JNAN VIKAS MANDAL'S
Mohanlal Raichand Mehta College of Commerce
Diwali Maa College of Science
Amritlal Raichand Mehta College of Arts
Dr. R.T. Doshi College of Computer Science
NAAC Re-Accredited Grade 'A+' (CGPA : 3.31) (3rd Cycle)

NOTICE

All departmental members are hereby informed that the department meeting is arranged on 4th December, 2023 at 11:30 a.m. in the Computer Science Laboratory.

Agenda

1. Conduction of Certification course of FYIT students

Asst. Prof. Archana Sanap
Incharge- IT DEPT

JVM'S MEHTA DEGREE COLLEGE AIROLI NAVI MUMBAI

Asst. Prof. Janhavi Kshirsagar
Coordinator CS-IT DEPT

JNAN VIKAS MANDAL'S

Mohanlal Raichand Mehta College of Commerce
Diwali Maa Degree College of Science
Amritlal Raichand Mehta Degree College of Arts
Padmashree (Dr.) R.T. Doshi Degree College of Computer Science
Plot No.9, Sector -19, Airoli, Navi Mumbai
NAAC Re-Accredited CGPA-3.33 'A'-Grade

Minutes of Meeting

The departmental meeting was held on 4th December, 2023 at 11:30 a.m. in the Computer Science Laboratory.

Following matters were discussed and finalized as per agenda.

- **Conduction of Certification course of FYIT students**

It was decided that the certification course should be conducted from 6th December, 2023 to 12th December, 2023.For FYIT Artificial Intelligence subject is decided. And it was decided that it should be 30 hrs.

- **Subject Distribution**

It was decided that Module-1 will be taken by Mrs. Bhagyashree Kulkarni, Module-2 will be taken by Mrs. Rajshree Pisal, Module-3 will be taken by Mrs. Sharayu Kadam and Module-4 will be taken by Mrs. Archana Sanap. All the teachers were asked to design the syllabus for 06 hours each share by 5th December, 2023.

- **Work Distribution**

Subjects are distributed among following teachers

Asst.Prof.Bhagyashree Kulkarni - Module-1

Asst.Prof.Rajshree Pisal- Module-2

Mrs. Sharayu Kadam- Module-3

Mrs. Archana Sanap - Module-4

Adjournment

Meeting was adjourned at 1:00 pm.

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Following members were present: **Signature**

Asst. Prof. Janhavi Kshirsagar

Dr. Sunitha Joshi

Asst. Prof. Archana Sanap

Asst. Prof Sharayu Kadam.

Asst. Prof Rajshree Pisal.

Asst. Prof Bhagyashree Kulkarni

JVM'S MEHTA DEGREE COLLEGE
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Syllabus of Certificate Course in "Artificial Intelligence"

for (F.Y.B.Sc.IT)- Term-2

Duration: - 30 hours

OBJECTIVES: -

- Learner will understand the basics of algorithms
- Learner will be able to understand the asymptotic analysis of algorithms
- Learner will be able to understand algorithm in various aspects

OUTCOME: -

- Learners will apply algorithms in various aspects.
- Learner will implement the running time of algorithms using asymptotic analysis
- Learners will associate the need and importance of algorithms in different areas.

CORE SYLLABUS

Duration: 06 Hours
Asst. Prof. Bhagyashree Kulkarni - Module 2-(6 lectures)

SR. NO.	TOPICS	THEORY HOURS
1.	Problem Solving by searching: Problem-Solving Agents, Example Problems	2 hrs
2.	Searching for Solutions, Uninformed Search Strategies, Informed (Heuristic) Search Strategies, Heuristic Functions.	2 hrs
3.	Learning from Examples: Forms of Learning, Supervised Learning, Learning, Decision Trees, Evaluating and Choosing the Best Hypothesis	2 hrs

Duration: 05 Hours
Asst.Prof. Sharayu Kadam - Module 4-(6 Lectures)

SR. NO.	TOPICS	DURATION
1	Learning probabilistic models: Statistical Learning, Learning with Complete Data.	2hrs
2	Learning with Hidden Variables: The EM Algorithm. Reinforcement learning: Passive Reinforcement Learning, Active Reinforcement Learning.	2 hrs

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3	Generalization in Reinforcement Learning, Policy Search, Applications of Reinforcement Learning.	2hrs

Duration: 05 Hours

Asst.Prof.Archana Sanap- Module 1- (06 Lectures)

SR. NO.	TOPICS	DURATION
1	What Is AI: Foundations, History and State of the Art of AI.	3 hrs
2	Intelligent Agents: Agents and Environments, Nature of Environments.	3 hrs

Duration: 05 Hours

Asst.Prof.Rajshree Pisal- Module 2- (06 Lectures)

SR. NO.	TOPICS	DURATION
1	Theory of Learning, Regression and Classification with Linear Models,	2 hrs
2	Artificial Neural Networks, Nonparametric Models, Support Vector Machines,	2 hrs
3	Ensemble Learning, Practical Machine Learning	2 hrs

Asst. Prof. Archana Sanap

Incharge- IT DEPT

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Asst. Prof. Janhavi Kshirsagar

Coordinator CS-IT DEPT

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Class :F.Y.B.Sc. (I.T) **Certificate Course Timetable (Term-2)**

Academic year: 2023-2024

Date	6/12/2023	7/12/2023	8/12/2023	9/12/2023	11/12/2023	12/12/2023
07.50-08.40	Module 3	Module 2	Module 4	Module 3	Module 1	Module 4
08.40-09.30	Module 2	Module 4	Module 3	Module 1	Module 4	Module 3
9.30-9.50	B	R	E	A	K	
09.50-10.40	Module 4	Module 1	Module 1	Module 2	Module 2	Module 2
10.40-11.30	Module 1	Module 3	Module 2	Module 4	Module 3	Module 1

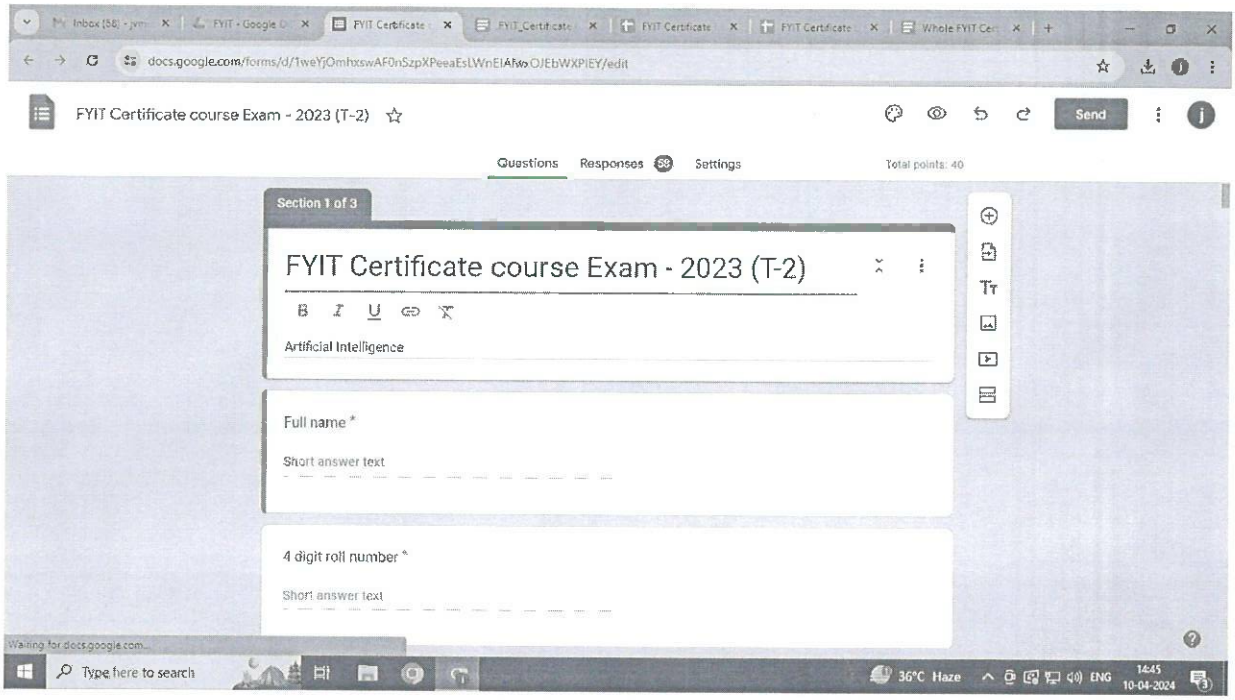
Module-1	Mrs. Bhagyashree Kulkarni
Module-2	Mrs. Rajshree Pisal
Module-3	Mrs. Sharayu Kadam
Module-4	Mrs. Archana Sanap

