

Student Assignments 2022-23

S. Kamalakar

S.no.	Topic of the assignment	No .of students assignment submitted
1	Sovereign State System	20
2.	First World War	15
3.	Disarmament	20
4.	India's Foreign Policy	30
5	Terrorism	30

Dr. K. Sreedevi

S.no.	Topic of the assignment	No .of students assignment submitted
1	Colonialism	15
2.	Second World War	20
3.	Problems of Third world countries	25
4.	India's Foreign Policy	30
5	North-South Dialogue	30

Dr.A. Madhusudhan Reddy

S.no.	Topic of the assignment	No .of students assignment submitted
1	Significance of political theory	35
2.	Social Contract theory	40
3.	Liberal perspective on Equality	25
4.	Liberalism	50
5	Feminism	35

K. Madhavi

S.no.	Topic of the assignment	No .of students assignment submitted
1	Gouthama Buddha	25
2.	Jyothirao Phule	20
3.	Indian Parliament	25
4.	National Political Parties	20
5	Centre- State Relations	30

Semester I

Paper :- Differential and integral calculus

Date : 05/12/2022
 Assignment : Homogeneous functions
 Sign : ~~NS~~

Date : 06/12/2022
 Assignment : Radius of curvature - Newtonian method
 Sign : NS

Date : 05/12/2022
 Assignment : Maxima & minima of function of two variables
 Sign : ~~NS~~

Date : 17/01/2023
 Assignment : Taylor's theorem for a function of two variables
 Sign : ~~NS~~

Date : 18/01/2023
 Assignment : Length & surface area of curves.
 Sign : NS

Semester III

Paper :- Real Analysis

Date : 02/09/2022
 Assignment : Convergent and Cauchy's sequence.
 Sign : ~~NS~~

Date : 08/09/2022
 Assignment : Series - Test.
 Sign : ~~NS~~

Date : 01/11/2022
 Assignment : Continuous functions.
 Sign : ~~NS~~

Date : 03/11/2022
 Assignment : Differentiable functions.
 Sign : ~~NS~~

Date : 04/11/2022
 Assignment : Riemann integration.
 Sign : ~~NS~~

Semester V
Paper: Linear Algebra

Date = 19/9/2022
Assignment = Vector spaces - Def & Examples.
Sign = ~~wp~~

Date = 21/09/2022
Assignment = linear transformation of a matrix
Sign = ~~wp~~

Date = 19/09/2022
Assignment = Null space and Column space of a matrix.
Sign = ~~wp~~

Date : 01/9/2022
Assignment : Dimension and Rank of a matrix.
Sign : ~~wp~~

Date : 03/11/2022
Assignment : Orthogonal and orthonormal set.
Sign : ~~wp~~

Semester VI
Paper: Differential Equations

Date : 06/04/2023.
Assignment = Exact Differential Equations.
Sign = ~~wp~~

Date = 10/04/2023.
Assignment : Solvable for P, solvable for x.
Sign : ~~wp~~

Date : 04/04/2023.
Assignment : linear Differential Equations.
Sign : ~~wp~~

Date : 08/05/2023.
Assignment : Higher order linear Equations.
Sign : ~~wp~~

Date : 02/04/2023.
Assignment : Partial Differential Equations.
Sign : ~~wp~~

Paper : Algebra

Date : 27/3/23
 Assignment : Subgroups.
 Sign : ~~W.F.~~

Date = 29/3/23.
 Assignment = Normal subgroups.
 Sign = ~~W.F.~~

Date : 10/4/23.
 Assignment : Homomorphism - Def & Examples.
 Sign : ~~W.F.~~

Date : 12/04/23.
 Assignment : Rings & subring
 Sign : ~~W.F.~~

Date : 03/03/2023.
 Assignment : Prime ideal & Maximal ideal
 Sign : ~~W.F.~~

Paper : Analytical Solid Geometry

Date = 28/3/2023.
 Assignment = plane - Examples.
 Sign = ~~W.F.~~

Date = 24/03/2023.
 Assignment = intersection of a sphere & line
 Sign = ~~W.F.~~

Date = 21/03/2023.
 Assignment = intersection of two spheres
 Sign = ~~W.F.~~

Date = 04/04/2023.
 Assignment = Right circular cone.
 Sign : ~~W.F.~~

Date = 01/04/2023.
 Assignment = Equation of a cylinder & enveloping cylinder
 Sign : ~~W.F.~~

KAKATIYAGOVERNMENT COLLEGE

HANUMAKONDA, DIST. HANUMAKONDA.

