection, Probability Definition, Addition and Multiplication Theorem, Union and Intersection theory, Bayes Theorem, Conditional Probability, Its application and execution in R Software. **4. Concepts of Skewness:** Understanding of Symmetries in Data, Scattered Data, Correlation and Regression, Its application and execution in R Software. **5. Distributions:** Complete Understanding of Binomial, Poisson, Gaussian, Normal, Students t-Distribution, Fishers Distribution, Chi-square distribution, Its application and execution in R Software. **6. Analysis of Variance:** Hypothesis Testing & One way & Two way, Parametric and Non-Parametric, Its application and execution in R Software
Additional Course: Study of Questionnaire to prepare the data, Data Collection



SAMPLE GRADE CARD



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e-mail: smvceec@gmail.com

Tel: 022 909 2027, 022
Mob: 98208 45002

GRADE CARD

Course: CEC Certified Software Professionals Month & Year of Examination

Student ID: MVCEC-CCSP-IV/01

December 2021

Student Name: JAY JAYANTI RATHOD

Semester- IV

Course Name	Theory Marks Max Marks (50)	Practical Marks Max Marks (50)	Total	Grade
Data Science (Forecasting)	28	40	68	B+
Statistics	20	40	60	B
Project	N/A	40	40	A

Final Total (Out of 250) 168

Result B+

Remark: Project Completed - 'Predict the price of property on the basis of surroundings and amenities using multiple Linear Regression'

Exam In-charge

Principal

Place: Mumbai

Date: 22nd JUNE 2021

Per >=85: "A+", >=75: "A", >=65: "B+", >=55: "B", >=40: "C", <40: "Fail"



Common Grade card for Python Programming Basic, Hardware & Networking and Oracle DBMS Certification Level-I CCSP 2019-20 SEM IV



CCSP 2019-20 SEMESTER IV

Machine Learning

Introduction to Machine Learning, Dimensionality reduction using feature extraction, Dimensionality reduction using feature selection, Classification using Support Vector Machine, Bayes theorem and classifier implementation, Logistic regression, Decision tree, random forest, KNN, Clustering: K-means, K-Medoids, MeanShift, DBSCAN, Hierarchical Merging Algorithm, Association rule: Apriori Algorithm.

Practical:

1. Dimensionality reduction using feature extraction
2. Dimensionality reduction using feature selection.
3. Import dataset and Implementing SVM for classification.
4. Diabetics detection using Bayes Classifier or similar dataset.
5. Implementation of Decision Tree classifier and regressor on suitable dataset.
6. Heart Disease detection using Random Forest
7. Social Network Ads recommendation using Random Forest
8. Implementation of KNN on secondary dataset
9. Implementation of Apriori Algorithm

Deep Learning

Introduction to Deep learning, Activation Functions, Regularization techniques, Feed Forward Neural Network, Loss functions, Optimization Functions, CNN, RNN, RNN LSTM, Autoencoders, Boltzmann Machine, GAN.

Practical:

1. Program to demonstrate various activation functions and their responses.
2. Import datasets and implement various regularization techniques.
3. Program to demonstrate various loss functions.
4. Program to implement Feed Forward Neural Network
5. Program to demonstrate various Optimization Functions.
6. Import dataset and implement CNN
7. Import dataset and implement RNN
8. Import dataset and implement RNN LSTM
9. Import dataset and implement Autoencoders
10. Import dataset and implement Boltzmann Machine.
11. Import dataset and implement GAN

Advance Deep Learning

Hyper tuning, Introduction to Keras pretrained Models, Keras Transfer Learning and Fine Tuning Theory, VGG16, Densnet, Resnet, Alexnet, GoogleNet, Inception V3, YOLO.

Practical:

1. Program to demonstrate hyper tuning
2. Program to implement VGG16 model on suitable dataset.
3. Program to implement Densnet model on suitable dataset.
4. Program to implement Resnet model on suitable dataset.
5. Program to implement Alexnet model on suitable dataset.
6. Program to implement GoogleNet model on suitable dataset.
7. Program to implement Inception V3 model on suitable dataset.
8. Program to implement YOLO model on suitable dataset.

Project Implementation

Create a project based on Machine Learning/ Deep Learning/ Transfer Learning.



SAMPLE GRADE CARD



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Tel: 022 6674 2302 / 23
Mob: 98201 46677

GRADE CARD

Course: CEC Certified Software Professionals Month & Year of Examination

Student ID: MVCEC-CCSP-V/01 September 2022

Student Name: JAY RATHOD

Semester- V

Course Name	Theory Marks Max Marks (50)	Practical Marks Max Marks (50)	Total	Grade
Machine Learning	36	49	85	A+
Deep Learning (Basics & Advance)	38	49	87	A+
Project	N/A	45	45	A+

Final Total (Out of 250) 217

Result A+

Remark: Project Completed - "Car Number Plate Recognition"

Exam In-charge

Principal

Place: Mumbai

Date: 4th November 2022

Per >=85: "A+", >=75: "A", >=65: "B+", >=55: "B", >=40: "C", <40: "Fail"



Common Grade Card for Machine Learning and Deep Learning (Basics & Advance) (CCSP SEM V)

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Internships
Opportunities To Work
On Live Projects

For More Information & Admission Contact

Prof. Manisha Sayani

+91 98700 51523

manishasayani@gmail.com



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Reg. No. MVLU/MDM-16/16

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OF COMPLETION
THIS IS TO CERTIFY THAT

Aakanksha Ashok Kadam

*has successfully completed the short term course
in Digital Media Marketing offered by
Sheth L.U.J. & Sir M.V. College of Arts, Science & Commerce
in association with Digital Drill,
August 2021.*