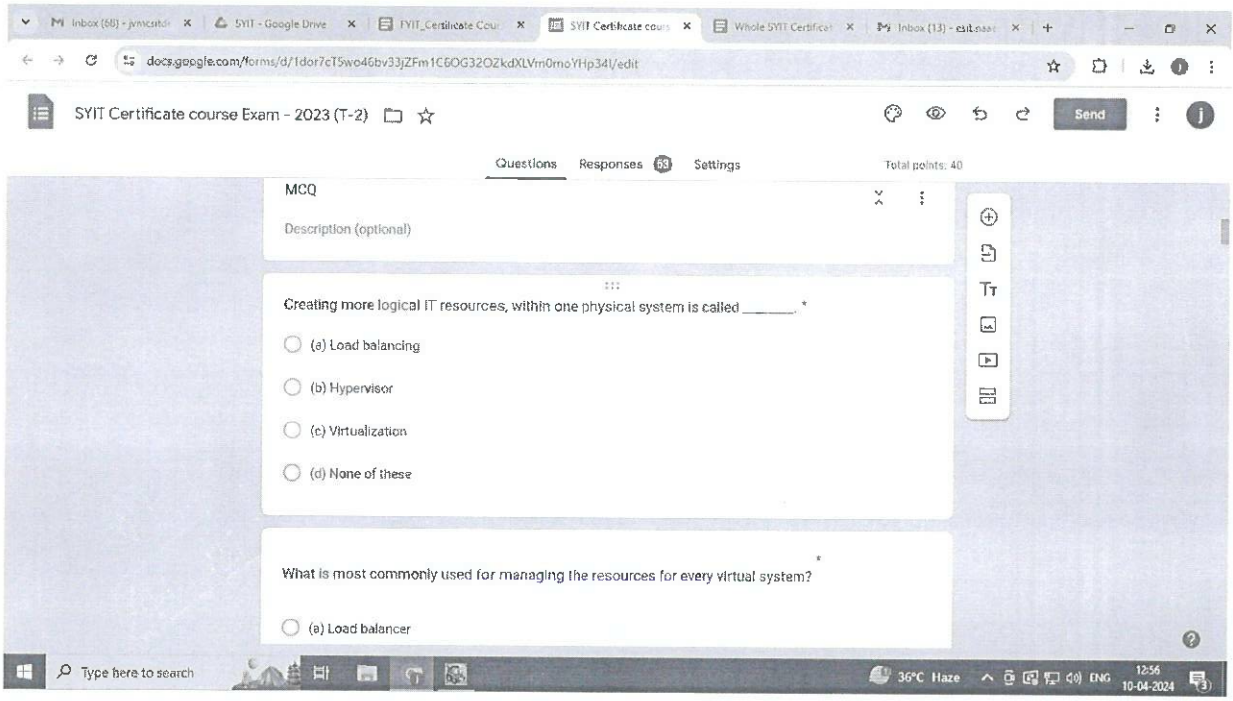
Asst. Prof. Archana Sanap
Incharge- IT DEPT

Asst. Prof. Janhavi Kshirsagar
Coordinator CS-IT DEPT

JVM'S MEHTA DEGREE COLLEGE AIROLI NAVI MUMBAI

Exam paper





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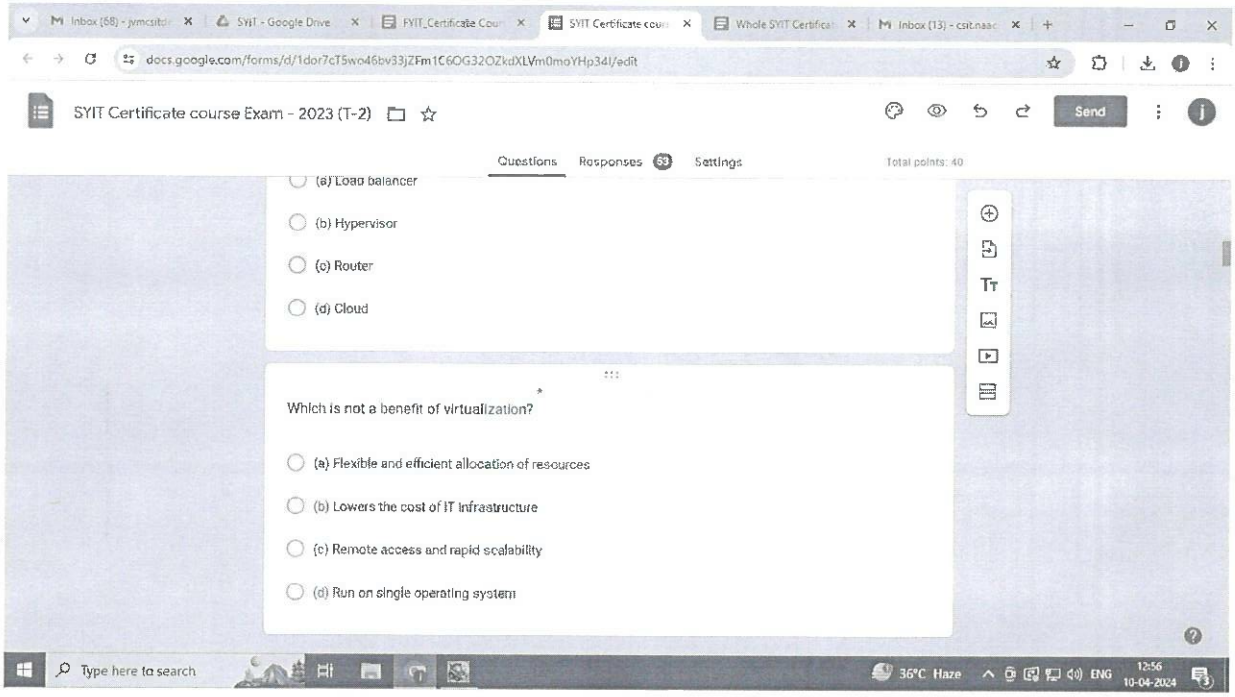