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DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

I, III & V SEMESTER Details of Assignments for the Year 2022-2023

Lecturer Name: V. Ramesh Subjects

1. BSC(MPCs)-IIIYR-SEC-A-Programming in JAVA
2. B.Com CA-IIYR-III SEM-SEC-B-RDBMS
3. B.Com CA-IYR-FIT-SEC-B
4. BA(CA)-IYR-I SEM-Programming in C



S.No.	Group-Year & Sem	Date	Assignment Details	Submitted Date
1.	B.COMCA IIYR-III SEM	09-09-2022	Assignment-I 1. Explain the Traditional File processing system and Limitations 2. What are Database approach and its advantages	12-09-2022
2.	BSC(MPCs) IIIYR - V SEM	24-09-2022	Assignment-I 1. Write short notes on JVM 2. Basic structure of Java Program	11-10-2022
3.	B.COMCA IIYR-III SEM	19-10-2022	Assignment-II 1. Explain the three-schema architecture for database development 2. Write short notes on SQL? 3. What are the Data types supported by SQL/Oracle?	21-10-2022
4.	BSC(MPCs) IIIYR - V SEM	21-10-2022	Assignment-II 1. Explain the Method Overloading with program/Example? 2. Write about constructor with program 'or' example	26-10-2022
5.	B.COM CA IYr-I SEM- SEC -B	25-10-2022	Assignment-I 1. Block diagram of Computer 2. Classification of Computers	28-10-2022

Continue....

6.	BA(CA)IYR-ISEM	31-10-2022	Assignment-I 1. Features / advantages / Characteristics of Computer 2. Block Diagram of computer / Anatomy of a Computer	03-11-2022
7.	BA(CA)IYR-ISEM	07-11-2022	Assignment-II 1. Classification of computers 2. Memory Hierarchy 3. Operating system functions	10-11-2022
8.	B.COM CA IYR-ISEM-SEC-B	14-11-2022	Assignment-II 1. Number System? Types of Number Systems? 2. Secondary Storage Devices	18-11-2022
9.	BSc(MPCs) IIIYR-VSEM	28-11-2022	Assignment-III 1. Inheritance 2. Superkey 3. Final key	01-12-2022
10.	B.Com CA IYR-III Sem-Sec-B	30-11-2022	Assignment-III 1. Data Redundancy 2. Normalization 3. Third Normal (3NF)	02-12-2022
11.	B.Com CA IYR-ISEM-SEC-B	02-12-2022	Assignment -III 1. Types of Software 2. Secondary storage Devices	05-12-2022
12.	B.A(CA)-IYR-ISEM	02-12-2022	Assignment-III 1. Operators in C 2. Data types in C 3. Basic structure of C Program	05-12-2022
13.	B.A(C.A)-IYR-ISEM	09-01-2023	Assignment-IV 1. Explain the following syntax a. If..else statement b. b.Switch statement 2. Explain the following syntax a. While statement b. Do While statement	21-01-2023

Note:

From 01-01-2023 onwards B.Com CA IYR- SEM- SEC-B My Class is given to Guest Faculty Priyanka Madam

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DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS


II, IV & VI SEMESTER

Details of Assignments for the Year 2022-2023

Lecturer Name: V. Ramesh Subjects

1. BSC (Data Science) - IYr - IISem - Problem Solving and Python Programming
2. B.Com CA - IYR - IISEM - SEC-B - Programming with C & C++
3. B.Com CA - IIYR - IVSEM - SEC-B - Web Technologies

S.No.	Group-Year & Sem	Date	Assignment Details	Submitted Date
1.	B.Com CA IIYr-IVSem - SEC-B	18-03-2023	Assignment-I 1. What is HTML? Explain its Advantages and Disadvantages? 2. What is the structure of a HTML page?	21-03-2023
2.	BSC (Data Science) IYr - II Sem	20-03-2023	Assignment-I 1. Write about Identification of Computational Problems 2. Define the Pseudo Code and give examples	23-03-2023
3.	B.Com CA IYr-IISem	01-04-2023	Assignment-I 1. C-Tokens 2. Operators in C 3. Data Types in C	03-04-2023
4.	B.Com CA IIYr-IVSem - SEC-B	17-04-2023	Assignment-II 1. What is DHTML? Advantages and Disadvantages? 2. Explain about CSS with Example?	19-04-2023
5.	BSC (Data Science) IYr - II Sem	18-04-2023	Assignment-II 1. Write the following a) Keywords b) Variable & Types 2. Write short note on Data types in Python	19-04-2023
6.	B.Com CA IYr-IISem	17-04-2023	Assignment-II 1. Basic structure of C Program 2. Input and output functions in C	19-04-2023


Incharge
Dept. of Computer Science
Kakatiya Government College
Hanamkonda, Warangal.

