JNAN VIKAS MANDAL'S
AmratlalRaichand Mehta Degree College of Arts
DiwaliMaa Degree College of Science
MohanlalRaichand Mehta College of Commerce
Padmashree(Dr.) R.T. Doshi Degree College of Computer Science
Plot no.9, Sector -19, AiroliNavi Mumbai

Date: 02/12/2023

NOTICE (Student)

All Students are hereby informed that the departmental is arranging a certificate course from Dec 06, 2023 to Dec 12, 2023.

Mrs. Janhavi Kshirsagar

Co-ordinator CS-IT DEPT

Dr. B.R. Deshpande

I/c Principal

I/c. PRINCIPAL
JNAN VIKAS MANDAL'S
M.R. MEHTA COLLEGE OF COMMERCE
D.M. MEHTA COLLEGE OF SCIENCE
A.R. MEHTA COLLEGE OF ARTS
Dr. R.T. DOSHI COLLEGE OF COMPUTER SCIENCE
Plot No.9, SEC.-19, AIROLI,
NAVI MUMBAI-400 708.

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Padmashree(Dr.) R.T. Doshi Degree College of Computer Science
Plot no.9, Sector -19, AiroliNavi Mumbai

Date: 02/12/2023

NOTICE

All departmental members are hereby informed that the departmental meeting is arranged on Dec 06, 2023 at 1:30 p.m. in CS lab.

Agenda

1. Conduction of Certificate Course of SYCS and TYCS students
2. Exam Conduction of Certificate Course

Asst. Prof. Janhavi Kshirsagar

Coordinator CS-IT DEPT

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Plot no.9, Sector -19, AiroliNavi Mumbai

Date: 02/12/2023

Minutes of Meeting

December 06, 2023

The departmental meeting was held on Dec 02,2023 at 01:30 p.m. in CS Lab.

Following matters were discussed and finalized as per agenda.

- **Conduction of Certificate course of SYCS students**

It was decided that the Certificate Course should be conducted from Dec 06, 2023 to Dec 12, 2023. Total 5 modules are included in the Certificate Course. And it was decided that it should be 30 hours separately for each class.

Syllabus compilation and preparation of time table for certificate course for SYCS was assigned to Dr. Sanjivani Nalkar for CS department.

- **Exam conduction of certificate course**

After completion of lectures of certificate course on Tuesday 12th Dec, 2023 exam will be conducted for students in online mode.

Class teacher completed work related to certificate course like preparation of flyer, syllabus, timetable, feedback form, exam conduction, certificate design and distribution to SYCS students.

Exam will be conducted on Google form at 5:30 pm on 12th Dec, 2023.

And finally the marksheet will be shared to the certificate committee for distribution of certificates.

Adjournment: Meeting was adjourned at 2:30 pm.

