

**DEPARTMENT OF
COMPUTER SCIENCE & APPLICATIONS**

ASSIGNMENTS



Pingle Govt. College for Women (A), Waddepally
AUTONOMOUS
HANUMAKONDA -506370, TELANGANA

ASSIGNMENTS

Assignment writing enhances your knowledge about the subject, and your writing skills develop with each assignment. One more important point is that assignment writing prepares you for the exam. As much as the exams trouble the student, the writing of assignments helps you in getting good marks. Moreover, the analytical abilities of the student are developed. You can come up with innovative ideas when you write your assignment. The more and more the student is motivated to write (here assignments), the more he/she will be specialized in the particular field.

One more important benefit of assignment writing is time management. Being a time-related factor, assignment writing will drive you to complete the given task within the deadline. So obviously you will come up with some goals to achieve this deadline. You can see the link between assignment writing and time management here.

When it comes to teaching student assignment are very important, the student thinks that assignments are useless, and it has no impact in their studies, but the fact is these assignments help the student to study their self and clear their concept regarding any topic.

But being a student they think that, it is not our responsibility to learn from ourselves, this is a responsibility of a teacher. But providing every single thing related to study is just like killing with kindness, and furthermore, it ruins their learning capabilities and destroys the purpose of learning.

As we all knew that school and colleges are places where teacher are there to help the student and developing the concept related to diverse subjects, and the teacher gave the homework for their own learning.

Such homework and assignment that is assigned by the teacher, but for a student, it is considered as massive unhappiness as they think to study in the school, college and university timings are enough for them. But in reality, this homework and assignment are designed to increase their knowledge and create a habit of self-learning which really works in their futures.

Here the fact is the more we utilize our brain, the more we develop. But as a student, they don't understand. This is a proven scientific theory and this is the belief behind giving tremendously creative and involving assignments to the students. Students learn more when they practice something or read stuff. And due to this at the beginning of their student life teachers want the students to read book, stories, novel to develop the reading habit.

Similarly, the purpose of giving the assignment to the student is to provide practical exposure and increase their skills on the subject. Subjects like mathematics, programming, science, physics, and chemistry required keen learning and constant practice over subject to get the good grade and knowledge. Many experienced people said, the more you practice the more you get.

Assignments help in the practice as well; it's like doing the tryouts to discover new outcomes. This practice also helps the students to prepare for exams and similar unseen problems that might come handy.

So, it is not restricted to assignments; the students are required to write a good assignment. But what is the importance of writing a good assignment? Academicians and professors quote a variety of reasons for Importance of Educational Assignment, here are the few following.

Helps Improves The Knowledge Of A Particular Subject:

Every one of the understudies is given an assignment on which they have to set up an all-around made report. Each task is a testing assignment where the understudies research the subject inside and out. To set up a solid assignment, so in this way assignment help out in improving the knowledge of the particular subject.

Helps To Develop Presentation Skills:

The significance of assignment for student describes here. This exact information about the correct introduction of any archive will help them in their future professional life. It likewise comprehends the prerequisites and desires of the teacher from their own assessments about the assignments. So it also helps the student to develop Presentation Skills.

Improve Time Management Skills:

Likewise other coursework, these assignments also contain a deadline, sometimes it can be a week and sometimes it can be short a few hours. The students are required to strictly obey these timeframes within which they need to submit the task. so it is important for the student to be punctual, and provide the desired task on time. So such task and assignment also help the student to manage their activity and also develop the time management skill in the student.

These are the few reasons for the importance of educational assignment, but there are more advantages of having assignment writing throughout education.

So the favorable circumstances are unending and the potential outcomes are numerous, in the event that one truly considers it. Yet, the issue is that students don't care for assignments. They need to make the most of their lives without bounds, which, in the event that they consider, they can do it, all alone on the off chance that they deal with their chance. Some students want to **help with assignment** they want someone to compose an article or do their assignments to have a lot of relaxation time for themselves.

