



JNAN VIKAS MANDAL'S
Amratlal Raichand Mehta Degree College of Arts
Diwali Maa Degree College of Science
Mohanlal Raichand Mehta College of Commerce
Padmashree (Dr.) R.T. Doshi Degree College of Computer Science
Plot no.9, Sector -19, Airoli Navi Mumbai

Date: 17/06/2022

NOTICE

All faculties of Science Department are hereby informed that tomorrow on 18th June 2022 there will be meeting at 2 p.m. in Chemistry Lab.
All the members are requested to be present for the same.

AGENDA

- 1] To discuss about conducting "Certificate Course" for S.Y.B.Sc. Sem III class.
- 2] Any other matter with the permission of Chairperson.



Leena
Dr. Leena Sarkar

(Principal & Chairperson)

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D.M. COLLEGE OF SCIENCE
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Dr. R.T. DOSHI COLLEGE OF COMPUTER SCIENCE
Plot No.9, SEC.- 19, AIROLI,
NAVI MUMBAI-400 708



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Plot no.9, Sector -19, Airoli Navi Mumbai

Date :- 18/06/2022

Minutes of the Meeting

Online meeting was held with the faculties of Science Department on 18th June 2022 at 2.00 p.m in Chemistry Lab chaired by Principal Dr. Leena Sarkar

Following points were discussed in the meeting :-

- 1] Principal Dr. Leena Sarkar madam suggested Certificate Course should be conducted for S.Y. B.Sc. students for their holistic development.
- 2] Principal Dr. Leena Sarkar madam appointed Dr. Kanika Pahwa as convenor for conducting this Certificate Course.
- 3] In this meeting, theme was finalized as New Horizon in Science.
- 4] Time table and syllabus for Certificate Course was finalized.
- 5] Meeting was ended with vote of thanks.

Following members were present in the meeting: -

1. Dr. Leena Sarkar [Principal] *Leena*
2. Asst. Prof. Sandhya Patil *Sandhya*
3. Asst. Prof. Harshada Niju *Harshada*
4. Dr. Prajakta Kadu *PB*
5. Asst. Prof. Savita Kumari *Savita*
6. Dr. Shweta Rathore *Shweta*
7. Asst. Prof. Pintoo Jaiswar *Pintoo*
8. Dr. Kanika Pahwa *Kanika*

Kanika
Dr. Kanika Pahwa
Convener



Leena
Dr. Leena Sarkar
(Principal & Chairperson)

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

Certificate Course- S.Y. B.Sc. Sem III (2022-2023)
on
“New Horizon in Science”

Duration-40 Hrs
Program: B.Sc.
Course: Online Certificate course in Science
Number of Lectures: 40

OBJECTIVES: -

- To make students understand the importance of how chemistry provides new solutions to problems in health, materials, and energy usage.
- To impart knowledge of Business Statistics and Mental Aptitude.
- To introduce learners to the concept of metals analysis with titrimetry.
- To make students understand the complexities and causes of animal behaviour.
- To make students aware about the science behind vaccination technology.

OUTCOME: -

- Students will develop research, problem solving and analytical skills.
- Learners will develop mental aptitude by exploring different fields of mathematics.
- Learner will be able to appreciate the role of biological science for human welfare.
- Learners will understand how science and technology is directly related to the development of human race.

SYLLABUS:-

S.No.	Faculty Name	Topic	No. of Lectures
1.	Dr. Shweta Rathore	Medicinal Food	3
2.	Asst. Prof. Harshada Niju	Liquid crystals and their applications	2
		What are mesoporous materials and their applications	1
3.	Asst. Prof. Sandhya Patil	Analysis of metals by titrimetry	3



4.	Asst. Prof. Savita Kumari	Importance of chemistry in our life	3
5.	Dr. Prajakta Kadu	Science behind Vaccination	4
6.	Dr. Kanika Pahwa	Interesting facts about Animal World	4
7.	Asst. Prof. Pintoo Jaiswar	Business Statistics Mental Aptitude	2 2

TIME TABLE:-

Class - S.Y.B.Sc.