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DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

Details of Assignments for the Year 2022 -2023

Lecturer Name: D. RAJKUMAR

S. No.	Group –Year & Sem	Date	Assignment Details
1	BSC(MStCs) – IIYR – III Sem	05-11-2022 29-11-2022	Assignment 1. Queues 2. Linked List 3. Trees
2	BSC(MCCs) – IIYR – III Sem	05-11-2022 29-11-2022	Assignment 1. Stacks 2. Circular Queues 3. AVL Trees
3	BSC(BZCs) – IYR – I Sem	24-12-2022	Assignment 1. Operators 2.
4	BSC(BZCs) – IIYR – IV Sem	24-03-2023 18-04-2023 26-04-2023	Assignment 1. DBMS Architecture 2. ER Model 3. Procedures
5	BSC(MStCs) – IIYR – IV Sem	25-03-2023 18-04-2023 25-04-2023	Assignment 1. Keys 2. ER Diagrams 3. Relational Set Operators
6	BSC(MPCs) – IIYR – IV Sem	25-03-2023 19-04-2023 25-04-2023	Assignment 1. Relational Set Operators 2. Normal Forms 3. Joins
7	BSC(BZCs) – IYR – II Sem	29-03-2023 18-04-2023 25-04-2023	Assignment 1. Data Types 2. Iterative Statements 3. Constructor, Destructor, Constructor Overloading

RESOLUTIONS

Date: 02-11-2022

The staff meeting is held on today in the presence of Department Incharge to discuss the following agenda.

1. Review of previous meeting agenda.
2. To conduct student seminars and Quiz programs.
3. To conduct Assignment I for I semester students.

Signature of Lecturers

1. V. Ramesh
2. T. Rajotham Riddy
3. D. Rajkumar
4. B. Braavang

Incharge
Dept of Computer Science
Kakatiya Government College
Hanamkonda, Warangal

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DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

I, III & V SEMESTER

Details of Assignments for the Year 2022 -2023

Lecturer Name: T Ragotham Reddy

S.No.	Group – Year & Sem	Date	Assignment Details	Submitted Date	Remarks
1.	B.SC(MPC S)-II YR III SEM	02-11-2022	1. What is Data Structure? Explain types of Data structures 2. What is Stack? Explain Stack operations	05-11-2022	
2.	B.SC(MPC S)-II YR III SEM	14-11-2022	1. What is Queue? Explain operations on Queue 2. What is Linked list? Explain types of Linked lists	16-11-2022	
3.	B.SC(MPC S)-II YR III SEM	04-12-2022	1. What is BST? Explain BST traversal techniques	12-12-2022	
4.	B.SC(MPC S)-II YR III SEM	21-12-2022	1. Explain BFS and DFS with Examples	27-12-2022	

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DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

I, III & V SEMESTER

Details of Assignments for the Year 2022 -2023

Lecturer Name: T Ragotham Reddy

S.No.	Group – Year & Sem	Date	Assignment Details	Submitted Date	Remarks
1.	B.SC(BZCS)- II SEM	02-11-2022	1.What is Data Structure? Explain types of Data structures 2.What is Stack? Explain Stack operations	05-11-2022	
2.	B.SC(BZCS)- II SEM	14-11-2022	1.What is Queue? Explain operations on Queue 2.What is Linked list? Explain types of Linked lists	16-11-2022	
3.	B.SC(BZCS)- II SEM	04-12-2022	1.What is BST? Explain BST traversal techniques	12-12-2022	
4.	B.SC(BZCS)- II SEM	21-12-2022	1.Explain BFS and DFS with Examples	27-12-2022	



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DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

Details of Assignments for the academic year 2022-2023

Lecturer Name: K.Ramesh

S.No.	Group - Year &Sem	Date	Assignment Details	Submitted date	Remarks
1	B.Com (CA) III Yr. I sem	03-11-2022	Explain in detail about E-Commerce Applications?	07-11-2022	
2	B.Com (CA) III Yr. I sem	10-11-2022	What is Firewall? Explain its types and functions?	16-11-2022	
3	B.Com (CA) II Yr. I sem	15-11-2022	Explain the three schema architecture?	17-11-2022	
4	B.Com (CA) II Yr. I sem	22-11-2022	What is normal form? Explain 1NF, 2NF and 3NF?	25-11-2022	

CYBER SECURITY

Assignment - 2

Name: G. Thiru Pathi
class: - B.Com (C.A) VIth Sem.
Section: - "B"

Hall ticket no: - 006212128

1. What is an Intrusion Detection System (IDS)? Explain capabilities, benefits and challenges of IDS.

Ans: An Intrusion Detection (IDS) is a device or software application that monitors network or system activities for malicious activities or policy violations and produces that reports to a management station.