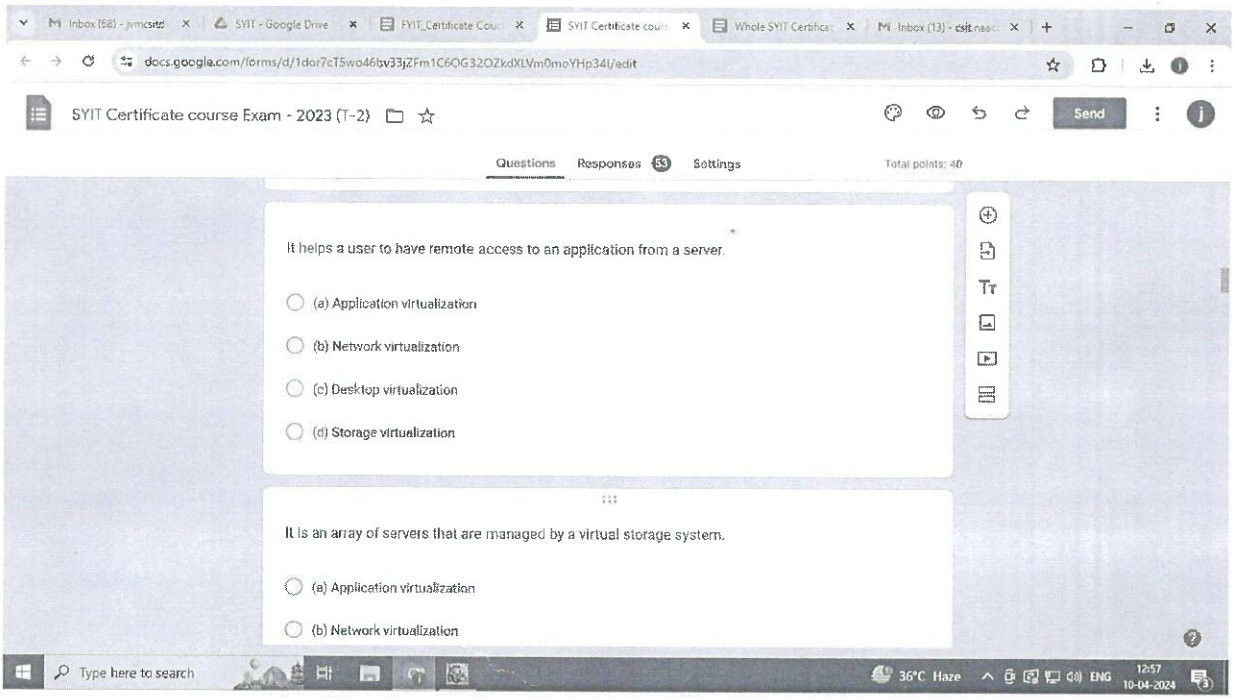

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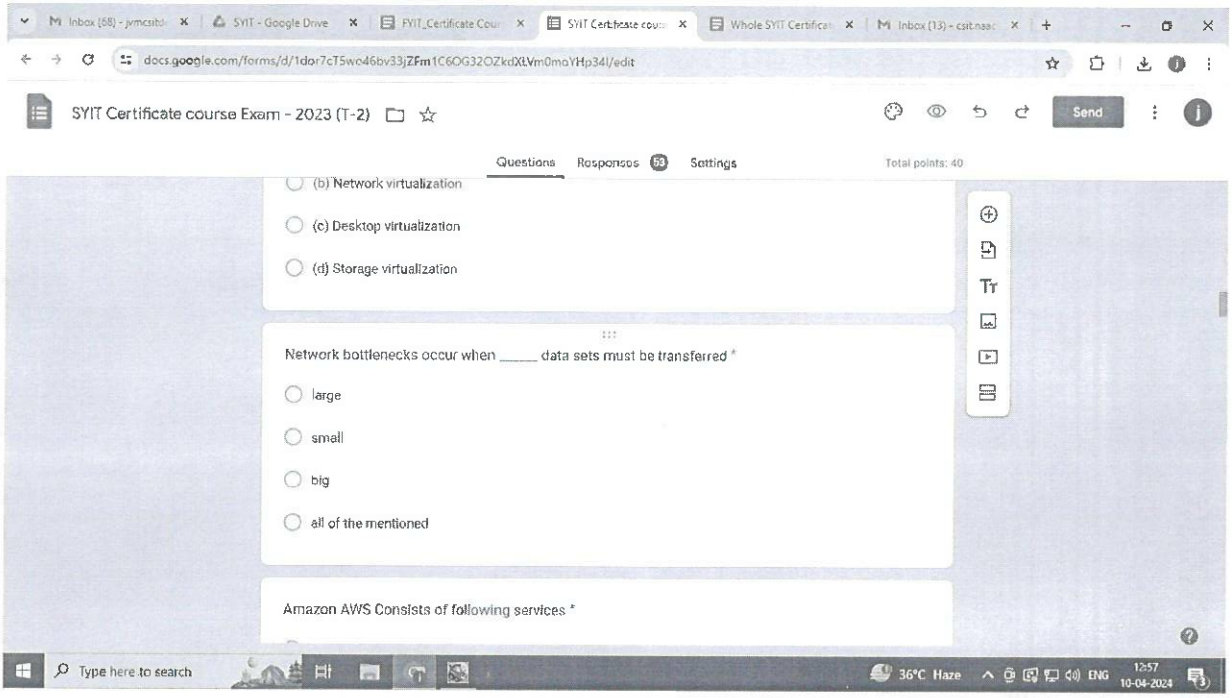
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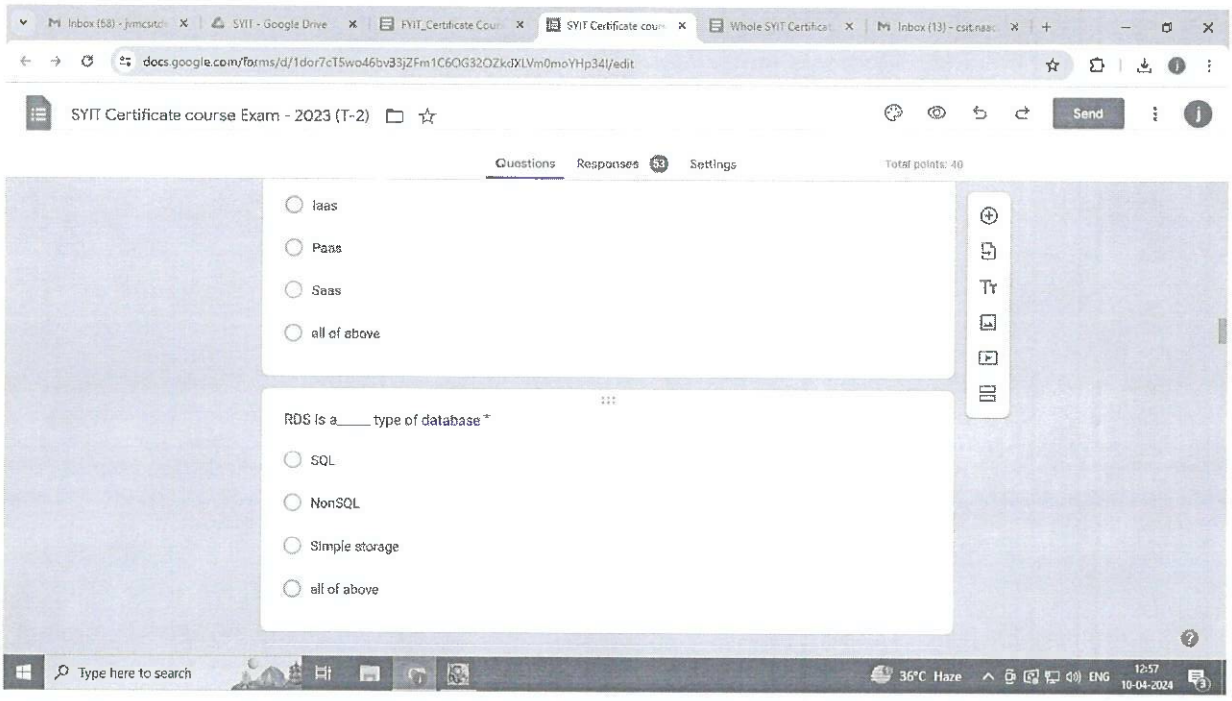
SYIT Certificate course Exam - 2023 (T-2)
Send
Questions
Responses 58
Settings
Total points: 40
(b) Network virtualization
(c) Desktop virtualization
(d) Storage virtualization
Network bottlenecks occur when _____ data sets must be transferred *
large
small
big
all of the mentioned
Amazon AWS Consists of following services *
Type here to search
36°C Haze
ENG
12:57
10-04-2024


docs.google.com/forms/d/1dor7cT5wo46bv33jZFm1C6OG32OZkdXLVm0moYHp34I/edit
SYIT Certificate course Exam - 2023 (T-2)
Send
Questions
Responses 58
Settings
Total points: 40
Iaas
Paas
Saas
all of above
RDS is a_____ type of database *
SQL
NonSQL
Simple storage
all of above
Type here to search
36°C Haze
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10-04-2024

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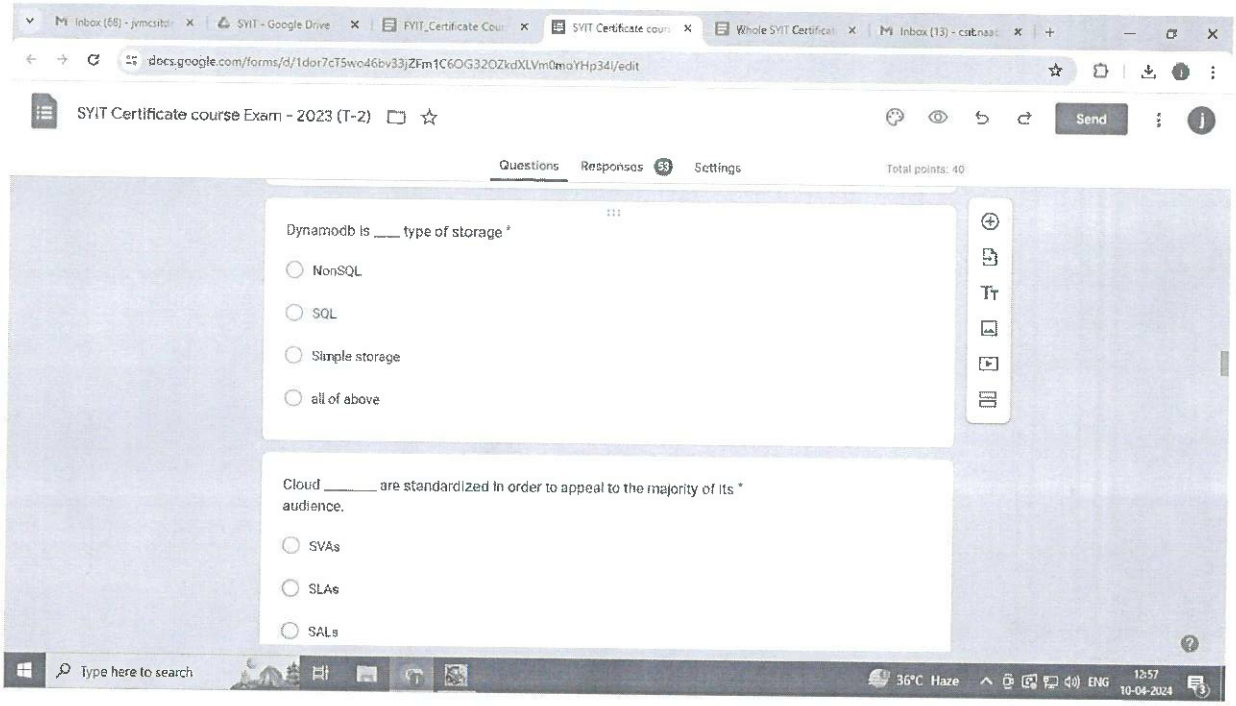
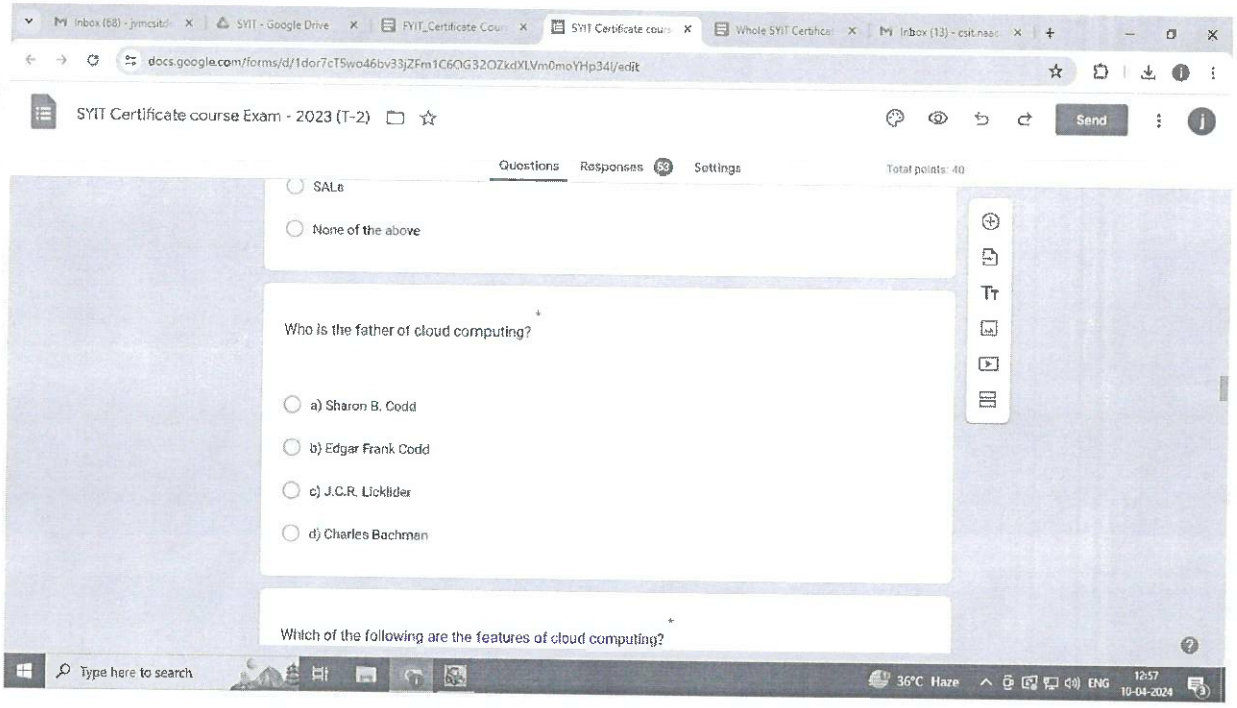
JVM'S