Manisha Mehul Sayani

Course Co-ordinator
Mrs. Manisha Sayani

Shrutika

Instructor
Mrs. Shrutika Valharia
Sr. Digital Marketing Executive
& Web Developer at iDigitize

Jyoti

Director
Mrs. Jyoti Gaitonde



DIGITAL DRILL

Reg. No. MVLU/MDM-17/15

CERTIFICATE

OF COMPLETION
THIS IS TO CERTIFY THAT

Vishwesvari Bhataiya

*has successfully completed the short term course
in Digital Media Marketing offered by
Sheth L.U.J. & Sir M.V. College of Arts, Science & Commerce
in association with Digital Drill,
March 2022.*



Manisha Mehul Sayani

Course Co-ordinator
Mrs. Manisha Sayani

Shrutika Vakharia

Instructor
Mrs. Shrutika Vakharia
Sr. Digital Marketing Executive
& Web Developer at iDigitize

Jyoti Gaitonde

Director
Mrs. Jyoti Gaitonde



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Reg. No. MVLU/MOM-1807

CERTIFICATE

OF COMPLETION
THIS IS TO CERTIFY THAT

Abhinav Jha

*has successfully completed the short term course
in Digital Media Marketing offered by
Sheth L.U.J. & Sir M.V. College of Arts, Science & Commerce
in association with Digital Drill,
May 2022.*



Course Co-ordinator
Mrs. Manisha Jyani

Instructor
Mrs. Shrusika Vakharia
Sr. Digital Marketing Executive
& Web Developer at digitaldrill

Director
Mrs. Jyoti Gattande



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Reg. No. MVLU/GD-04/01

CERTIFICATE



OF COMPLETION
THIS IS TO CERTIFY THAT

Anand Thakur

*has successfully completed the short term course
in Graphics Designing offered by
Sheth L.U.J. & Sir M.V. College of Arts, Science & Commerce
in association with Digital Drill,
March 2022.*



Manisha Mehul Sayani

Course Co-ordinator
Mrs. Manisha Sayani

Mukesh Verma

Instructor
Mr. Mukesh Verma

Jyoti Gaitonde

Director
Mrs. Jyoti Gaitonde



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2.	Oracle DBMS Certification Level-I (CCSP SEM I)
3.	Hardware & Networking (CCSP SEM I)
4.	Data Science Part-I (CCSP SEM III)
5.	Advance Java (CCSP SEM III)



Python Programming

Duration : ~~80~~ Hours
30

Course Content

- ☒ What's Programming?
- ☒ Introduction to Python.
- ☒ Designing and Using Functions
- ☒ Strings
- ☒ Conditional statements
- ☒ A Modular Approach to Program Organization
- ☒ Using Methods
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- ☒ Network Programming

Why Python

- ☒ Easy to Learn and Program.
- ☒ Supported by All Operating Systems and Web Browsers
- ☒ Open Source

Top Organizations Using Python

- ☒ Yahoo Maps, Yahoo Groups
- ☒ Google
- ☒ Linux Weekly News
- ☒ YouTube, Facebook
- ☒ Industrial Light & Magic
- ☒ Walt Disney


Centre Head





Oracle Database 10g/11g - SQL & PL/SQL Syllabus

Introduction

- Overview of Oracle Database 11g and related products
- Overview of relational database management concepts and terminologies
- Introduction to SQL and its development environments
- The HR schema and the tables used in this course
- Oracle Database documentation and additional resources

Retrieve Data using the SQL SELECT Statement

- List the capabilities of SQL SELECT statements
- Generate a report of data from the output of a basic SELECT statement
- Use arithmetic expressions and NULL values in the SELECT statement
- Invoke Column aliases
- Concatenation operator, literal character strings, alternative quote operator, and the DISTINCT keyword
- Display the table structure using the DESCRIBE command

Restricted and Sorted Data

- Write queries with a WHERE clause to limit the output retrieved
- Describe the comparison operators and logical operators
- Describe the rules of precedence for comparison and logical operators
- Usage of character string literals in the WHERE clause
- Write queries with an ORDER BY clause
- Sort the output in descending and ascending order
- Substitution Variables

Usage of Single-Row Functions to Customize Output

- List the differences between single row and multiple row functions
- Manipulate strings using character functions
- Manipulate numbers with the ROUND, TRUNC, and MOD functions
- Perform arithmetic with date data
- Manipulate dates with the DATE functions



Conversion Functions and Conditional Expressions

- Describe implicit and explicit data type conversion
- Describe the TO_CHAR, TO_NUMBER, and TO_DATE conversion functions
- Nesting multiple functions
- Apply the NVL, NULLIF, and COALESCE functions to data
- Usage of conditional IF THEN ELSE logic in a SELECT statement

Aggregated Data Using the Group Functions

- Usage of the aggregation functions in SELECT statements to produce meaningful reports
- Describe the AVG, SUM, MIN, and MAX function How to handle Null Values in a group function?
- Divide the data in groups by using the GROUP BY clause
- Exclude groups of data by using the HAVING clause

Display Data From Multiple Tables

- Write SELECT statements to access data from more than one table
- Join Tables Using SQL:1999 Syntax
- View data that does not meet a join condition by using outer joins
- Join a table to itself by using a self join
- Create Cross Joins

Usage of Subqueries to Solve Queries

- Use a Subquery to Solve a Problem
- Single-Row Subqueries
- Group Functions in a Subquery
- Multiple-Row Subqueries
- Use the ANY and ALL Operator in Multiple-Row Subqueries
- Use the EXISTS Operator

SET Operators

- Describe the SET operators
- Use a SET operator to combine multiple queries into a single query
- Describe the UNION, UNION ALL, INTERSECT, and MINUS Operators
- Use the ORDER BY Clause in Set Operations

Data Manipulation

- Add New Rows to a Table



- Change the Data in a Table
- Use the DELETE and TRUNCATE Statements
- How to save and discard changes with the COMMIT and ROLLBACK statements
- Implement Read Consistency
- Describe the FOR UPDATE Clause

DDL Statements to Create and Manage Tables

- Categorize Database Objects
- Create Tables
- Describe the data types
- Understand Constraints Create a table using a subquery How to alter a table?
- How to drop a table?