Academic year: 2022-23

Time	Day					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9.00 To 10.00	(P.K)	(P.K)	(H.N)	(S.R)	(P.K)	(P.K)
10.00 To 11.00	(H.N)	(P.J)	(S.K)	(H.N)	(S.R)	(S.K)
11.20 TO 12.20	(S.R.)	(S.P)	(S.P.)	(P.J)	(S.P.)	(P.J)
12.20 To 1.20	(K.P)	(K.P)	(P.J)	(K.P)	(S.K)	(K.P)
1.30 To 2.30	Assessment (K.P)	Assessment (P.K)	Assessment (H.N)	Assessment (P.J)	Assessment (S.K)	Assessment (S.R)

H.N - Mrs. Harshada Niju S.P - Mrs. Sandhya Patil S.K - Miss Savita Kumari S.R - Dr. Shweta Rathore P.J - Mr. Pintoo Jaiswar P.K - Dr. Prajakta Kadu
K.P - Dr. Kanika Pahwa

Sign of Class teacher -

Sign of H.O.D.-

Sign of Principal-

ATTENDANCE SHEET

1. Name of Teacher: Dr. Shweta Rathore				
Name of Student	20.06.22	23.6.22	24.06.22	Total (3)
Apeksha Indore	P	P	P	3
Samruddhi Londhe	P	P	P	3
Nikita Lagade	P	P	A	2
Parul Singh	P	P	P	3
Sanika Pote	P	A	A	1



Pratiksha Bore	P	P	A	2
Riya Vishwakarma	P	P	P	3
Lotale Jayawant	P	A	A	1
Roshni Prajapati	A	A	P	1

2. Name of Teacher: Asst. Prof. Harshada Niju

Name of Student	20.06.22	22.6.22	23.06.22	Total (3)
Apeeksha Indore	P	P	P	3
Samruddhi Londhe	P	P	P	3
Nikita Lagade	P	P	P	3
Parul Singh	P	P	P	3
Sanika Pote	P	A	A	1
Pratiksha Bore	P	A	P	2
Riya Vishwakarma	P	P	P	3
Lotale Jayawant	P	A	A	1
Roshni Prajapati	A	A	P	1

3. Name of Teacher: Asst. Prof. Sandhya Patil

Name of Student	21.06.22	22.6.22	24.06.22	Total (3)
Apeeksha Indore	P	P	P	3
Samruddhi Londhe	P	P	P	3
Nikita Lagade	P	P	A	2
Parul Singh	P	P	P	3
Sanika Pote	P	A	A	1
Pratiksha Bore	P	A	A	1
Riya Vishwakarma	P	P	P	3
Lotale Jayawant	A	A	A	0
Roshni Prajapati	P	A	P	2

4. Name of Teacher: Asst. Prof. Savita Kumari

Name of Student	22.06.2022	24.6.2022	25.06.2022	Total (3)
Apeeksha Indore	P	P	P	3
Samruddhi Londhe	P	P	P	3
Nikita Lagade	P	A	A	1
Parul Singh	P	P	P	3



Sanika Pote	A	A	A	0
Pratiksha Bore	A	A	A	0
Riya Vishwakarma	P	P	P	3
Lotale Jayawant	A	A	A	0
Roshni Prajapati	A	A	A	0

5. Name of Teacher: Dr. Prajakta Kadu					
Name of Student	20.06.22	21.6.22	24.06.22	25.06.22	Total (4)
Apeeksha Indore	P	P	P	P	4
Samruddhi Londhe	P	P	P	P	4
Nikita Lagade	P	P	A	A	2
Parul Singh	P	P	P	P	4
Sanika Pote	P	P	A	A	2
Pratiksha Bore	P	P	A	A	2
Riya Vishwakarma	P	P	P	P	4
Lotale Jayawant	P	P	A	A	2
Roshni Prajapati	A	P	P	A	2

6. Name of Teacher: Dr. Kanika Pahwa					
Name of Student	20.06.22	21.6.22	23.06.22	25.06.22	Total (4)
Apeeksha Indore	P	P	P	P	4
Samruddhi Londhe	P	P	P	P	4
Nikita Lagade	P	P	P	A	3
Parul Singh	P	P	P	P	4
Sanika Pote	P	A	A	A	1
Pratiksha Bore	P	A	P	A	2
Riya Vishwakarma	P	A	P	P	3
Lotale Jayawant	A	A	A	A	0
Roshni Prajapati	A	A	P	A	1