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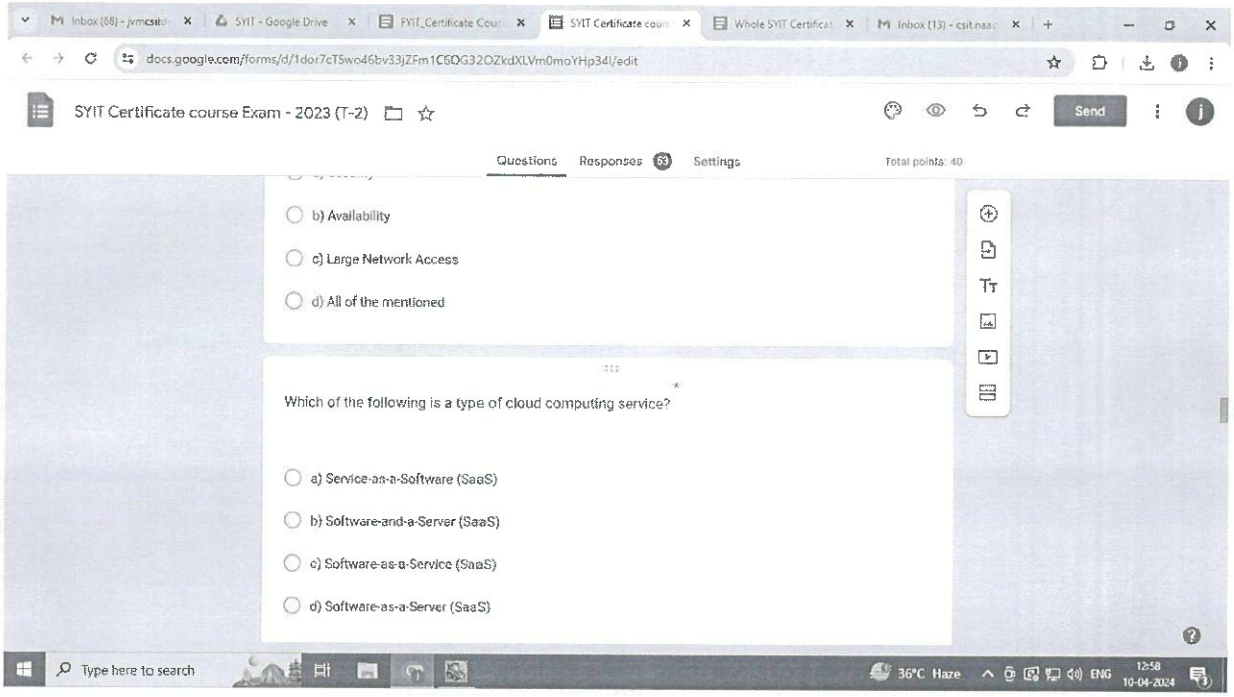

