

# 1.2

Add-on/ certificate Courses

Assessment Report

Of

Add-on/certificate Courses

For

2018-2023



**Vishnu Waman Thakur Charitable Trust's**  
**Bhaskar Waman Thakur College of Science.**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts.**  
**(VIVA College)**  
**(Affiliated to University of Mumbai)**

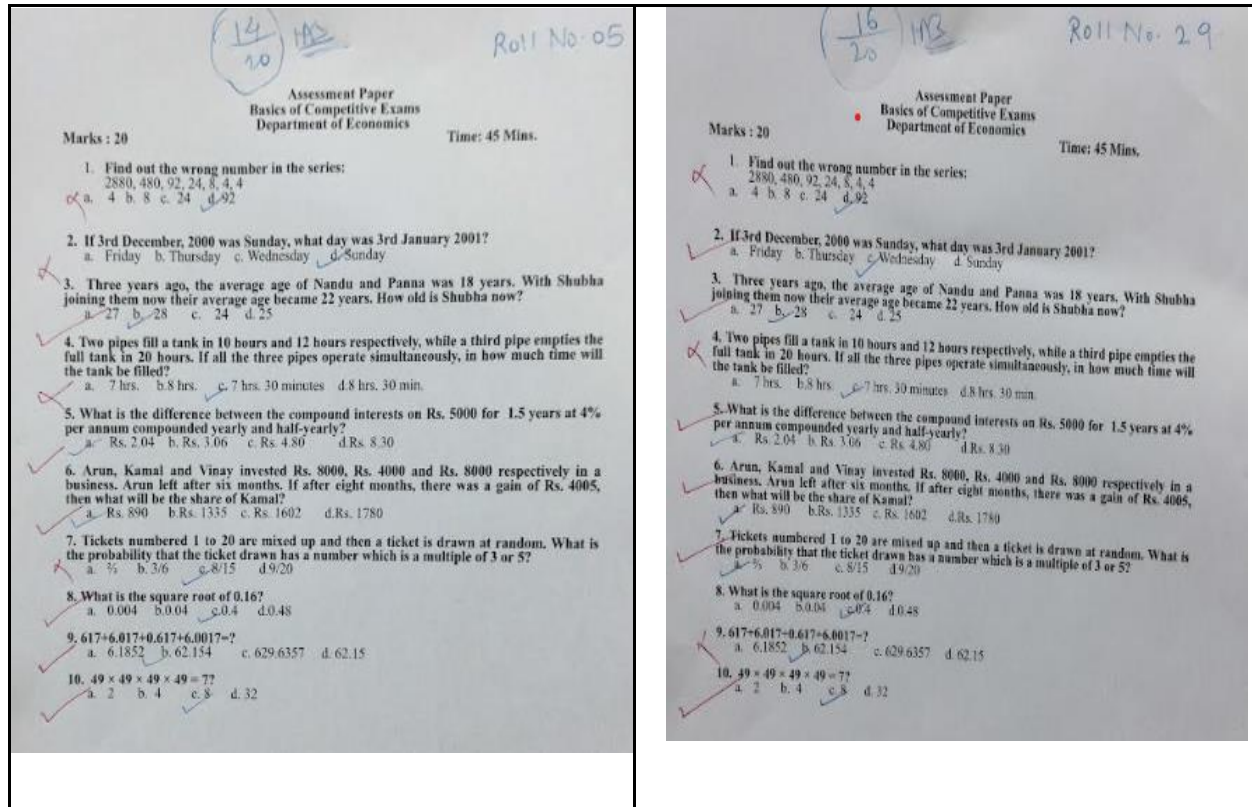
**Assessment Report 2022-2023**

<b>Certificate Course on Basics for Competitive Exams</b>	
<b>Organised by Department of Economics</b>	
<b>Date: August 6th to August 26th, 2022</b>	<b>Total Participants / Beneficiaries (in figures) – Total : 100</b>
<b>Resource Person (If any or else NA): Ms. Mansi Gawand</b>	
<div style="text-align: center;"> <p>Assessment Paper Basics of Competitive Exams Department of Economics</p> <p>Marks : 20 <span style="float: right;">Time: 45 Mins.</span></p> </div> <ol style="list-style-type: none"> <li>1. Find out the wrong number in the series: 2880, 480, 92, 24, 8, 4, 4 a. 4 b. 8 c. 24 d. 92</li> <li>2. If 3rd December, 2000 was Sunday, what day was 3rd January 2001? a. Friday b. Thursday c. Wednesday d. Sunday</li> <li>3. Three years ago, the average age of Nandu and Panna was 18 years. With Shubha joining them now their average age became 22 years. How old is Shubha now? a. 27 b. 28 c. 24 d. 25</li> <li>4. Two pipes fill a tank in 10 hours and 12 hours respectively, while a third pipe empties the full tank in 20 hours. If all the three pipes operate simultaneously, in how much time will the tank be filled? a. 7 hrs. b. 8 hrs. c. 7 hrs. 30 minutes d. 8 hrs. 30 min.</li> <li>5. What is the difference between the compound interests on Rs. 5000 for 1.5 years at 4% per annum compounded yearly and half-yearly? a. Rs. 2.04 b. Rs. 3.06 c. Rs. 4.80 d. Rs. 8.30</li> <li>6. Arun, Kamal and Vinay invested Rs. 8000, Rs. 4000 and Rs. 8000 respectively in a business. Arun left after six months. If after eight months, there was a gain of Rs. 4005, then what will be the share of Kamal? a. Rs. 890 b. Rs. 1335 c. Rs. 1602 d. Rs. 1780</li> <li>7. Tickets numbered 1 to 20 are mixed up and then a ticket is drawn at random. What is the probability that the ticket drawn has a number which is a multiple of 3 or 5? a. <math>\frac{2}{5}</math> b. <math>\frac{3}{6}</math> c. <math>\frac{8}{15}</math> d. <math>\frac{9}{20}</math></li> <li>8. What is the square root of 0.16? a. 0.004 b. 0.04 c. 0.4 d. 0.48</li> <li>9. <math>617+6.017+0.617+6.0017=?</math> a. 6.1852 b. 62.154 c. 629.6357 d. 62.15</li> <li>10. <math>49 \times 49 \times 49 \times 49 = ?</math> a. 2 b. 4 c. 8 d. 32</li> </ol>	