Other Schema Objects

- Create, modify, and retrieve data from a view
- Perform Data manipulation language (DML) operations on a view How to drop a view?
- Create, use, and modify a sequence
- Create and drop indexes
- Create and drop synonyms

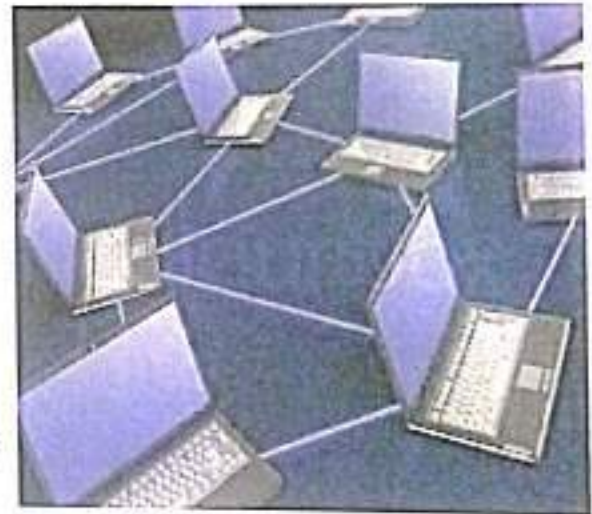
Signature



Hardware (Desktop & Laptop) & Networking

Module ~ III

- Replacing notebook components
- Preventing static electricity discharge
- Preparing the work space & notebook
- Required tools
- Removing the bay cover
- Adding or replacing memory modules
- Replacing the wireless card, optical drive & hard drive
- Replacing the keyboard cover & keyboard
- Replacing the LCD panel assembly
- Replacing the palm rest & speakers
- Replacing the touchpad board, system board & USB board
- Replacing the Bluetooth module, processor & cooling assembly
- Replacing the LCD & LCD panel hinge brackets
- Replacing the microphone & antennas



Career Opportunities

- Technical / Desktop Support Engg.
- Network Support Engg.
- Network Administrator
- System Administrator
- Security Administrator
- Project Leader
- System Manager / IT Head
- CIO (Chief Information officer)



Celestine
Centre Head



LAXMI CHARITABLE TRUST'S

Tel.: 022 6699 2022 / 23
Mob.: 93208 48893

SIR MATHURADAS VISSANJI COMPUTER EDUCATION CENTRE

Old Nagardas Road, Dr. S. Radhakrishnan Marg, Andheri East, Mumbai - 400 069
e-mail : sirmv.cec@gmail.com

SAMPLE COPY

GRADE CARD

Programme: CEC Certified Software Professional

Month & Year of Examination

Student ID: MVCEC - CCSP20-S1/3

MARCH 2021

Student Name: VANSHITA SAWANT

Semester- I

Course Name	Theory Marks	Practical Marks	Total	Grade
	Max Marks (50)	Max Marks (50)		
Python Programming-I	47	48	95	A+
Oracle Database Level-I	46	49	95	A+
Hardware & Networking	48	45	93	A+
Project	N/A	45	45	

Final Total (Out of 350) 328

Result A+

Checked

Exam In-charge

Centre Head

Place: Mumbai
Date: 8th June, 2021.

Per >=85: "A+", >=75: "A", >=65: "B+", >=55: "B", >=40: "C", <40: "Fail"





LAXMI CHARITABLE TRUST'S
SIR MATHURADAS VISSANI
COMPUTER EDUCATION CENTRE



Laxmi Charitable Trust's
Sheth L.U.J College of Arts & Sir
M.V. College
Of Science & Commerce

Course: Fundamental of Data Science with Python

Module1:

- Introduction to Data Science
- Spyder IDE

Module2: Python Revisited

- List
- Tuples
- Set
- Dictionary

Module 3: Data Processing Python Modules

- NumPy
- SciPy
- Pandas
- Sklearn

Module 4: Data Visualization Python Modules

- Matplotlib
- Seaborn

Module 5: Data Processing of CSV file using Pandas

Module 6:

- Introduction to Classification with practical case study
- Introduction to Regression with practical case study

Case Study: Sample Dataset



Java SE 8 Programmer-I Syllabus

1. Java Basics

- Define the scope of variables
- Define the structure of a Java class
- Create executable Java applications with a main method; run a Java program from the command line; including console output.
- Import other Java packages to make them accessible in your code
- Compare and contrast the features and components of Java such as: platform independence, object orientation, encapsulation, etc.

2. Working With Java Data Types

- Declare and initialize variables (including casting of primitive data types)
- Differentiate between object reference variables and primitive variables
- Know how to read or write to object fields
- Explain an Object's Lifecycle (creation, "dereference by reassignment" and garbage collection)
- Develop code that uses wrapper classes such as Boolean, Double, and Integer.