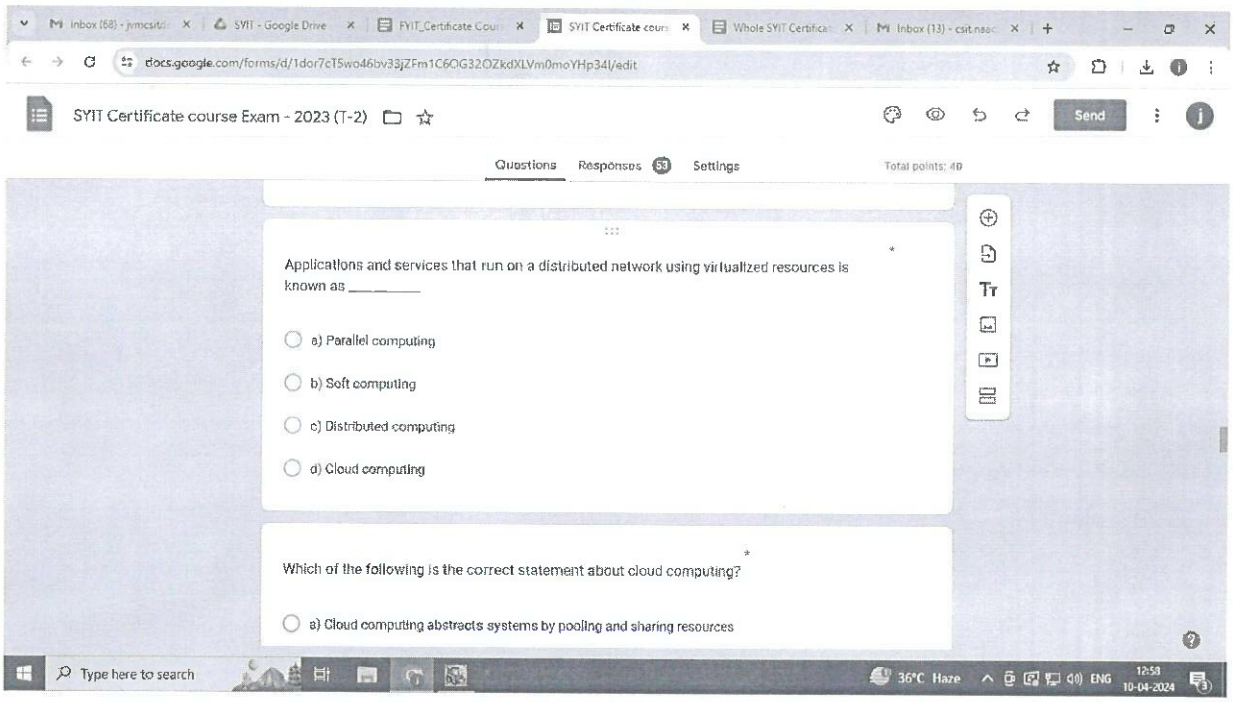

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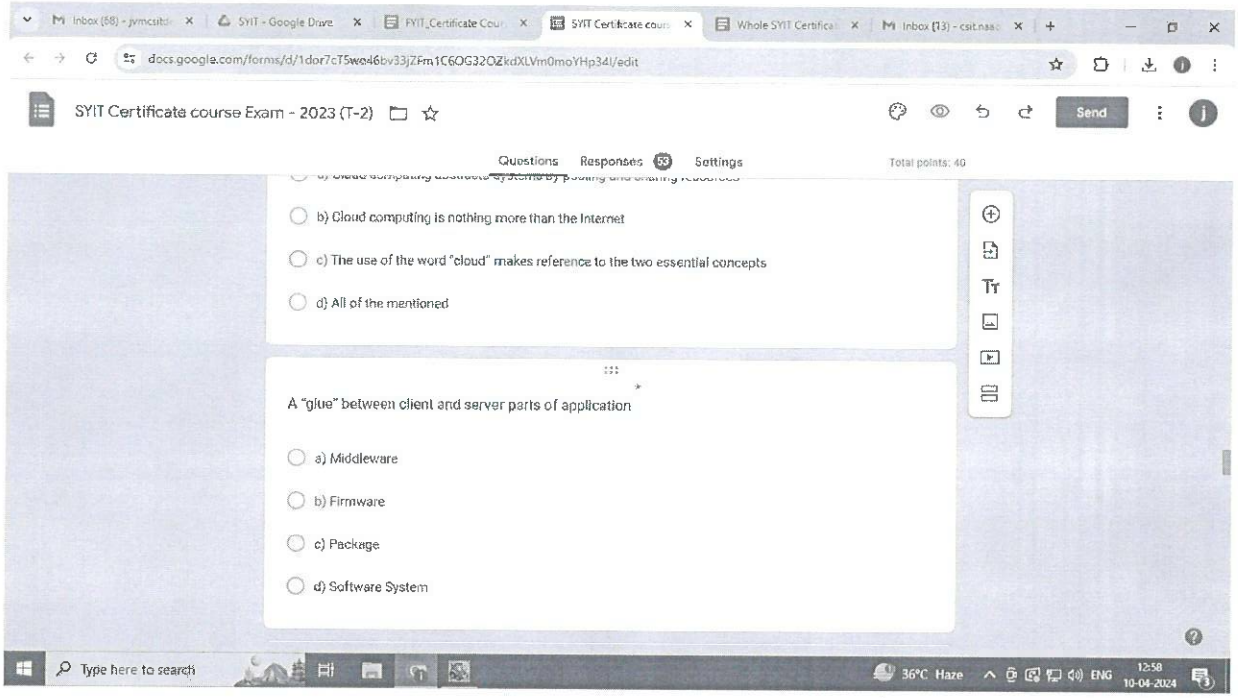

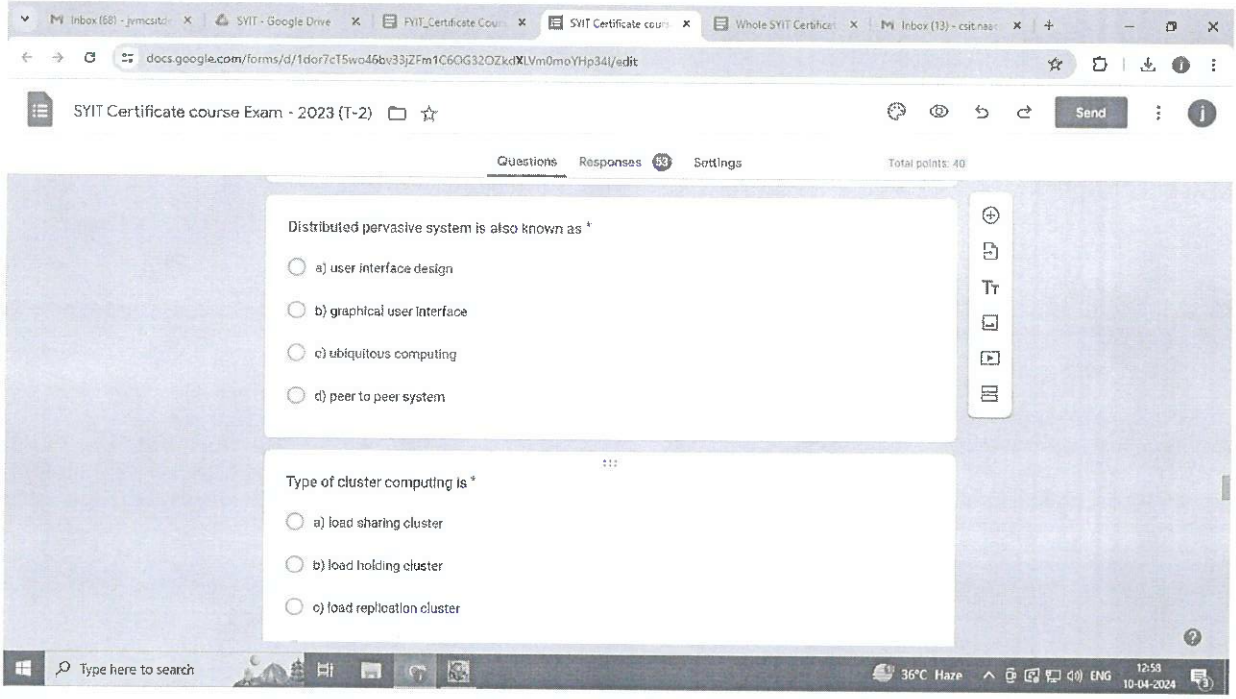

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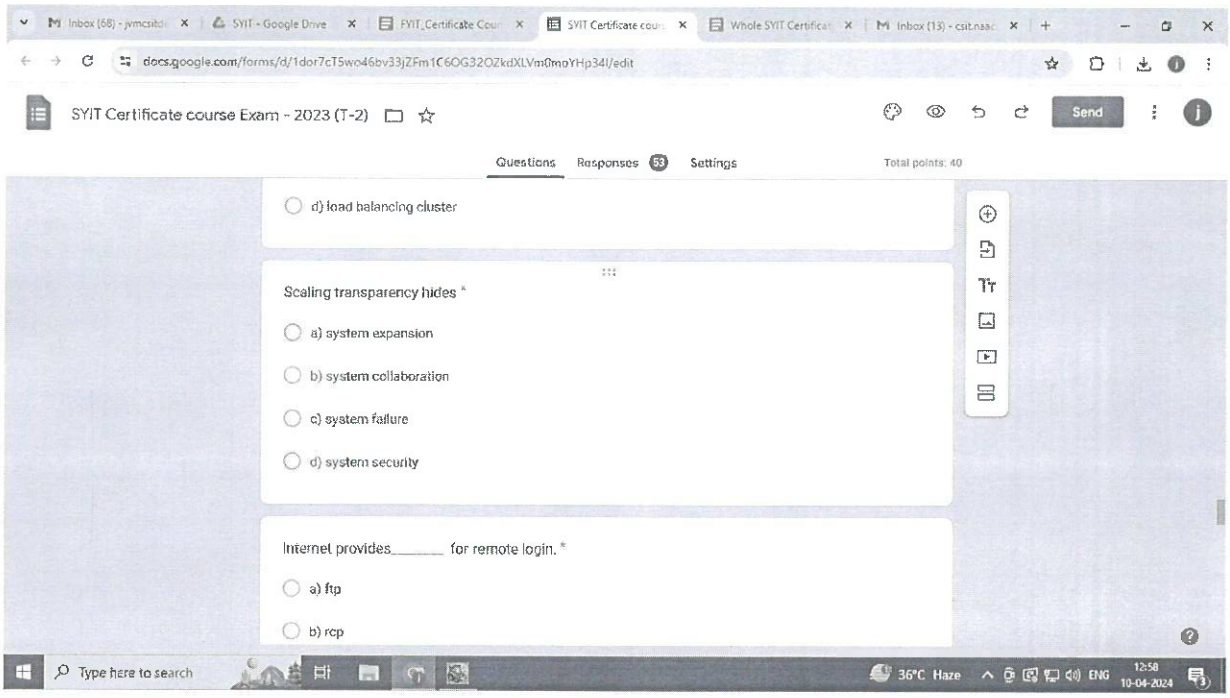