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Date: 06/12/2023

Following members were present: **Signature**

Dr. B.R. Deshpande- I/c Principal

Asst.Prof Janhavi Kshirsagar - CS/IT Coordinator

Asst. Prof Sarita Sarang

Dr. Sanjivani Nalkar

Ms. Shakuntala Kulkarni

Mrs. Vinaya Mangnale

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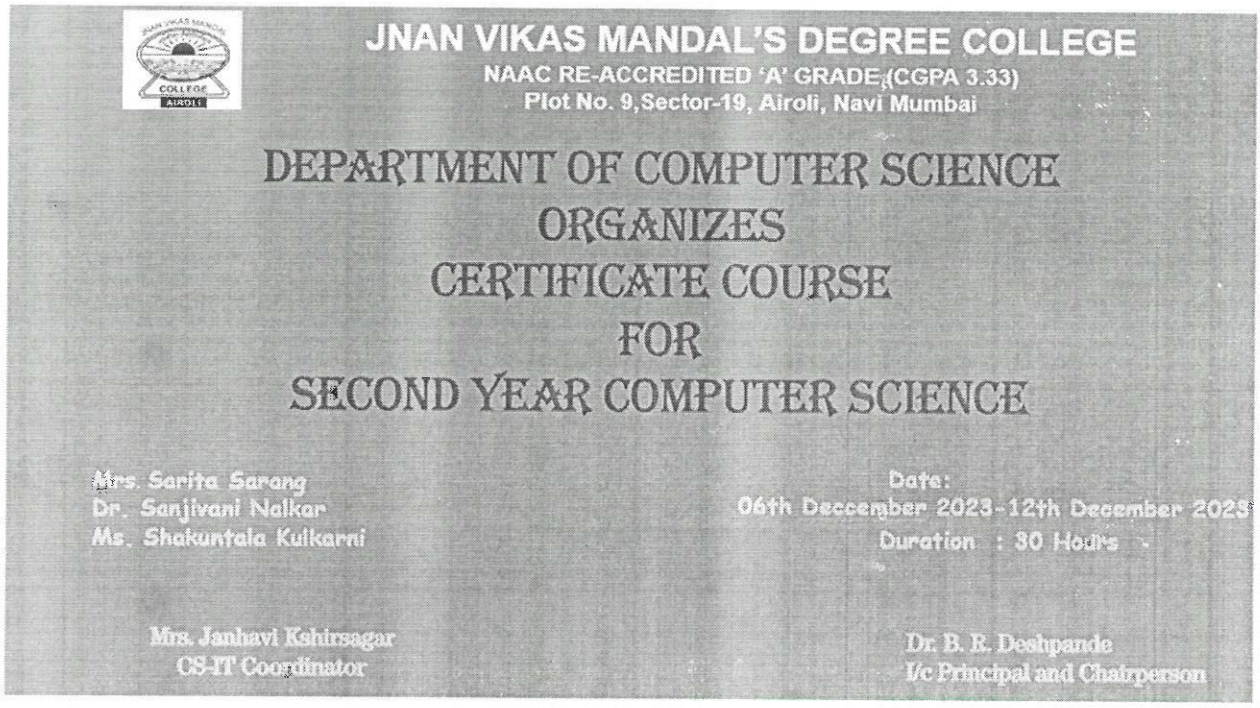
Flyer :



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Certificate Course for SYBsc(CS)

Duration: - 30 hours

OBJECTIVES: -

The data warehousing part of module aims

- to give students a good overview of the ideas and techniques which are behind recent development in the data warehousing and online analytical processing (OLAP) fields, inter ms of data models, query language, conceptual design methodologies and storage techniques.
- Data mining part of the model aims to motivate, define and characterize data mining &S process; to motivate, define and characterize data mining applications.

OUTCOME: -

Students will be able to

1) Equipped with the knowledge and confidence needed Current in Organization.
2) Understand how to build better relationships with customers and within the organization.
3) Understand the essence of knowledge gained beyond the curriculum.

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Module	Contents	Number of hours
I	**Module :** Overview and Concepts: Need for data warehousing, The building blocks of a Data warehouse. Architecture an Infrastructure : Data Warehouse Architecture, Infrastructure and Metadata Management.	4 hours
	Assignment, Test and Group Discussion	1 hour
II	**Module:** Principles Of Dimension Modeling : Introduction to Dimensional Modeling, Advanced Concepts Extract Transform Load Cycle : ETL overview, Extraction, Loading, Transformation techniques.	4 hours
	Assignment, Test and Group Discussion	1 hour

III	**Module:** Information Access and Delivery Matching information to classes of users, OLAP – the need, Design of the OLAP database, OLAP operations: slice, dice, rollup, drill-down etc. OLAP implementations	4 hours
	Assignment, Test and Group Discussion	1 hour
IV	**Module:** Implementation And Maintenance: Physical design process, Aggregates and Indexing. Data Warehouse Deployment	4 hours
	Assignment, Test and Group Discussion	1 hour
V	**Module:** The building blocks of a Data warehouse. Advanced Concepts Extract Transform Load Cycle, OLAP – the need, Design cf the OLAP database, Physical design process,	
	Assignment, Test and Group Discussion	1 hour