3. Using Operators and Decision Constructs

- Use Java operators; including parentheses to override operator precedence
- Test equality between Strings and other objects using == and equals ()
- Create if and if/else and ternary constructs
- Use a switch statement

4. Creating and Using Arrays

- Declare, instantiate, initialize and use a one-dimensional array
- Declare, instantiate, initialize and use multi-dimensional array

5. Using Loop Constructs

- Create and use while loops
- Create and use for loops including the enhanced for loop
- Create and use do/while loops
- Compare loop constructs
- Use break and continue



6. Working with Methods and Encapsulation

- Create methods with arguments and return values; including overloaded methods
- Apply the static keyword to methods and fields
- Create and overload constructors; including impact on default constructors
- Apply access modifiers
- Apply encapsulation principles to a class
- Determine the effect upon object references and primitive values when they are passed into methods that change the values

7. Working with Inheritance

- Describe inheritance and its benefits
- Develop code that demonstrates the use of polymorphism; including overriding and object type versus reference type
- Determine when casting is necessary
- Use super and this to access objects and constructors
- Use abstract classes and interfaces

8. Handling Exceptions

- Differentiate among checked exceptions, unchecked exceptions, and Errors
- Create a try-catch block and determine how exceptions alter normal program flow
- Describe the advantages of Exception handling
- Create and invoke a method that throws an exception
- "Recognize common exception classes (such as NullPointerException, ArithmeticException, ArrayIndexOutOfBoundsException, ClassCastException)"

Java SE 8 Programmer-II Syllabus

1: Java Class Design

- Use access modifiers: private, protected, public.
- Override methods.
- Overload constructors and other methods appropriately.
- Use the instanceof operator and casting.
- Use virtual method invocation.
- Override methods from the Object class to improve the functionality of your class.



- Use package and import statements.

2. Advanced Class Design

- Identify when and how to apply abstract classes.
- Construct abstract Java classes and subclasses.
- Use the static and final keywords.
- Create top-level and nested classes.
- Use enumerated types.

3. Object-Oriented Design Principles

- Write code that declares, implements and/or extends interfaces.
- Choose between interface inheritance and class inheritance.
- Develop code that implements "is-a" and/or "has-a" relationships.
- Apply object composition principles.
- Design a class using the Singleton design pattern.
- Write code to implement the DAO pattern.
- Design and create objects using a factory, and use factories from the API.

4. Generics and Collections

- Create a generic class.
- Use the diamond syntax to create a collection.
- Analyze the interoperability of collections that use raw types and generic types.
- Use wrapper classes and autoboxing.
- Create and use a List, a Set, and a Deque.
- Create and use a Map.
- Use `java.util.Comparator` and `java.lang.Comparable`.
- Sort and search arrays and lists.

5. String Processing

- Search, parse and build strings.
- Search, parse, and replace strings by using regular expressions.
- Use string formatting.

6. Exceptions and Assertions

- Use throw and throws statements.
- Use the try statement with multi-catch, and finally clauses.
- Autoclose resources with a try-with-resources statement.
- Create custom exceptions.
- Test invariants by using assertions.



7. Java I/O Fundamentals

- Read and write data from the console.
- Use streams to read and write files.

8. Java File I/O (NIO.2)

- Use the Path class to operate on file and directory paths.
- Use the Files class to check, delete, copy, or move a file or directory.
- Read and change file and directory attributes.
- Recursively access a directory tree.
- Find a file by using the PathMatcher class.
- Watch a directory for changes by using WatchService.

9. Building Database Applications with JDBC

- Define the layout of the JDBC API.
- Connect to a database by using a JDBC driver.
- Update and query a database..
- Customize the transaction behavior of JDBC and commit transactions.
- Use the JDBC 4.1 RowSetProvider, RowSetFactory and RowSet interfaces.

10. Threads

- Create and use the Thread class and the Runnable interface.
- Manage and control thread lifecycle.
- Synchronize thread access to shared data.
- Identify potential threading problems.

11. Concurrency

- Use java.util.concurrent collections.
- Apply atomic variables and locks.
- Use Executors and ThreadPools.
- Use the parallel Fork/Join Framework.

12. Localization

- Read and set the locale by using the Locale object..
- Build a resource bundle for each locale.
- Load a resource bundle in an application.
- Format text for localization by using NumberFormat and DateFormat



Signature



LAXMI CHARITABLE TRUST'S

Tel.: 022 6699 2022 / 23
Mob.: 98209 40693

SIR MATHURADAS VISSANJI COMPUTER EDUCATION CENTRE

Old Nagardas Road, Dr. S. Radhakrishnan Marg, Andheri East, Mumbai - 400 069
e-mail : sirmv.cec@gmail.com

GRADE CARD

Course: CEC Certified Software Professionals Month & Year of Examination

Student ID: MVCEC-CCSP-III/09

May 2021

Student Name: JAY JAYANTI RATHOD

Semester- III

Course Name	Theory Marks Max Marks (50)	Practical Marks Max Marks (50)	Total	Grade
Data Science Part-I	48	49	97	A+
Advanced Java	44	45	94	A+
Project	N/A	48	48	A+

Final Total (Out of 250) 239

Result A+

Remark: Project Completed - 'Medicine Management System'

Jay Jayanti Rathod
Checked



Manoj
Centre Head

Place: Mumbai

Date: 22nd JUNE 2021

Per ≥ 85: "A+", ≥ 75: "A", ≥ 65: "B+", ≥ 55: "B", ≥ 40: "C", ≥ 30: "Fail"



Laxmi Charitable Trust's
Sheth L.U.J. College of Arts & Sir M.V. College of Science & Commerce
Dr. S. Radhakrishnan Marg, Andheri (East), Mumbai 400 069.