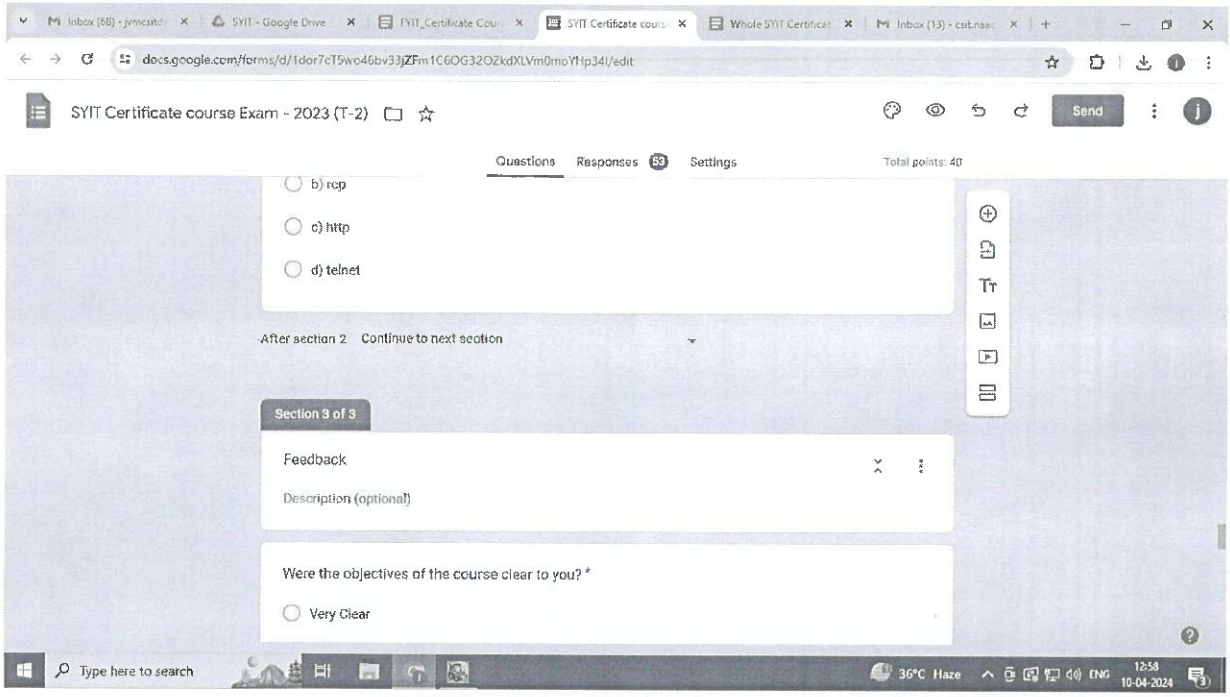

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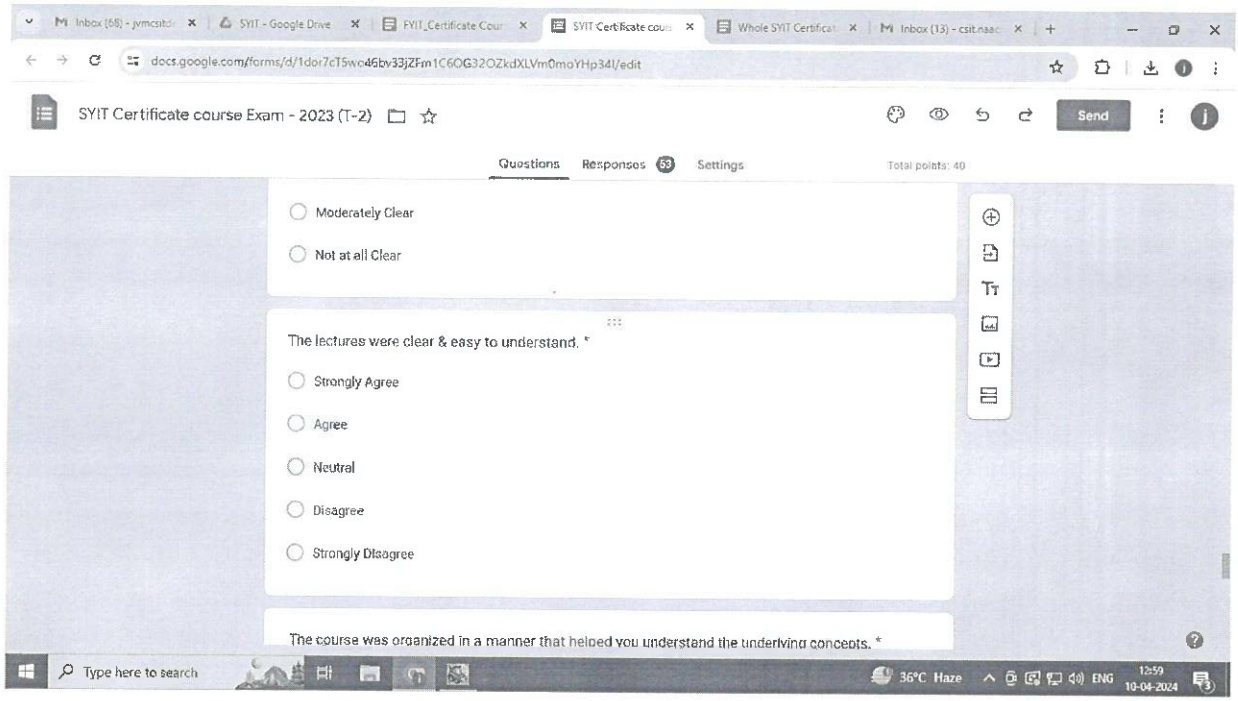

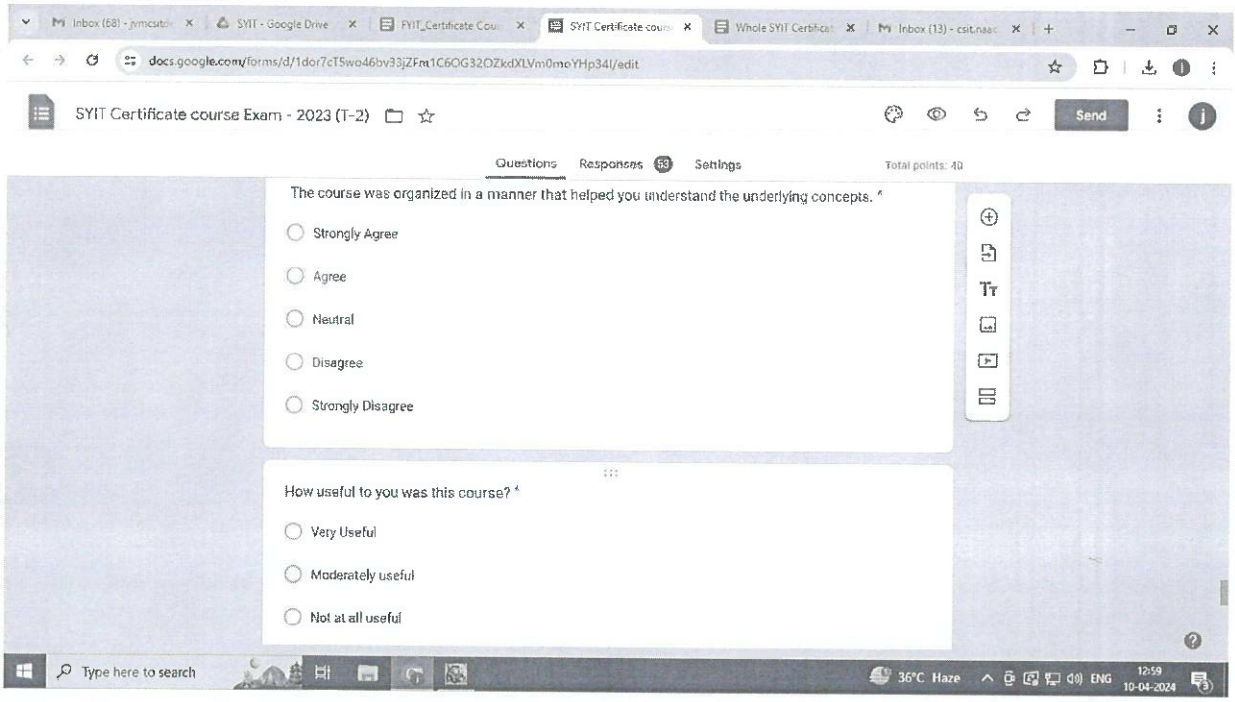

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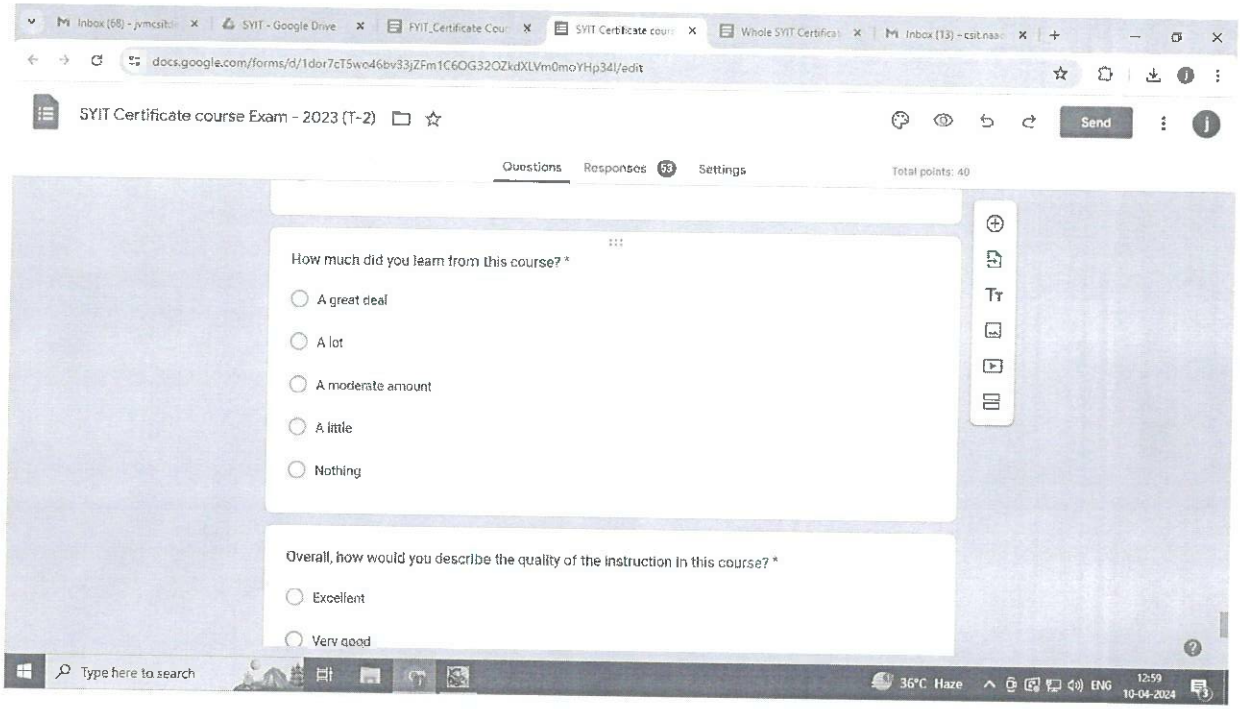