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Time Table :

MohanlalRaichand Mehta College of Commerce
DiwaliMaa Degree College of Science
AmritlalRaichand Mehta Degree College of Arts
Padmashree(Dr.) R.T. Doshi Degree College of Computer Science
Plot no.9, Sector -19, Airoli Navi Mumbai
Permanently Unaided, Affiliated to Mumbai University
NAAC Re-accredited CGPA "A+" Grade (3rd cycle)

SYCS Certificate Course Sem-IV Time Dec2023

Date	6/12/2023	7/12/2023	8/12/2023	9/12/2023	11/12/2023	12/12/2023
7:50-8:40	Module 5	Module 2	Module 4	Module 3	Module 1	Module 4
8:40-9:30	Module 3	Module 4	Module 5	Module 1	Module 4	Module 3
9:30-9:50	BREAK					
9:30-9:50	Module 2	Module 5	Module 3	Module 2	Module 5	Module 2
9:50-10:40	Module 4	Module 1	Module 1	Module 5	Module 2	Module 1
10:40-11:30	Module 1	Module 3	Module 2	Module 4	Module 3	Module 5

Module 1: Mrs. Janhavi K
Module 2: Mrs. Sarita S
Module 3: Dr. Sanjivani N
Module 4: Ms. Shakuntala K
Module 5: Mrs. Vinaya

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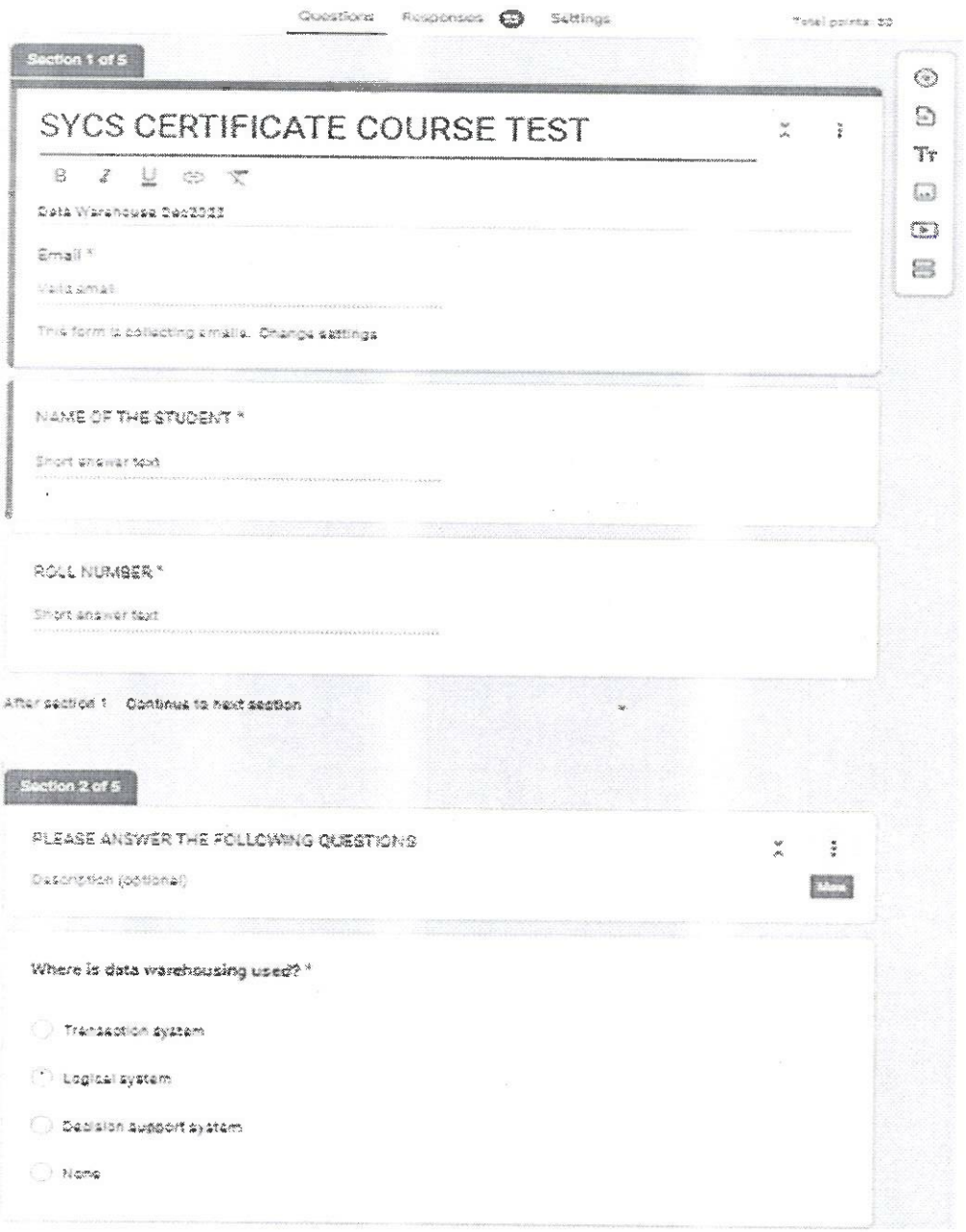
Exam Paper :