Criteria No. 7 Institutional Values and Best Practices

Metric No. with Title: 7. 3 Institutional Distinctiveness

Sub Metric No. with Title: 7.3.1: Portray the performance of the Institution in one area distinctive to its priority and thrust.

ACADEMIC YEAR 2019-20

INDEX

Sr. No	Brochure and Sample Certificate of the courses conducted in the college during the academic year 2019-20 as per the following course list-
1.	Python Programming Basic & Hardware & Networking (CCSP SEM I)
2.	Oracle DBMS Certification Level-I (CCSP SEM I)
3.	Python Programming-II & Java Programming (CCSP SEM II)
4.	Oracle Database Level-II (CCSP SEM II)
5.	Digital Marketing
6.	Embedded Systems and Robotics

LAXMI CHARITABLE TRUST'S

SHETH L.U.J & SIR M.V COLLEGE



CERTIFICATE COURSE-DIGITAL MARKETING

COURSE INCLUSIONS

SEO & SEM:

Google
Bing
PPC
ORM

SOCIAL MEDIA

Facebook
YouTube
Instagram
Twitter

AFFILIATE MARKETING

Flipkart
Amazon
Snapdeal

Mobile Marketing
Gamifications & Lots More...

COURSE HIGHLIGHTS

Internships
Opportunities To Work
On Live Projects

For More Information & Admission Contact

Prof. Manisha Sayani

+91 98700 51523

manishasayani@gmail.com



DIGITAL DRILL

Reg. No. MVLU/MDM-12/17

CERTIFICATE

OF COMPLETION
THIS IS TO CERTIFY THAT

NIHAR DABHOLKAR

*has successfully completed the short term course
in Digital Media Marketing offered by
Sheth L.U.J. & Sir M.V. College of Arts, Science & Commerce
in association with Digital Drill,
July 2019.*



COURSE CO-ORDINATOR
MRS. MANISHA SAYANI

INSTRUCTOR
SHRUTIKA WAGHMARE
SEO EXECUTIVE, IDIGITIZE

DIRECTOR
MRS. JYOTI GAITONDE



DIGITAL DRILL

Reg. No. MVLU/MDM-13/20

CERTIFICATE

OF COMPLETION
THIS IS TO CERTIFY THAT

NEHA RANA

*has successfully completed the short term course
in Digital Media Marketing offered by
Sheth L.U.J. & Sir M.V. College of Arts, Science & Commerce
in association with Digital Drill,
September 2019.*



COURSE CO-ORDINATOR
MRS. MANISHA SAYANI

INSTRUCTOR
SHRUTIKA WAGHMARE
SEO EXECUTIVE, IDIGITIZE

DIRECTOR
MRS. JYOTI GAITONDE



DIGITAL DRILL

Reg. No. MVLU/MDM-14/08

CERTIFICATE

OF COMPLETION
THIS IS TO CERTIFY THAT

YASH SALVI

*has successfully completed the short term course
in Digital Media Marketing offered by
Sheth L.U.J. & Sir M.V. College of Arts, Science & Commerce
in association with Digital Drill,
December 2019.*



COURSE CO-ORDINATOR
MRS. MANISHA SAVANI

INSTRUCTOR
SHRUTIKA WAGHMARE
S/O EXECUTIVE, DIGITIZE

DIRECTOR
MRS. JYOTI GAITONDE



DIGITAL DRILL

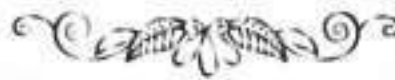
Reg. No. MVLU/MDM-15/05

CERTIFICATE

OF COMPLETION
THIS IS TO CERTIFY THAT

HEENA SHAIKH

*has successfully completed the short term course
in Digital Media Marketing offered by
Sheth L.U.J. & Sir M.V. College of Arts, Science & Commerce
in association with Digital Drill,
February 2020.*



COURSE CO-ORDINATOR
MRS. MANISHA SAYANI

INSTRUCTOR
SHRUTIKA WAGHMARE
SEO EXECUTIVE, IDIGITIZE

DIRECTOR
MRS. JYOTI GALTONDE



Python Programming

Duration : ~~80~~ Hours
30

Course Content

- ☒ What's Programming?
- ☒ Introduction to Python.
- ☒ Designing and Using Functions
- ☒ Strings
- ☒ Conditional statements
- ☒ A Modular Approach to Program Organization
- ☒ Using Methods
- ☒ Collections and Lists
- ☒ Loops
- ☒ Reading and Writing Files
- ☒ Exception Handling
- ☒ Set, Tuples and Dictionaries
- ☒ Searching and Sorting
- ☒ Designing Algorithm
- ☒ Object-Oriented Programming in Python
- ☒ Testing and Debugging
- ☒ Graphical User Interfaces
- ☒ Databases Connection (MySQL)
- ☒ Project Development

Application Domains

- ☒ Web and Internet Development
- ☒ Database Access
- ☒ Desktop GUIs
- ☒ Scientific and Statistics.
- ☒ Mobile App development.
- ☒ Network Programming

Why Python

- ☒ Easy to Learn and Program.
- ☒ Supported by All Operating Systems and Web Browsers
- ☒ Open Source

Top Organizations Using Python

- ☒ Yahoo Maps, Yahoo Groups
- ☒ Google
- ☒ Linux Weekly News
- ☒ YouTube, Facebook
- ☒ Industrial Light & Magic
- ☒ Walt Disney


Centre Head





Oracle Database 10g/11g - SQL & PL/SQL Syllabus

Introduction

- Overview of Oracle Database 11g and related products
- Overview of relational database management concepts and terminologies
- Introduction to SQL and its development environments
- The HR schema and the tables used in this course
- Oracle Database documentation and additional resources