Intrusion detection provides the following.

- ⇒ monitoring and analysis of users and system activity
- ⇒ Auditing of system configurations and vulnerability.
- ⇒ Assessing the integrity of critical system and data file.
- ⇒ Abnormal activity analysis.
- ⇒ operating system audit.

Benefits of intrusion detection systems.

- ⇒ - Intrusion detection systems offer organizations several benefits, starting with the ability to identify incident. IDS can be used to help analyse the quantity and types of attacks.

Assignment - 2

Name :- A. Ranjith

Cyber security

HTNO :- 006212009

Sec :- B.com CA "A" 3rd year

1. What is an intrusion Detection system (IDS)? Explain capabilities, benefits and challenges of IDS?

An intrusion Detection system (IDS) is a device or software application that monitors network or system activities for malicious traffic by taking action such as blocking the user or source IP address from accessing the network. An intrusion Prevention system (IPS) is a type of IDS that can prevent or stop unwanted traffic. The IPS usually logs such events and related information.

Intrusion detection provide the following

Benefits of intrusion detection system.

* intrusion detection system offer organizations several benefits.

Starting with the ability to identify security incidents, IDS can

be used to help analyze the quantity and types of attacks

organizations can use this information to change their security

system or implement controls that are more effective.

* An intrusion detection system can also help companies identify

bugs or problems with their networks device configuration

these metrics can then be used to assess future risks.

Name : DAMERA KIRAN

COURSE : B.COM(CA) A-SECTION

II - Assignment.

SUB : Cyber security

Hall.No: 006212075

What are different types of firewalls? Explain a firewall is a network security system that monitors and controls incoming and outgoing network traffic based on predetermined security rules.

There are mainly 3 types of firewalls, such as software firewalls, hardware firewalls, or both, depending on their structure. Besides, there are many other types of firewalls depending on their features and the level of security they provide. These are some firewalls.

- Packet-filtering firewall
- Circuit-level gateways.
- Application level gateways
- Threat-focused NGFW
- Stateful inspection firewall

1. Packet-filtering firewall

A packet filtering firewall is a network security technique that regulates data flow to and from a network. It is a security mechanism that allows packets to move across networks while controlling their flow through the use of a set of rules, protocols, IP addresses, and ports.

2. Circuit-level gateway.

A circuit level gateway is a type of firewall. Circuit-level gateways work at the session layer of

Name: DS. Rakesh.

Class: B.COM (H) III year
Section: (A)

Hall No: 006212086

Sub: Cyber Security.

Q) What is Intrusion Detection System (IDS)? Explain capabilities, benefits and challenges of IDS?

A) → An Intrusion Detection (IDS) is a device or software application that monitors network or system activity for malicious activity or policy violations and procedure that reports to a management station.

Intrusion detection provides the following:

⇒ monitoring and analysis of user and system activity.

⇒ Auditing of system configuration and vulnerabilities

⇒ Assessing the integrity of critical system and data files

⇒ Abnormal activity analysis

⇒ operating system audit.

Benefits of intrusion detection systems.

⇒ Intrusion detection system offer organization several benefits starting with the ability to identify incident. IDS can be used to help analyze quality and types of attacks.

Name:- V. Sahithi

H.T.No:- 22006 I 1035

sub:- Data mining and Data ware house.

Date:- 03-02-2023

① Discuss ~~of~~ k-mean and k-mediod Algorithms.

Algorithms:-

Ans:

k-means standard algorithm:-

The Most common algorithm uses an iterative refinement technique. Due to its ubiquity it is often called the k-means algorithm.

Given an initial set of k means (centroids) $m_1^{(1)}, \dots, m_k^{(1)}$ The algorithm proceeds by alternating between two steps.

Assignment step:-

Assign each observation to the cluster with the closest mean (i.e., partition the closest observations according to the Voronoi diagram generated by the means)

update step:-

calculate the new means to be the centroid of the observations in the cluster.