Questions
Responses
Settings
Total points: 30
Section 1 of 5
SYCS CERTIFICATE COURSE TEST
Data Warehouse Dec2022
Email *
Valid email
This form is collecting emails. Change settings
NAME OF THE STUDENT *
Short answer text
ROLL NUMBER *
Short answer text
After section 1 Continue to next section
Section 2 of 5
PLEASE ANSWER THE FOLLOWING QUESTIONS
Description (optional)
Where is data warehousing used? *
Transaction system
Logical system
Decision support system
None

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A source program is usually in _____ * 2 points

- Assembly language
- Machine level language
- High-level language
- Natural language

The ALU makes use of _____ to store the intermediate results. * 2 points

- Accumulators
- Registers
- Heap
- Stack

The NOR gate output will be high if the two inputs are _____ * 2 points

- 00
- 01
- 10
- 11

Which input values will cause an AND logic gate to produce a HIGH output? * 2 points

- At least one input is HIGH
- At least one input is LOW
- All inputs are HIGH
- All inputs are LOW

If the decimal number is a fraction then its binary equivalent is obtained by _____ the number continuously by 2. * 2 points

- Dividing
- Multiplying
- Adding
- Subtracting

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Which one is not the keyboard of C language? * 2 points

- static
- void
- int
- data

C Program is converted into machine Language with the help of * 2 points

- Compiler
- Operating System
- Editor
- Interpreter

Process of inserting an element in stack is called _____ * 2 points

- Create
- Evaluation
- Push
- Pop

In linked list each node contains a minimum of two fields. One field is data field to store the data second field is? * 2 points

- Pointer to node
- Pointer to character
- Pointer to integer
- Node

Format specifier for double data type is * 2 points

- %f
- %lf
- %d
- %a

Which of these in not a core data type? * 2 points

- Class
- Lists
- Dictionary
- Tuples

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To add packages or module in the program _____ statement is used. * 2 points

- Use
- Add
- import
- AddModule

By default division operator(/) returns the result in _____ format. * 2 points

- integer
- int
- Boolean
- Floating point

The users must agree to the_____ terms and agreements when they use open-source software. * 2 points

- System
- License
- Community
- Programmer

FOSS stands for _____. * 2 points

- Free Open System Service
- Free Open Source Software
- Free Open Service Software
- Free Synchronized Software