Retrieve Data using the SQL SELECT Statement

- List the capabilities of SQL SELECT statements
- Generate a report of data from the output of a basic SELECT statement
- Use arithmetic expressions and NULL values in the SELECT statement
- Invoke Column aliases
- Concatenation operator, literal character strings, alternative quote operator, and the DISTINCT keyword
- Display the table structure using the DESCRIBE command

Restricted and Sorted Data

- Write queries with a WHERE clause to limit the output retrieved
- Describe the comparison operators and logical operators
- Describe the rules of precedence for comparison and logical operators
- Usage of character string literals in the WHERE clause
- Write queries with an ORDER BY clause
- Sort the output in descending and ascending order
- Substitution Variables

Usage of Single-Row Functions to Customize Output

- List the differences between single row and multiple row functions
- Manipulate strings using character functions
- Manipulate numbers with the ROUND, TRUNC, and MOD functions
- Perform arithmetic with date data
- Manipulate dates with the DATE functions



Conversion Functions and Conditional Expressions

Describe implicit and explicit data type conversion

Describe the TO_CHAR, TO_NUMBER, and TO_DATE conversion functions

- Nesting multiple functions
- Apply the NVL, NULLIF, and COALESCE functions to data
- Usage of conditional IF THEN ELSE logic in a SELECT statement

Aggregated Data Using the Group Functions

- Usage of the aggregation functions in SELECT statements to produce meaningful reports
- Describe the AVG, SUM, MIN, and MAX function How to handle Null Values in a group function?
- Divide the data in groups by using the GROUP BY clause
- Exclude groups of data by using the HAVING clause

Display Data From Multiple Tables

- Write SELECT statements to access data from more than one table
- Join Tables Using SQL:1999 Syntax
- View data that does not meet a join condition by using outer joins
- Join a table to itself by using a self join
- Create Cross Joins

Usage of Subqueries to Solve Queries

- Use a Subquery to Solve a Problem
- Single-Row Subqueries
- Group Functions in a Subquery
- Multiple-Row Subqueries
- Use the ANY and ALL Operator in Multiple-Row Subqueries
- Use the EXISTS Operator

SET Operators

- Describe the SET operators
- Use a SET operator to combine multiple queries into a single query
- Describe the UNION, UNION ALL, INTERSECT, and MINUS Operators
- Use the ORDER BY Clause in Set Operations

Data Manipulation

- Add New Rows to a Table



- Change the Data in a Table
- Use the DELETE and TRUNCATE Statements
- How to save and discard changes with the COMMIT and ROLLBACK statements
- Implement Read Consistency
- Describe the FOR UPDATE Clause

DDL Statements to Create and Manage Tables

- Categorize Database Objects
- Create Tables
- Describe the data types
- Understand Constraints Create a table using a subquery How to alter a table?
- How to drop a table?

Other Schema Objects

- Create, modify, and retrieve data from a view
- Perform Data manipulation language (DML) operations on a view How to drop a view?
- Create, use, and modify a sequence
- Create and drop indexes
- Create and drop synonyms

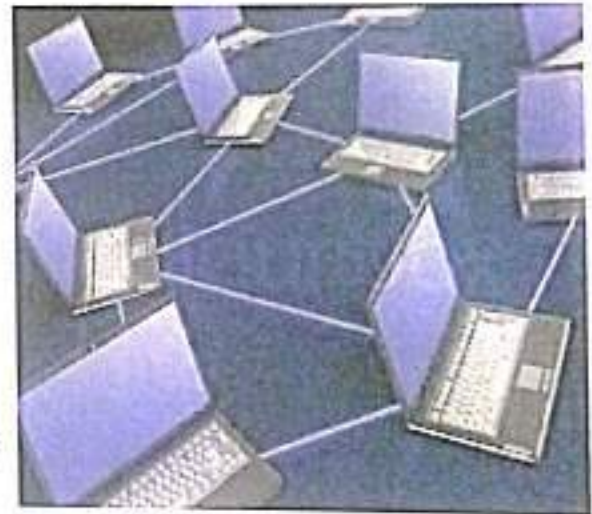
Signature



Hardware (Desktop & Laptop) & Networking

Module ~ III

- Replacing notebook components
- Preventing static electricity discharge
- Preparing the work space & notebook
- Required tools
- Removing the bay cover
- Adding or replacing memory modules
- Replacing the wireless card, optical drive & hard drive
- Replacing the keyboard cover & keyboard
- Replacing the LCD panel assembly
- Replacing the palm rest & speakers
- Replacing the touchpad board, system board & USB board
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Centre Head



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 Old Nagardas Road, Dr. S. Radhakrishnan Marg, Andheri East, Mumbai - 400 069
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 Mob : 98208 46693

GRADE CARD

Semester-I

Programme: CEC Certified Software Professional

Month & Year of Examination

Student ID: MVCEC-CCSP19-29

DEC 2019


Student Name: Jay Jayanti Rathod


Course Name	Theory Marks Max Marks (50)	Practical Marks Max Marks (50)	Total	Grade
Python Programming- I	46	49	95	A+
Oracle Database Level-I	35	45	80	A
Hardware & Networking	34	36	70	B+
Project	N/A	50	50	A+

Final Total (Out of 400) 295

Result **PASSES/A+ Grade**

Remark: Project Completed in Python- 'E-commerce System'


Checked


Exam In-charge


Centre Head

Place: Mumbai
Date: 26-01-2020




Centre Head

Gr >=85: "A+", >=75: "A", >=65: "B+", >=55: "C", >=40: "C", <40: "Fail"



Laxmi Charitable Trust's


Sir Mathuradas Vissanji Computer Education Centre

Dr. S. Radhakrishnan Marg, Andheri (East), Mumbai - 400 069.