A few students have objectives throughout everyday life while others simply need the degree. For the two kinds, doing the assignments is similarly critical on the grounds that it will help in the reasonable examination like propositions or research papers and in addition to hypothetical examinations. Those with high objectives are prepared by the assignments to buckle down and concentrate on the things that matter the most. However, doing the assignments yourself will clean you and will set you up for the genuine after school, college and university. Furthermore, those who consider it important accomplish incredible success. Slow and medium learners are given assignments frequently to improve their knowledge and marks are invariably maintained by a Register.

ASSIGNMENTS 2021-2022

SNO	SUBJECT	NO.OF ASSIGNMENTS
	BSC(CS)	
1	Programming in C	10
2	Programming with C++	08
3	JAVA	08
4	DBMS	10
5	Web Technologies	10
6	Data Structures Using C++	07
	DATA SCIENCE	
1	Programming with C	04
2	Problem solving with python programming	04
3	Data Engineering with Python	04
4	Machine Learning	04
5	Natural Language Processing	04
6	Data Structures and Algorithms	04
7	Big Data	04
	BCOM(CA)	
1	Fundamentals of Information Technology	10
2	Programming with C and C++	10
3	Relational Database Management System	10
4	Web Technologies	10
5	Management Information System	10
6	Multimedia Systems	10
	BSC(Life Sciences)	
1	Programming in C	10
2	Programming in C++	10
3	DBMS	10
4	Data Structures Using C++	10
5	Web Technologies	08
6	JAVA	08

LIST OF ASSIGNMENTS

CLASS	SEM	TOPIC	NO.OF STUDENTS SUBMITTED
MSTDS	I	1. Generations of Computers. 2. Storage Devices. 3. Datatypes in C Language	35
MPCS & MSTCS & BZCS	I	1.Types of Computers 2. Input & Output devices 3.Types of Programming Languages 4.Control structures	101
B.Com(CA) A&B	I	1. Generations of Computers. 2. Storage Devices. 3. Types of Software. 4.Types of Operating System	153
MSTDS	II	1. Introduction to Python. 2. Lists & Tuples & Dictionaries. 3. Control Statements.	35
MPCS & MSTCS & BZCS	II	1. OOPS Concepts. 2. Types of Constructors. 3. Types of Inheritance.	101
B.Com(CA) A&B	II	1. Data types. 2. Control structures. 3. Arrays. 4. Structures & Pointers.	153
MSTDS	III	1. Machine Learning vs Traditional program. 2. Files and Working with Text Data. 3. Working with Tabular Numeric Data (Numpy with Python)	35
MPCS & MSTCS & BZCS	III	1. Applications & operations of Stack & Queues. 2. Types of Linked Lists & Trees.	101
B.Com(CA) A&B	III	1. E-R Model. 2. Normalization. 3. SQL Commands & Transaction controls.	153
MSTDS	IV	1. Geometry and Nearest Neighbors. 2. Perceptron models. 3. Probabilistic Modelling & Neural Networks	35

MPCS & MSTCS & BZCS	IV	1. Database management System concepts. 2. ER models. 3. Normalization. 4. SQL Commands & Transaction controls.	101
B.Com(CA) A&B	IV	1. HTML Tags. 2. Lists and Tables. 3. Java Script 4. PHP & XML Concepts.	153
MSTDS	V	1. Accessing Text Corpora and Lexical Resources. 2. Categorizing and Tagging Words. 3. Deep Learning for NLP. 4. Naive Bayes Classifiers	35
MPCS & MSTCS & BZCS & MCCS	V	1. Java Features 2. Constructors in Java. 3. Inheritance & Applet Cycle. 4. JDK & Thread life cycle	101
B.Com(CA) A&B	V	1. Evaluation of MIS through Information System 2. Development of MIS 3. Advanced MIS	153
MSTDS	VI	1. Types of Data, Elements of Big Data. 2. Introducing HBase 3. Data Sources Layer, Ingestion Layer, Storage Layer. 4. Types of NoSQL Data Models.	35
MPCS & MSTCS & BZCS	VI	1. HTML Tags. 2. Lists and Tables. 3. Java Script 4. DOM & XML Concepts.	101
B.Com(CA) A&B	VI	1. Properties of multimedia systems 2. Digital Image 3. Optical storage devices and Standards.	153