The algorithm is deemed to have converged when the assignment no longer change.

k-means is a classical partitioning technique of clustering that clusters the data set of n objects into k clusters with k-known, a priori - A useful

(Data Mining Data Warehouse)

1) Discuss Naive Bayesian classification.

The naive Bayesian classifier or simple Bayesian works follows:

1. Let D be training set of tuples and associated class labels. tuple is represented by n -dimensional Attribute vector $x = (x_1, x_2, \dots, x_n)$ tuple from n attributes respectively A_1, A_2, \dots, A_n

2. Suppose that are m classes c_1, c_2, \dots, c_m Give tuples. The naive Bayesian classifier predicts that tuple x belongs to the class c_i if and only if

$$P(c_i/x) > P(c_j/x) \text{ for } 1 \leq j \leq m, j \neq i$$

maximize $P(c_i/x)$. The class c_i for which $P(c_i/x)$ is called max posteriori hypothesis by theorem.

$$P(c_i/x) = \frac{P(x|c_i)P(c_i)}{P(x)}$$

As $P(x)$ is constant for all classes only $P(x|c_i)$

$P(c_i)$ needs to be maximized. The class prior probabilities are commonly assume $P(c_1) = P(c_2) = \dots = P(c_m)$ may be estimated by $P(c_i) = (C_i, D) / |D|$ where (C_i) is the number of training tuples of class c_i .

Given data sets with many attributes it would be many attributes. It would be extremely computationally expensive to compute $P(x|c_i)$.

To reduce computation in evaluating $P(x|c_i)$ the naive assumption of class-conditional independence is.

**Assignments given to Students
Kakatiya Government College
Department of English
Hanamkonda**

**I Year, I Semester (General English)
BA, BCOM, BSC, BZC
(2022-23)**

Sl No	Contents	Months
1	Character of Astrologer	December
2	Bacon's views on Of Studies	December
3	Nouns & Pronouns	January
4	A Poison Tree	January
5	Adjectives	January
6	Verbs & Adverbs	February
7	Phonetic Symbols	February

Dr. E. Satyanarayana
M. Manojkar Samley
K.UmaKiran
Dr.Rajesh

**Assignments given to Students
Kakatiya Government College
Department of English
Hanamkonda**

**I Year, IISemester (General English)
BA, BCOM, BSC, BZC**

(2022-23)

Sl No	Topics	Months
1	With the Photographer	February
2	Prepositions	March
3	Prefixes and Suffixes	March
4	Word Stress	March
5	A Treatise on Good Manners and Good Breeding	April
6	Conjunctions	April
7	Ode on Solitude	April
8	Kinds of Sentences	May

Dr. E. Satyanarayana
M. Manojkar Samley
K.UmaKiran
Dr.G.Rajesh

**Assignments given to Students
Kakatiya Government College
Department of English
Hanamkonda**

**II Year, I Semester (General English)
BA, BCOM, BSC, BZC
2022-23**

Sl No	Contents	Months
1	Achieving Gender Equality in India	September
2	Prepositions	September
3	Wonder Story of Kalpana Saroj	October
4	Phrasal Verbs	October
5	Technical Vocabulary	November
6	Kitchen	December

Dr. E. Satyanarayana
M. Manojkar Samley
K.UmaKiran
Dr.G.Rajesh

**Assignments given to Students
Kakatiya Government College
Department of English
Hanamkonda**

**II Year, II Semester (General English)
BA, BCOM, BSC, BZC
(2022-23)**

Sl No	Contents	Months
1	Jadav Payeng	March
2	A Requiem for Earth	March
3	Climate Change and Global Warming	March
4	Prefixes and Suffixes	April
5	The Tame Bird was in a Cage	April
6	The Felling of Banyan Tree	April

Dr. E. Satyanarayana

M. Manojkar Samley

K.UmaKiran

Dr.G.Rajesh

Assignments given to Students
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Department of English
Hanamkonda

III Year, I Semester (General English)
BA, BCOM, BSC, BZC
(2022-23)

Sl No	Contents	Months
1	Paragraph writing	Nov
2	Where the Mind is without Fear	Dec
3	Proverb Expansion	Jan
4	Prefixes and Suffixes	Feb

Dr. E. Satyanarayana
K.Uma Kiran
M. Manojkar Samley
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III Year, II Semester (General English)
BA, BCOM, BSC, BZC
(2022-23)

Sl No	Contents	Months
1	Accomplishments of Sreelaxmi Suresh	March
2	Email Etiquette	March
3	Poems of Edgar Albert Guest	April
4	Curricula Vitae	April

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