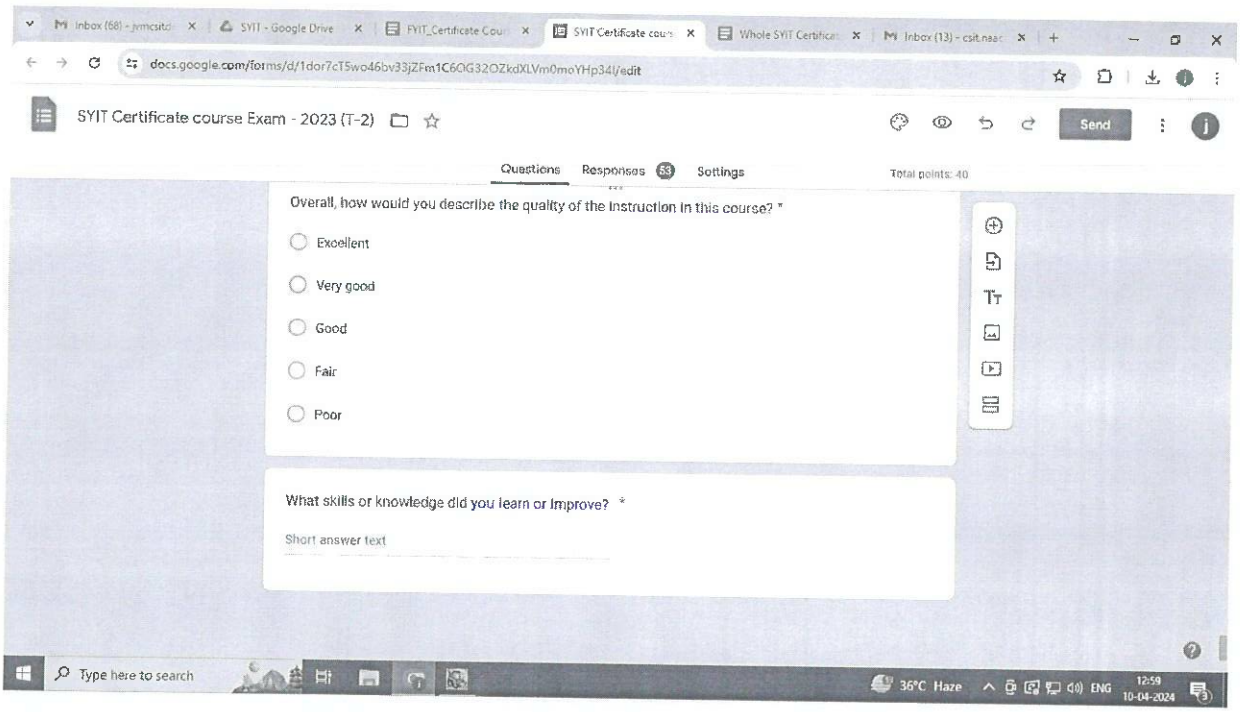

JVM'S MEHTA DEGREE COLLEGE
AIROLI
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Participant list

Sr. No.	Name of the Student
1	Aryapratap Nayak
2	Atul kumar nityaprakash upadhyay
3	Rajkumar Vishwakarma
4	Sandesh Shankar Shinde
5	Rajeshwari Vedprakash Chauhan
6	Sarvesh kishor Gangurde
7	Vinay Omprakash Wagh
8	Aashutosh tiwari
9	Milan Manoj upadhyay
10	Radhika Krishnakumar Gupta
11	Tanishq Chandrakant Gantelu
12	Sakshi Narayan Sawant
13	Utsav jaiswar
14	Ayush chandrakant bhoir
15	Aaditi Maruti Sawant
16	Rushika Swami Dhamale
17	Sahili Rajesh more
18	OMKAR Balaji Waghmare
19	Prachi Vinod Tayade
20	Anvi Kashinath sawant
21	Siddhesh Sandip Vichale
22	Jyoti shyambahadur mourya
23	Disha Devasi

24	Priti Arun Gawade
25	Pal Supriya Chandrabhan
26	Jairaj Rajesh Maru
27	Arjun Chotu Yadav
28	Kabya varma
29	Sanika pushpraj bodake
30	Makrand
31	Tanvi Prakash Gujar
32	Sanika Hanmant Pawar
33	Vaishnavi Rajesh Katalkar
34	Purva Yogesh Gosavi
35	SHEDGE GAYATRI VIJAY
36	Rohit Rajbali Jaiswal
37	Payal Borude
38	Nanda prakash khandekar
39	Shivani ramnarayan yadav
40	Suraj Sahoo
41	Shaikh Aasifa Noor Mohammad Tahir
42	Rohan Rajesh thombare
43	Shubham Bhausaheb Sawant
44	Somil sunil shinde
45	Yadav vikash Rakesh
46	Vishwakarma Vijay Baburam
47	Sneha Ramesh Kumar mourya
48	Aayush Sameer Patil
49	Bhargavi Eknath Ambre
50	Harshal Sachin Jagtap
51	Soyam sudas kadam

52	Aaditya Maruti Patil
53	Mayank Deepak Harad
54	OMKAR JADHAV
55	Saee Prakash kadam
56	Nikhil anil singh
57	Abhay Santosh Singh
58	Vijay chauhan

Marksheet

Sr. No.	Name of the Student	Marks
1	Aryapratap Nayak	38 / 40
2	Atul kumar nityaprakash upadhyay	40 / 40
3	Rajkumar Vishwakarma	38 / 40
4	Sandesh Shankar Shinde	38 / 40
5	Rajeshwari Vedprakash Chauhan	40 / 40
6	Sarvesh kishor Gangurde	40 / 40
7	Vinay Omprakash Wagh	40 / 40
8	Aashutosh tiwari	40 / 40
9	Milan Manoj upadhyay	40 / 40
10	Radhika Krishnakumar Gupta	40 / 40
11	Tanishq Chandrakant Gantelu	40 / 40
12	Sakshi Narayan Sawant	40 / 40
13	Utsav jaiswar	40 / 40
14	Ayush chandrakant bhoir	28 / 40
15	Aaditi Maruti Sawant	40 / 40
16	Rushika Swami Dhamale	38 / 40
17	Sahili Rajesh more	40 / 40
18	OMKAR Balaji	38 / 40

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6	Sarvesh kishor Gangurde	40 / 40
	Waghmare	
19	Prachi Vinod Tayade	40 / 40
20	Anvi Kashinath sawant	38 / 40
21	Siddhesh Sandip Vichale	40 / 40
22	Jyoti shyambahadur mourya	38 / 40
23	Disha Devasi	38 / 40
24	Priti Arun Gawade	40 / 40
25	Pal Supriya Chandrabhan	38 / 40
26	Jairaj Rajesh Maru	38 / 40
27	Arjun Chotu Yadav	40 / 40
28	Kabya varma	34 / 40
29	Sanika pushpraj bodake	38 / 40
30	Makrand	32 / 40
31	Tanvi Prakash Gujar	38 / 40
32	Sanika Hanmant Pawar	38 / 40
33	Vaishnavi Rajesh Katalkar	36 / 40
34	Purva Yogesh Gosavi	40 / 40
35	SHEDGE GAYATRI VIJAY	38 / 40
36	Rohit Rajbali Jaiswal	40 / 40
37	Payal Borude	40 / 40
38	Nanda prakash khandekar	34 / 40