What command is used to remove files? * 2 points

- dm
- rm
- delete
- erase

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UNIX operating system . It is possible to run commands that are not located in a directory listed in the PATH if you know the full path and command name. * 2 points

- ◯ can run on PC's and larger system
- ◯ is multitasking
- ◯ is multiuser
- ◯ all of these

Which of the following is not an operating system? * 2 points

- ◯ UNIX
- ◯ MS-DOS
- ◯ CP/M
- ◯ PASCAL

Which directory contains the system kernel? * 2 points

- ◯ /etc
- ◯ /
- ◯ /boot
- ◯ /proc

Which utility provides contact and name server information about the specified domain? * 2 points

- ◯ nameserver
- ◯ whois
- ◯ finger
- ◯ host

In an E-R diagram an entity set is represent by a * 2 points

- ◯ rectangle
- ◯ diamond box
- ◯ ellipse.
- ◯ circle.

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Data independence means _____ * 2 points

- data is defined separately and not included in programs.
- programs are not dependent on the physical attributes of data.
- programs are not dependent on the logical attributes of data.
- both (B) and (C).

Key to represent relationship between tables is called * 2 points

- Primary key
- Secondary key
- Foreign Key
- None of the Above

What is a relationship called when it is maintained between two entities? * 2 points

- Unary
- Binary
- Ternary
- Quaternary

The full form of DDL is * 2 points

- Dynamic Data Language
- Data Derivation Language
- Data Definition Language
- Detailed Data Language

Submit Clear form

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List of Participants for Certificate Course (2023-24)

ROLL NUMBER	NAME OF THE STUDENT	Score
1701	Priyanka Gurnani	36
1702	Sofiya ansari	46
1703	Jaiwin Antson Franklin	42
1704	Virendra ramratan bandore	40
1705	Mamta belurkar	46
1706	Raj Ramesh Bengade	14
1707	Priti	30
1708	Shreya Sanjay Bodke	42
1709	Ayush Dhananjay Borade	12
1710	Anjali boudh	46
1711	Rahul charate	44
1712	Vanshika Chaudhary	44
1714	Kanchan Choudhary	34
1715	omeshwariben Sanjay desai	42
1716	Pranali bibhishan Deshmukh	40
1717	Sneha Sujit Deshmukh	44
1718	Aarti Guruprasad Gupta	40
1720	Prathamesh Gurav	44
1721	Tushar Rajaram jadhav	44
1723	Aryan Kadam	44

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1724	Sneha Suresh Kamble	48
1725	Swapnil Santosh Khunte	44
1726	Vaishnavi Magadum	34
1727	Sujal M	26
1729	Mane Swapnil laxman	46
1730	Rakesh Kumar gajaram meghwal	44
1731	Arya mhatre	42
1732	HARISH MUDRAS	16
1733	Sameeruddin khan	42
1734	Devraj ramraj nishad	44
1735	Archita Pandey	48
1736	Pushkar Pandey	38
1737	Omkar Ramesh Patil.	38
1738	Azhar qureshi	40
1739	Aditya rai	40
1740	Anamika Rajesh Rajak	40
1741	Ajit Rajbhar	40
1742	Avani Rambhia	44
1743	Harhsad rawal	38
1745	Purav Ranjan Salla	42
1746	Siddhi	36
1748	Sneha Shinde	46
1750	Jatin singh	38
1751	Rahul sonawane	38
1752	Vaishnavi Tiwari	46
1753	Vinayak Vishwakarma	40
1754	Vinita Santosh Kumar Vishwakarma	36
1756	Anand Udayraj Yadav	38
1757	Chandrasen Melaram Yadav	44

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1758	Dolly jaiprakash yadav	44
1759	Kshamata yadav	46
1761	Pranali Anil Yadav	46
1762	Santosh yadav	44
1764	Soni Yadav	46
1765	Surekha yadav	46

