Proposal

for

Vocational Education and Training

On

Oracle: Database Foundations

For

BCA Students

Submitted by:

Department of Computer Application
(BCA Course)

(2019-2020)

Contents of Course

Module 1 : Introduction to SQL (10 Hrs. Theory + 10 Hrs. Practical)

Theory (10 Hrs.)
- Writing Basic SQL Statement
- Restricting & Sorting Data
- Single Row Functions
- Displaying Data from Multiple Tables
- Aggregating Data using Group Functions
- Sub-Queries
- Producing Readable Output with SQL*Plus
- Manipulating Data
- Creating and Managing Tables
- Including Constraints
- Creating Views
- Creating Other Database Objects
- Controlling User Access
- Using Set Operators
- Enhancements to the Group BY Clause

Practical (10 Hrs.)
Based upon above Contents

Module 2 : Introduction to PL/SQL (10 Hrs. Theory + 10 Hrs. Practical)

Theory (10 Hrs.)
- Declaring Variables
- Writing Executable Statements
- Interacting with the Oracle Server
- Writing Control Structures
- Working with Composite Data Types
- Writing Explicit Cursors
- Advanced Explicit Cursor Concepts
- Handling Exceptions
- Creating Procedures
- Creating Functions
- Managing Subprogram
- Creating Packages
- More Package Concepts
- Creating Database Triggers

Practical (10 Hrs.)
Based upon above Contents

Duration: 40 Hours

         Theory :   20Hours

         Practical : 20 Hours

Eligibility: Final Year Students of BCA

Intake: 30 Students / Batch

Course Coordinator: Prof. V. N. Mohod

Faculty Members: **1.** Prof. A. N. Patil

                   2. Prof. S. K. Totade

V. N. Mohod

Course coordinator
Department of Computer Application
(BCA Course)

VIDYABHARATI MAHAVIDYALAYA, AMRAVATI
C.K. Naidu Road, Camp, Amravati- 444602

Department of Computer Application (BCA Course)

Workload Distribution

Sr. No	Name of Faculty Members	Theory	Practical
1	Prof. A. N. Patil	10 hrs	10 hrs
2	Prof. S. K. Totade	10 hrs	10 hrs
	Total	**20 hrs**	**20 hrs**

V. N. Mohod
Course Coordinator
Department of Computer Application
(BCA Course)

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Department of Computer Application (BCA Course)

Sr. No	Name of Department	Name of Certificate	Duration	Faculty
1	Department of Computer Application (BCA Course)	Vocational Education and Training	03/09/2019 To 30/09/2019	Prof. A. N. Patil Prof. S. K. Totade

The proposal for Vocational Education Training (VET) is prepared for permission to conduct the course.

In Charge
VET Committee

NAAC Coordinator
Vidyabharati Mahavidyalaya, Amravati

Principal
Vidyabharati Mahavidyalaya, Amravati

VIDYABHARATI MAHAVIDYALAYA, AMRAVATI

C.K. Naidu Road, Camp, Amravati- 444602

Department of Computer Application (BCA Course)

Vocational Education Training

APPLIACTION FORM

1. Student ID - _____

2. Class - _____

3. Name of the Student _____

4. Name of Father/ Guardian - _____

5. Address - _____

    _____

    _____

6. Email ID - _____

7. Aadhar No.- _____

8. Contact No. - _____

9. Religion - _____   Caste- _____   Category - _____

10. Date of Birth - _____

11. Name of the Programme / Course-_____

Date:

Signature of Applicant