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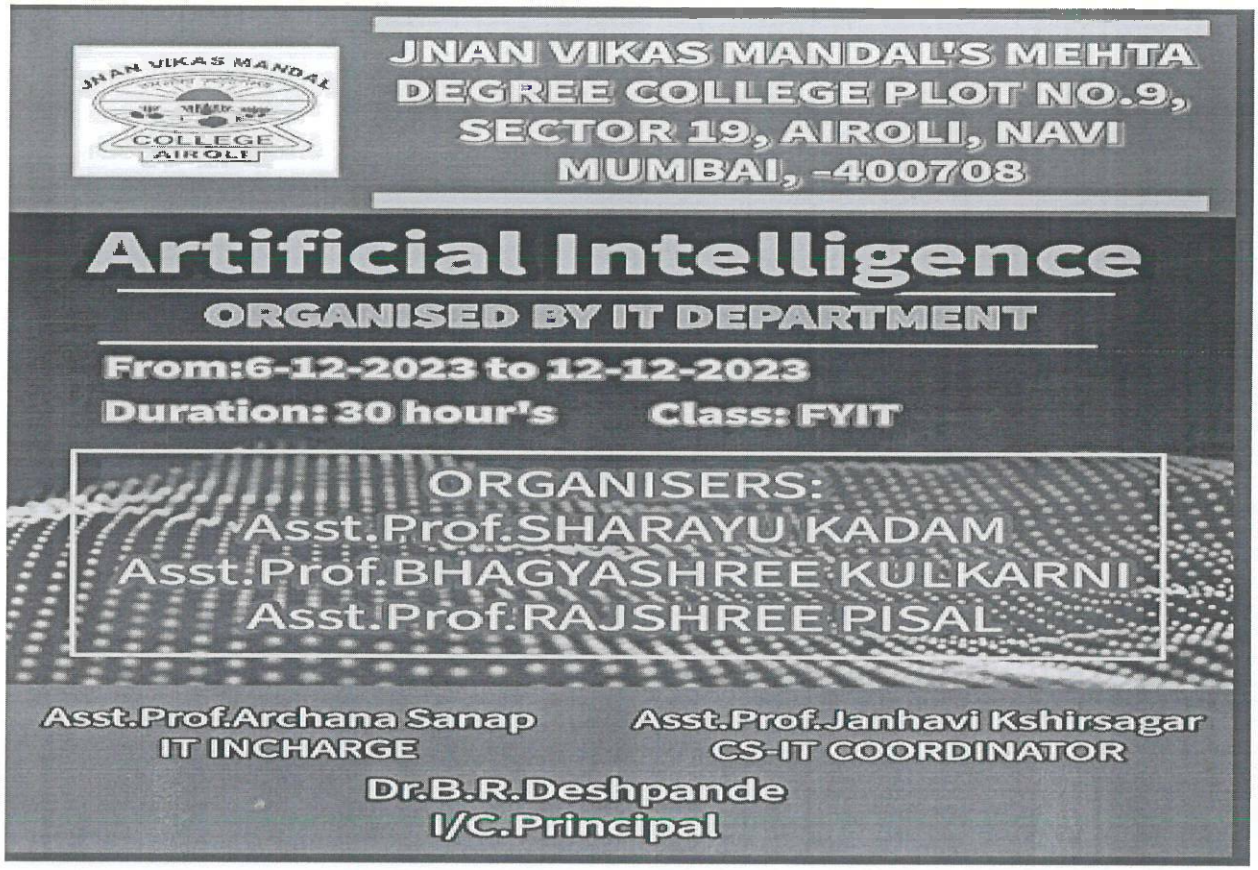
41	Shaikh Aasifa Noor Mohammad Tahir	28 / 40
42	Rohan Rajesh thombare	28 / 40
43	Shubham Bhausaheb Sawant	28 / 40
44	Somil sunil shinde	38 / 40
45	Yadav vikash Rakesh	40 / 40
46	Vishwakarma Vijay Baburam	40 / 40
47	Sneha Ramesh Kumar mourya	38 / 40
48	Aayush Sameer Patil	32 / 40
49	Bhargavi Eknath Ambre	32 / 40
50	Harshal Sachin Jagtap	38 / 40
51	Soyam sudas kadam	38 / 40
52	Aaditya Maruti Patil	40 / 40
53	Mayank Deepak Harad	16 / 40
54	OMKAR JADHAV	36 / 40
55	Saee Prakash kadam	38 / 40
56	Nikhil anil singh	34 / 40
57	Abhay Santosh Singh	34 / 40
58	Vijay chauhan	26 / 40

Flyer



Certificate

JVM'S MEHTA DEGREE COLLEGE
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JNAN VIKAS MANDAL'S
MOHANLAL RAICHAND MEHTA DEGREE COLLEGE OF COMMERCE DIWALI MAA DEGREE COLLEGE OF SCIENCE AMRITLAL RAICHAND MEHTA DEGREE COLLEGE OF ARTS PADMASHREE (Dr.) R.T.DOSHI DEGREE COLLEGE OF COMPUTER SCIENCE PERMANENTLY AFFILIATED TO UNIVERSITY OF MUMBAI
NAAC Re-accredited Grade A+(CGPA-3.31) 3" CYCLE
Plot No-9, Sector-19, Airoli Node, Navi Mumbai - 400 708

CERTIFICATE

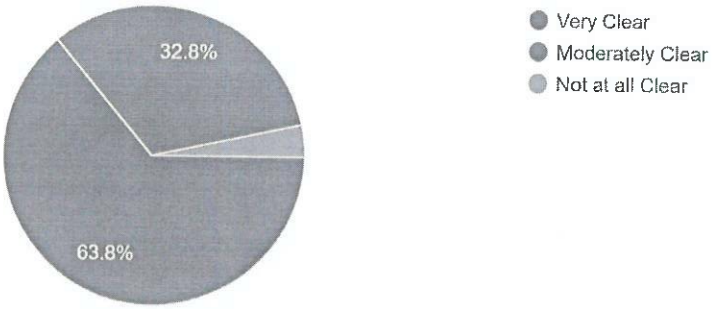
This certificate is proudly awarded to

for their participation in Artificial intelligence course held in academic year 2023-24

Asst. Prof. Archana Sanap	Assit.Prof. Janhavi Kshirsagar	Dr. B. R. Deshpande
Incharge-IT DEPT	Cordinator CS-IT DEPT	I/c Principal

Feedback Analysis

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



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The lectures were clear & easy to understand.

58 responses

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

58 responses

How useful to you was this course?

58 responses

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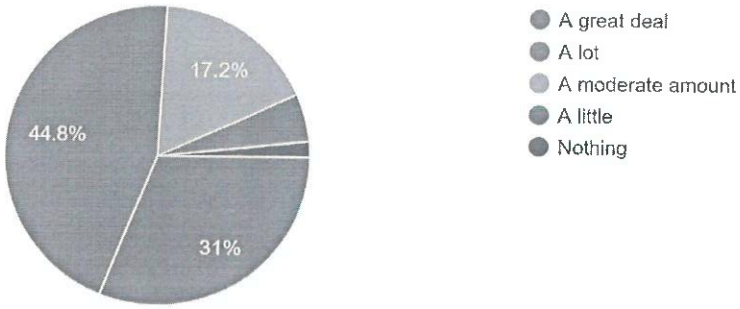
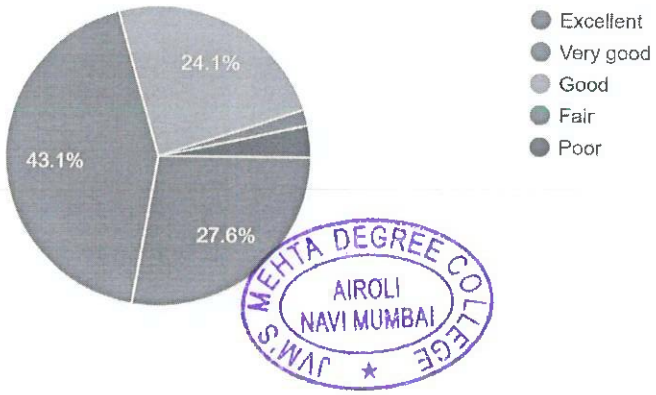
How much did you learn from this course?

58 responses



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

58 responses



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Dr. R.T. Doshi College of Computer Science
NAAC Re-Accredited Grade 'A+' (CGPA : 3.31) (3rd Cycle)

FIRST YEAR CERTIFICATE COURSE REPORT TERM-II 2023-24

The certificate course in "Artificial Intelligence" was conducted for first year students of information technology. The certificate course was conducted with an aim of introducing the fundamentals of automatic systems and AI tools in the field of information technology which helped the students to gain an insight into the various solutions and aspects of automatic systems and AI tools in the field of information technology.
The subjects of the course were Classified in 4 different modules.
The course commenced from 6th December, 2023.The course ended on 12th December, 2023.

The total duration of course was 30 hours.

Following faculties conducted the lectures

Sr No	Teacher Name	Subject Name
1	Mrs. Bhagyashree Kulkarni	Module-1
2	Mrs.Rajshree Pisal	Module-2
3	Mrs. Sharayu Kadam	Module-3
4	Mrs. Archana Sanap	Module-4

Course exam was conducted on 14th December, 2023 from 12pm to 1pm. Total 50 marks exam was conducted by Mrs.Bhagyashree Kulkarni.
Total 58 students attempted the examination.
Results of the certificate course were released via email to the students who attempted the exam.

Asst. Prof. Archana Sanap
Incharge- IT DEPT

Asst. Prof. Janhavi Kshirsagar
Coordinator CS-IT DEPT

Dr. B. R. Deshpande
I/c Principal

MEHTA DEGREE COLLEGE AIROLI NAVI MUMBAI

I/c. PRINCIPAL
JNAN VIKAS MANDAL'S
M.R. MEHTA COLLEGE OF COMMERCE
D.M. MEHTA COLLEGE OF SCIENCE
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