Feedback Form :

Questions Responses 40 Settings

SYCS Sem IV Certificate Course Feedback Form

B I U

Form description

Email *

Valid email

This form is collecting emails. Change settings

Name of the Student *

Short answer text

Roll Number *

Short answer text

Were the objectives of the course clear to you? *

- Very Clear
- Moderately Clear
- Not at all Clear

The lectures were clear & easy to understand. *

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

The course was organized in a manner that helped you understand the underlying concepts. *

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

How useful to you was this course? *

- Very Useful
- Moderately useful
- Not at all useful

How much did you learn from this course? *

- A great deal
- A lot
- A moderate amount
- A little
- Nothing

Overall, how would you describe the quality of the instruction in this course? *

- Excellent
- Very good
- Good
- Fair
- Poor

What skills or knowledge did you learn or improve? *

Long answer text

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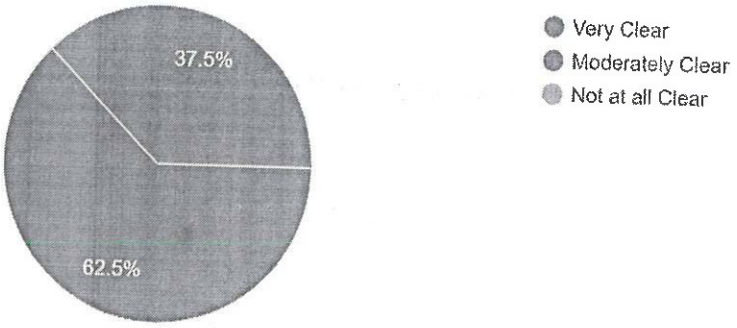
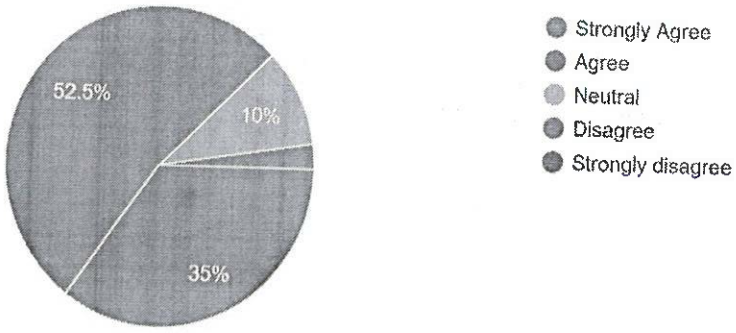
Feedback Analysis :

Certificate course Feedback Analysis SYCS Sem-III June 2022-23

Were the objectives of the course clear to you?
40 responses



The lectures were clear & easy to understand.
40 responses



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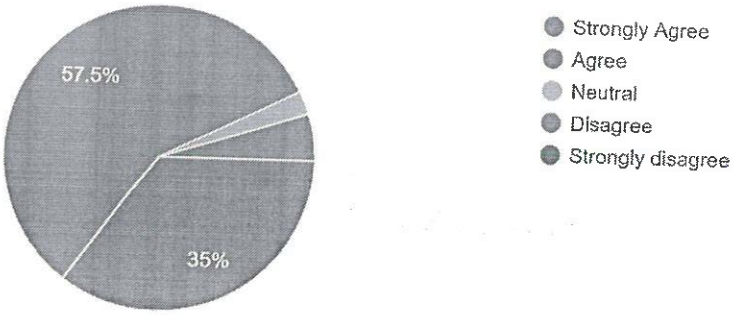
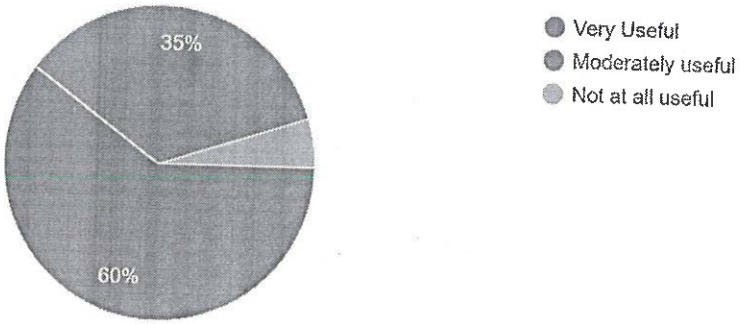
The course was organized in a manner that helped you understand the underlying concepts.