Python Advance

Course Duration: 60 Hours

- Object Oriented Programming in Python
- Application Development in Python (GUI + Database)
- Python Scripting
- Django
- Exception Handling
- Multi - Threads
- Networking Program
- Email
- Text Processing (Regex)


Center Head





Oracle Database 10g/11g - SQL & PL/SQL Syllabus

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SET Operators

- Describe the SET operators
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- Use the ORDER BY Clause in Set Operations

Data Manipulation

- Add New Rows to a Table
- Change the Data in a Table
- Use the DELETE and TRUNCATE Statements



- Data Type Conversion
- Nested Blocks
- Operators in PL/SQL

Interaction with the Oracle Server

- SELECT Statements in PL/SQL to Retrieve data ☐ Data Manipulation in the Server Using PL/SQL
- The SQL Cursor concept
- Learn to use SQL Cursor Attributes to Obtain Feedback on DML ☐ How to save and discard transactions?

Control Structures

- Conditional processing Using IF Statements
- Conditional processing Using CASE Statements
- Simple Loop Statement
- While Loop Statement
- For Loop Statement
- The Continue Statement

Usage of Composite Data Types

- PL/SQL Records
- The %ROWTYPE Attribute
- Insert and Update with PL/SQL Records
- Associative Arrays (INDEX BY Tables)
- INDEX BY Table Methods
- INDEX BY Table of Records

Explicit Cursors

- Understand Explicit Cursors ☐ Declare the Cursor ☐ How to open the Cursor? ☐ Fetching data from the Cursor ☐ How to close the Cursor? ☐ Cursor FOR loop
- Explicit Cursor Attributes
- FOR UPDATE Clause and WHERE CURRENT Clause

Exception Handling

What are Exceptions?

Handle Exceptions with PL/SQL

- Trap Predefined Oracle Server Errors
- Trap Non-Predefined Oracle Server Errors
- Trap User-Defined Exceptions
- Propagate Exceptions
- RAISE_APPLICATION_ERROR Procedure

Stored Procedures and Functions



- How to save and discard changes with the COMMIT and ROLLBACK statements
- Implement Read Consistency
- Describe the FOR UPDATE Clause

DDL Statements to Create and Manage Tables

- Categorize Database Objects
- Create Tables
- Describe the data types
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- How to drop a table?

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- Create, use, and modify a sequence
- Create and drop indexes
- Create and drop synonyms

SEM-II

Introduction to PL/SQL

- PL/SQL Overview
- List the benefits of PL/SQL Subprograms
- Overview of the Types of PL/SQL blocks
- Create a Simple Anonymous Block
- Generate the Output from a PL/SQL Block

PL/SQL Identifiers

- List the different Types of Identifiers in a PL/SQL subprogram
- Usage of the Declarative Section to Define Identifiers
- Use of variables to store data
- Scalar Data Types
- %TYPE Attribute
- Bind Variables
- Sequences in PL/SQL Expressions

Write Executable Statements

Basic PL/SQL Block Syntax Guidelines How to comment code?