7. Name of Teacher: Asst. Prof. Pintoo Jaiswar					
Name of Student	21.06.22	22.6.22	23.06.22	25.06.22	Total (4)
Riya Vishwakarma	P	P	P	P	4
Apeksha	P	P	P	P	4
Samriddhi	P	P	P	P	4



Nikita	P	P	P	A	3
Parul	P	P	P	P	4

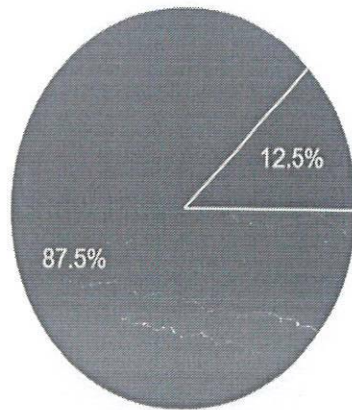
ASSESSMENT SHEET

Name of Student	TEST 1	TEST 2	TEST 3	TEST 4	TEST 4
Riya Vishwakarma	12	6	15	14	19
Apeksha Indore	15	16	18	16	20
Samruddhi Londhe	11	6	16	16	20
Nikita Lagade	16	14	14	Ab	Ab
Parul Singh	12	Ab	17	18	18
Roshani Prajapati	A	Ab	15	Ab	Ab
Ritika Giri	A	16	Ab	Ab	Ab
Avaneesh Yadav	A	12	Ab	Ab	Ab

FEEDBACK ANALYSIS

1. What did you gain from the sessions?

8 responses

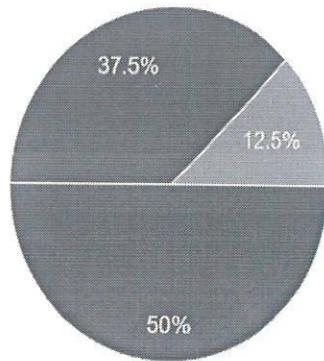


- New information
- Answers to my question
- Resource Material
- Ideas I can try immediately



2. What benefits have you obtained from sessions?

8 responses



- Motivated to think differently
- Clarified things that had been learned
- Stimulated interest to learn more
- Nothing in particular

3. Your suggestion for next certificate course

Want more certificate course

Yes

it was nice

Good

Yes

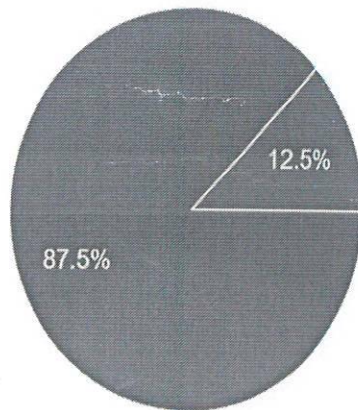
Next certificate course should be even better

..

Same as first

4. The lecture sequence was well planned

8 responses

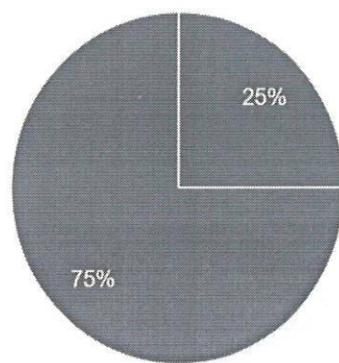


- Agree
- Neutral
- Disagree



5. Please give overall rating of the course

8 responses



- Excellent
- Very good
- Good
- Fair
- Poor





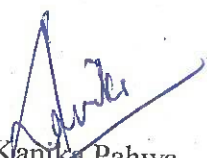
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Certificate Course- (S.Y.B.Sc., 2022-2023)
on
"New Horizon in Science"


Program: B.Sc.
Course: Online Certificate course in Science
Number of Lectures: 40

List of Students Enrolled

S.no	Name of the Student
1.	Samruddhi Londhe
2.	Nikita Lagade
3.	Parul Singh
4.	Sanika Pote
5.	Pratiksha Bore
6.	Riya Vishwakarma
7.	Lotale Jayawant
8.	Roshni Prajapati
9.	Apeeksha Indore
10.	Ritika Giri
11.	Avaneesh Yadav