40 responses



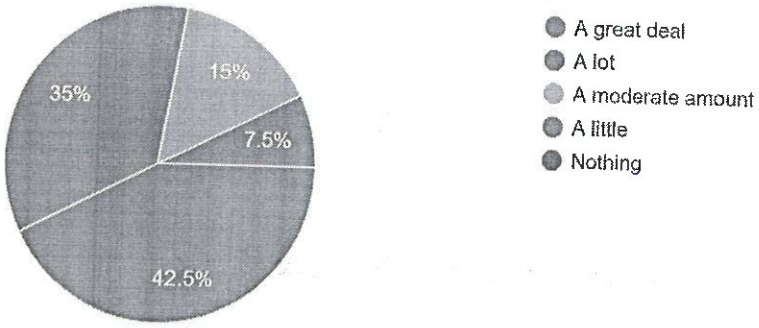
How useful to you was this course?

40 responses



How much did you learn from this course?

40 responses



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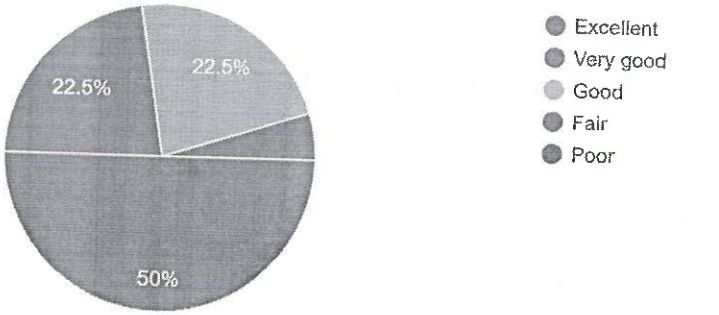
Overall, how would you describe the quality of the instruction in this course?

40 responses



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Certificate :

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Certificate

This certificate is awarded to

<<NAME>>

of SYCS who has successfully completed Certificate Course organized by Department of Computer Science of JVM's Degree College from 06th December 2023 to 12th December 2023.

Asst. Prof. Janhavi Kshirsagar
CS-IT Coordinator

Dr. B. R. Deshpande
I/c Principal

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Report on Certificate Course

The certificate course was conducted for Second Year computer science students from 06/12/2023 to 12/12/2023. The duration of the course was 30 hours. Total subjects were included in the course. The course was conducted by Computer Science department faculty members.

Mrs. Janhavi Kshirsagar	Module I
Dr. (Mrs.) Sanjivani Nalkar	Module II
Mrs. Sarita Sarang	Module III
Ms. Shakuntala Kulkarni	Module IV
Mrs. Vinaya Mangnale	Module V

The course benefitted 40 students.

The intention of this course was to conduct certificate course for SYCS students. The course contents were designed to give enough knowledge of the subject as well as its application in the industry. The course also aimed at laying a strong foundation for the students.

A test was conducted for all the students using Google Form. All subject teachers shared 5 questions of their respective subjects. Due to network issues some students had not submitted paper, so retest was conducted the following day. A student has to secure a minimum 40% in the test to qualify for the certificate.

Successful students were awarded certificates for the certificate course.

Mrs. Janhavi Kshirsagar
Co-ordinator CS-IT DEPT

Dr. B.R. Deshpande
I/c Principal
I/c. PRINCIPAL
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