Assignmnet & Presenattion for BCA students (winter Break Jan, 2020)

Class BCA 2nd Semester

Name of Subject	Name of Topic /Title	Subject Teacher
DBMS	- DBMS Architecture - Components of DBMS - Advantages & disadvantages of DBMs - Relational Model	Mrs. Shilpa Sharma
Digital Electronics	Q1:obtain the minimal POS expression for M(0,1,2,4,5,6,9,11,12,13,14,15) and implement it in NOR logic. Q2: Reduce the following SOP expression using k map m(0,1,3,5,8,9,12,13) Q3:Simplify the following equation f(ABCD)=m(0,2,4,5,6,7,8,10,13) in a)SOP form b) POS form Q4:Reduce the following POS expression in SOP form by using kmap F(ABCD)=M(1,3,5,6,7,10,13,14)	Ms. Shikha Pathania
Data Structure	- Write a algorithm and program in c language to perform array operation (insertion , deletion traverse) - Classification of data structure with example.	Mr.Ranjan Choudhary
Maths	Successive Derivative , Genral Theorems and Groups (two unit Practice In written two time)	Dr.Ashwani Kumar
Communicative English	Uses of tenses	Mr.Sachin Pagrotra

Class BCA 4ᵗʰ Semester

Name of Subject	Name of Topic /Title	Subject Teacher
SAD	• Basics of Java Language • Control Statements using java • SDLC	Mrs. Shilpa Sharma
PM	• What is Job Design ? Explain the various Methods of Job design in an organisation. • . Explain the various approaches of Job Design in an organisation	Ms. Parul Mahajan
IT & Web Tech.	Design a single page website including all the topics covered till now.	Ms. Shikha Pathania
VB.Net	• Student management System • Custom Notepad	Mr.Sharad Kumar
Accounting	Management accounting:-- 1) Introduction of topic 2) Cash flow statement 3) Fund flow statement	Mr. Kartik Sud

Class BCA 6ᵗʰ Semester

Name of Subject	Name of Topic /Title	Subject Teacher
Computer Graphics	• Devices of Computer using graphics technology • Application of CG • 2-D transformation	Mrs. Shilpa Sharma
Software Engineering	• Explain all the software life cycle models with example. • Role of management in software development.	Mr. Ranjan Choudhary

Numerical Methods	• Approximation Binary Operation, Error, Types of error. Floating and exercise Floating Points **Unit 1** and **Unit II** (written Each Method 10 questions Two time)	Dr. Ashwani Kumar
Multimedia	• Explain the various sound file formats used on devices in brief . • What is MIDI system? Explain the components of MIDI system?	Ms. Parul Mahajan
Computer Networks	• OSI model • How to stop security breach in networking	Mr. Sharad Kumar

Tentative date for BCA (2nd, 4th, 6th) Class Test 30th January,2020