Dr. Kanika Pahwa
(Convener)



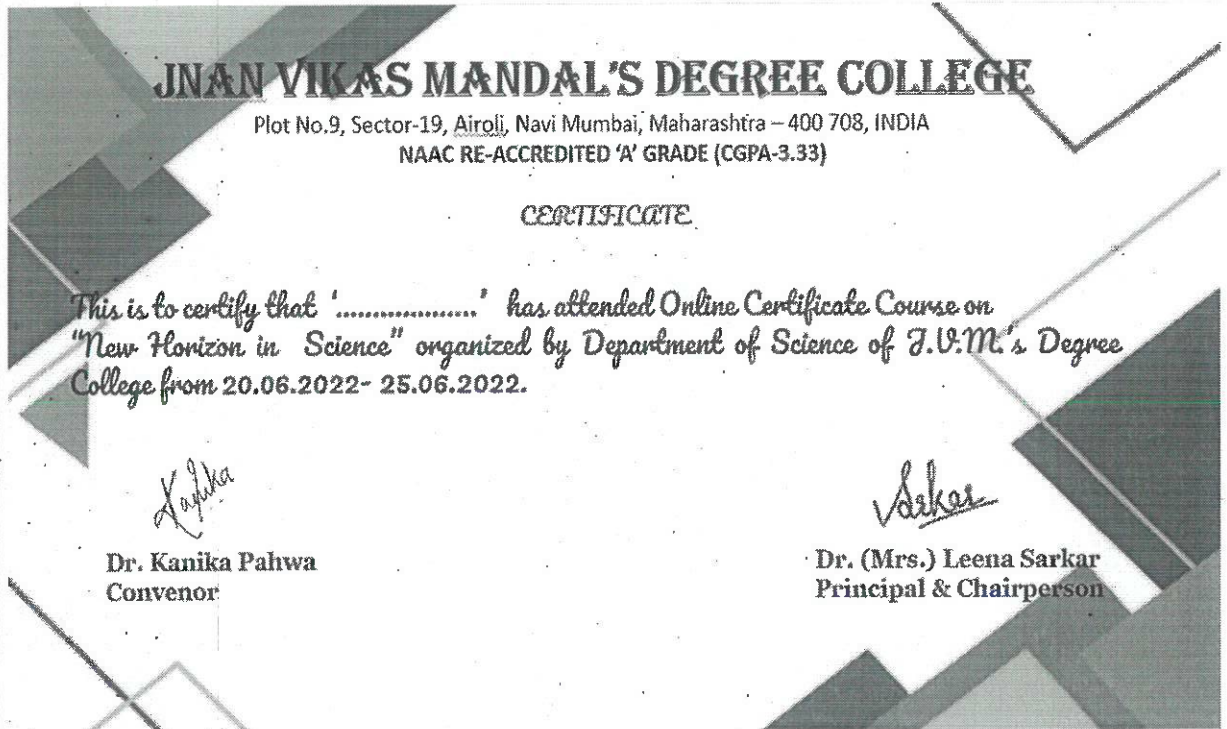

Dr. Leena Sarkar
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Model Certificate:-



Kanika
Dr. Kanika Pahwa
Convenor

Leena
Dr. (Mrs.) Leena Sarkar
Principal & Chairperson

Kanika
Dr. Kanika Pahwa

(Convenor)



Leena
Dr. Leena Sarkar

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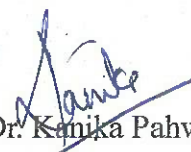
Number of Lectures: 40

Summary Report


The Certificate Course in **New Horizon in Science** was designed with an holistic approach focussing on overall development of the students viz. research, problem solving and analytical skills. After completing the course, learners were able to:

- Learners got equipped with the knowledge of mesoporous materials and metal analysis, thus, understood how chemistry provides new solutions to problems in health, materials, and energy usage.
- Explored business statistics domain in mathematics which enhanced their mental aptitude.
- Learner understood the role of biological science for human welfare with detailed information about vaccine technology.
- Learners got insights of the significant role of science and technology in the development of human race.

The Certificate Course was overall successful in achieving its objectives, hence fulfilling the purpose.


Dr. Kanika Pahwa
(Convener)




Dr. Leena Sarkar
(Principal & Chairperson)

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