

Sant Gadge Baba Amravati University, Amravati
Syllabus Prescribed for 2 Year BSc UG Programme
Programme: Computer Science/Computer Application (Voc/ Non-Voc)/IT
Semester IV

Code of the Course/Subject	Title of the Course/Subject (Laboratory/Practical/practicum/hands-on/Activity)	(No. of Periods/Week)
2CSLAB2	Networking and Web Technology	6 per batch

COs

1. Get Familiar with Internet and its uses.
2. Able to Create and send email with attachments.
3. Prepare HTML documents
4. Able to write code for webpage
5. Able to write CSS

Networking and Web Technology

*** List of Practical/Laboratory Experiments/Activities etc.**

Sr.No.	Name of Program/ Experiment
1	Create your Own Email Account .
2	Compose and Send email to your friends regarding invitation.
3	Compose and Send email using Text, Attachments, etc.
4	Compose and Send email including Subject, CC and BCC.
5	Create HTML document of your Biodata.
6	Create HTML document using Heading Tags.
7	Create HTML document using <P>, <HR> and Tags.
8	Create HTML document using , <I>, <U>, and <PRE> Tags.
9	Create HTML document using <BIG>, <SMALL>, and <STRIKE> Tags.
10	Create HTML document using <SUB> and <SUP> Tags.
11	Create HTML document to insert a link using <A> and <LINK> Tags.
12	Create HTML document to insert a image using Tag.
13	Create HTML document using <MARQUEE> and <BLOCKQUOTE> Tags.
14	Create HTML document to insert a Table using <TABLE> Tag with all attributes.
15	Create HTML document to prepared the lists using Tag with all attributes.
16	Create HTML document to formatting on fonts using Tag with all attributes.
17	Create XML document for Internal DTD.
18	Create XML document for External DTD.
19	Create CSS document for Embedded/Internal Style Sheet.
20	Create CSS document for External Style Sheet.

Sant Gadge Baba Amravati University, Amravati
Syllabus Prescribed for 2 Year BSc UG Programme
Programme: Computer Science/Computer Application (Voc/ Non-Voc)/IT
Semester IV

Code of the Course/Subject	Title of the Course/Subject (Laboratory/Practical/practicum/ hands-on/Activity)	(No. of Periods/Week)
2CSLAB2	Lab RDBMS and Core Java	

COs

1. Get Familiar with Relational Database.
2. Able to Create various Relational Database and Operations over it.
3. Prepare queries by using inbuilt functions.
4. Able to write programs using abstract classes.
5. Able to write multithreaded programs
6. Able Develop reusable programs using the concepts of inheritance, interfaces.

* List of Practical/Laboratory Experiments/Activities etc.

Sr.No.	Name of Program/ Experiment
1	Illustrate use of DDL commands
2	Manipulate data by using DML commands
3	Illustrate SELECT command by using of possible clauses
4	Illustrate use EXIST, LIKE, IS NULL, IN operators.
5	Illustrate Joins and its types
6	Illustrate queries by using possible inbuilt Character, Number, Date Functions
7	Illustrate queries by using possible Group Functions
8	Write PL/SQL code to crate Cursor
9	Write PL/SQL code to create Simple Function
10	Write PL/SQL code illustrating loop
11	Write PL/SQL code illustrating conditional controls.
12	Write PL/SQL code to create Triggers
13	Illustrate use of Row Level and Statement level Trigger
14	Write program to design Calculator Program in Java
15	Write program to calculate Factorial using Recursion
16	Write program to generate Fibonacci Series Program
17	Write program to Palindrome number in Java
18	Write program to compare string
19	Write program to Pattern Programs in Java
20	Write a program for function overloading.