- SQL Functions in PL/SQL

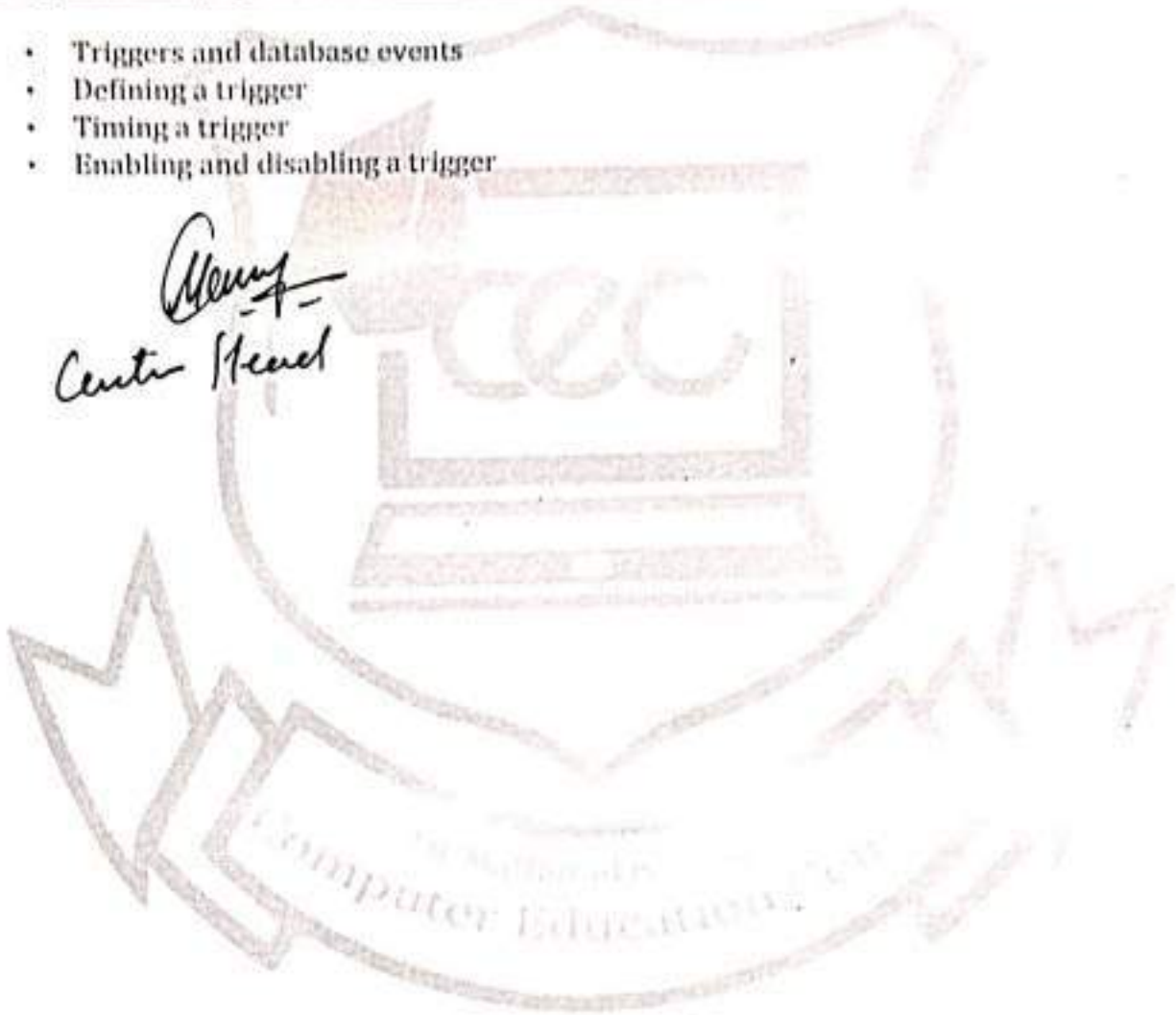


- What are Stored Procedures and Functions?
- Differentiate between anonymous blocks and subprograms
- Create a Simple Procedure
- Create a Simple Procedure with IN parameter
- Create a Simple Function
- Execute a Simple Procedure in Execute a Simple Function

Triggers in PL/SQL.

- Triggers and database events
- Defining a trigger
- Timing a trigger
- Enabling and disabling a trigger

Henry
Center Head





Java Core & Adv.

Duration : 60 + 90 Hours

Java Basics ~ I

- Java Basics, Data Types.
- Operators and Decision Constructs.
- Creating and Using Arrays & Loop Constructs.
- Working with Methods.
- Encapsulation, Inheritance.
- Handling Exceptions.

Java Basics ~ II

- Java Advanced Class Design,
- Object-Oriented Design Principles.
- Generics and Collections.
- String Processing.
- Exceptions and Assertions.
- Java Console I/O & File I/O Fundamentals.
- Building Database Applications with JDBC.
- Threads, Concurrency & Localization.

Java Advance

- Part I : GUI Application using swing component.
- Part II : Java Servlet Technology.
- Part III : Java Server Pages.
- Part IV : Web Services.
- Part V : Enterprise Beans.

CEC Features

- * Highly Qualified Trainers.
- * Course Certificate
- * Certification Mock Exams.
- * Java Project Development.
- * Extra hours for Lab Practice
- * Flexible Batch Timings.
- * Interview & Aptitude Test Preparation.
- * Internship & Placement Support.
- * 100% Practicals
- * Courseware.

Center Head





GRADE CARD

Course: CEC Certified Software Professional

Month & Year of Examination:

Student ID: MVCEC-CCSP19-SII/29

OCTOBER 2020

Student Name: JAY JAYANTI RATHOD

Semester- II

Course Name	Theory Marks Max Marks (50)	Practical Marks Max Marks (50)	Total	Grade
Python Programming- II	48	49	97	A+
Oracle Database Level-II	42	45	87	A+
Java Programming	36	43	79	A
Project	N/A	45	45	A+

Final Total (Out of 350)

308

Result

A+

Remarks: Project Completed in Python- 'Custom PC Builder'

Checked

Exam In-charge

Centre Head

Place: Mumbai
Date: 24-10-2020



Centre Head

Per >=85 'A+' >=75 'A' >=65 'B+' >=55 'B' >=40 'C' <40 'Fail'

Sheth L.U.J. & Sir M. V. College

Dr. S. Radhakrishnan Marg, Andheri-East, Mumbai-400 069

Embedded Systems & Robotics Course

Salient Features:

- 1] Introduction to Microcontrollers and ARDUINO
Understand what Arduino is and its capabilities.
- 2] Learning Physical Interfaces & Electronics of ARDUINO Board
Getting to know about pins and the circuit board of Arduino.
- 3] Programming with ARDUINO
Familiarizing with the Arduino IDE, Program structure and its syntax.
- 4] Interfacing ARDUINO with-
LEDs, Sensors, Motor Drivers, Display Units.
- 5] Smart Projects using ARDUINO
Developing Robots, Embedded devices and IOT based projects with the kits.

- ***Experienced Industrial Trainers***
- *Post Course Guidance*
- ***Course Completion CERTIFICATE***
- *Eligibility : HSC / Equivalent Examination Passed*
- ***Course Duration : 20 Hours***
- ***Course fee : Rs. 8500/-***
- ***Commencing from August 23rd, 2019.***

Contact : Mrs. Sneha Gokarnkar

MOB : 9987394282



Laxmi Charitable Trust's

Sir Mathuradas Vissanji Computer Education Centre

Dr. S. Radhakrishnan Marg, Andheri (East), Mumbai - 400 069.

Certificate no. MVCEC/RB-19/01

Certificate

This is to certify that

Achary Manu

has participated in **Embedded Systems & Robotics Workshop.**



Duration: **20 hours**

Year of Certification: **December, 2019.**

Director

Centre Head

Course Coordinator