ASSIGNMENTS 2022-23

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	BSC(CS)	
1	Programming in C	08
2	Programming with C++	08
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4	DBMS	08
5	Web Technologies	08
6	Data Structures Using C++	07
	DATA SCIENCE	
1	Programming with C	04
2	Problem solving with python programming	04
3	Data Engineering with Python	04
4	Machine Learning	04
5	Natural Language Processing	04
6	Data Structures and Algorithms	04
7	Big Data	04
	BCOM(CA)	
1	Fundamentals of Information Technology	08
2	Programming with C and C++	08
3	Relational Database Management System	10
4	Web Technologies	08
5	Management Information System	08
6	Multimedia Systems	09
	BSC(Life Sciences)	
1	Programming in C	10
2	Programming in C++	10
3	DBMS	10
4	Data Structures Using C++	
5	Web Technologies	08
6	JAVA	08

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CLASS	SEM	TOPIC	NO.OF STUDENTS SUBMITTED
MSTDS	I	1. Types of Computers. 2. Storage Devices. 3. Datatypes in C Language	35
MPCS & MSTCS & BZCS	I	1. Generations of Computers 2. Types of Software. 3. Passing parameters 4. Types of Arrays	101
B.Com(CA)	I	1. Classification Of Computers. 2. Storage Devices. 3. Type of Software. 4. Types of Networks & Topologies.	153
MSTDS	II	1. Introduction to Python. 2. Built-In Functions. 3. Object-Oriented Programming. 4. Files and exception	35
MPCS & MSTCS & BZCS	II	1. OOPS Concepts. 2. Input /Output Streams. 3. Templates.	101
B.Com(CA)	II	1. Operators in C. 2. Control structures. 3. Strings. 4. OOPS features.	153
MSTDS	III	1. Working with Text Data. 2. Regular Expression Operations. 3. Using a MySQL Database. 4. Taming Pandas File I/O	35
MPCS & MSTCS & BZCS	III	1. Applications & operations of Stack. 2. Types of Trees. 3. Spanning Tree. 4. Implementation of Heap	101
B.Com(CA)	III	1. Relational and ER Models. 2. Normalization. 3. SQL Commands. 4. Transactions & Deadlock.	153
MSTDS	IV	1. Data Generating Distributions. 2. Perceptron Convergence and Linear Separability. 3. Classification by Density Estimation. 4. Agglomerative Algorithms	35

MPCS & MSTCS & BZCS	IV	1. Relational Operations. 2. Normalization. 3. SQL Commands & Transaction controls. 4. Transaction.	101
B.Com(CA)	IV	1. HTML Tags. 2. Java Script. 3. PHP. 4. XML & JSP Concepts.	153
MSTDS	V	1. Computing with Language. 2. Conditional Frequency Distributions. 3. Regular Expressions for Detecting Word Patterns. 4. Convolutional Neural Networks	35
MPCS & MSTCS & BZCS	V	1. Structure of Java program 2. Method overloading. 3. Applet Cycle. 4. AWT	101
MSTDS	V	1. Evaluation of MIS through Information System. 2. Organization of Business in an E. 3. Collaboration processes and information systems.	153
MSTDS	VI	1. Cloud Computing and Big Data. 2. Hadoop functions. 3. Hardware/Network Topology. 4. RDBMS and Big Data	35
B.Com(CA)	VI	1. HTML Tags. 2. Lists and Tables. 3. Java Script 4. DOM & XML Concepts.	101
B.Com(CA)	VI	1. Digital representation of audio 2. Animations. 3. Synchronization.	153