**Vishnu Waman Thakur Charitable Trust's**  
**Bhaskar Waman Thakur College of Science.**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts.**  
**(VIVA College)**  
**(Affiliated to University of Mumbai)**



## Brief report

The Department of Economics organized an Add-on Course titled "Basics of Competitive Exams" from August 6th to August 26th, 2022. The primary aim was to equip 100 students from B.com, BMS, and BA with essential skills and knowledge required for various competitive examinations.

## Course Overview:

The course was structured to cover a wide range of topics essential for competitive exam preparation. The curriculum included an introduction to various competitive exams, understanding exam patterns, time management strategies, problem-solving skills, and practical sessions involving mock tests and practice exams.

## Outcomes:

- **Enhanced Knowledge:** Participants gained a comprehensive understanding of the structure and requirements of competitive exams.
- **Improved Skills:** Students developed effective time management, problem-solving, and critical thinking skills crucial for exam success.
- **Increased Confidence:** The course instilled confidence and motivation among students aspiring to excel in competitive examinations.

## Conclusion:



**Vishnu Waman Thakur Charitable Trust's**  
**Bhaskar Waman Thakur College of Science.**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts.**  
**(VIVA College)**  
**(Affiliated to University of Mumbai)**

The Add-on Course on Basics of Competitive Exams was a resounding success. It provided valuable insights and practical skills to the participants, preparing them for the challenges of competitive exams. The active engagement of students and positive feedback indicate the effectiveness of the course in achieving its objectives.

The Department of Economics expresses gratitude to all faculty members, and students for their active participation and contribution to the success of this program.

Ms. Mansi Gawand  
Course Coordinator

Dr. Nilima Bhagwat  
Assistant Professor and Head, Department of Economics

## ASSESSMENT REPORT

2022-2023

<b>Name/ Title of the Programme: Biomathematics and Biostatistics</b>				
<b>Date (DD/MM/YYYY):</b> 10/01/2022		<b>Total Participants / Beneficiaries (in figures) – Total : 32</b> <b>Male:                      Female:</b>		
<b>Resource Person/ Chief Guest (If any or else NA):</b>				
<b>Sr. No.</b>	<b>Name of the Resource Person/ Chief Guest</b>	<b>Affiliation</b>	<b>Mobile Number</b>	<b>Email ID (if available)</b>
<b>Convener of Programme: Mrs Archana Malpathak</b>				
<b>Brief assessment report of programme (in 250 - 300 words)</b>		<p><b>Biomathematics (Biomaths)</b> Biomathematics, or mathematical biology, involves the development and application of mathematical models to understand biological systems and phenomena. This field uses mathematics to explain biological processes, from the molecular and cellular levels to ecosystems and population dynamics. Biomathematics is a highly interdisciplinary area, combining elements of biology, mathematics, physics, and computer science to solve complex biological problems. Examples of applications include modeling population dynamics, disease spread, neural networks, gene regulation, and ecosystem interactions.</p> <p><b>Biostatistics</b> Biostatistics specifically focuses on the application of statistical methods to the collection, analysis, interpretation, and presentation of biological data. Biostatistics is essential in designing biological experiments and clinical trials, analyzing data from these studies, and making evidence-based decisions in medicine and public health. This field addresses questions about health, disease, and genetics by applying statistical principles to data, thus playing a critical role in epidemiology, public health, genomics, and various other medical and health-related research areas.</p>		
<b>News Paper Cutting (if applicable/ or else NA)</b>		<b>NA</b>		

**Q1. What is the null hypothesis in a statistical test?**

- A) A hypothesis that there is no effect or no difference
- B) The hypothesis that the researcher wants to prove
- C) A hypothesis about the population parameter that is assumed to be false
- D) The expected outcome of an experiment

**Q2. Which measure of central tendency is most affected by outliers?**

- A) Mean
- B) Median
- C) Mode
- D) Range

**Q3. What is a Type I error in hypothesis testing?**

- A) Rejecting a true null hypothesis
- B) Failing to reject a false null hypothesis
- C) Accepting the alternative hypothesis when it is false
- D) None of the above

**Q4. The primary goal of statistical inference is to:**

- A) Describe the sample with perfect accuracy
- B) Make predictions about future experiments
- C) Draw conclusions about a population based on sample data
- D) Determine the cause of observed phenomena

**Q5. In the context of biostatistics, a "population" refers to:**

- A) The entire group of individuals living in a country
- B) The set of all possible outcomes in an experiment
- C) The complete set of items that interest the researcher
- D) A group of similar species living in the same area

**Q6. What is the primary goal of mathematical modeling in biology?**

- A) To replace traditional biological experiments
- B) To predict the outcome of biological processes and phenomena
- C) To create visually appealing representations of biological systems
- D) To prove that biological hypotheses are correct without experimental evidence

**Q7. In biomathematics, what does the term 'parameter' refer to?**

- A) A variable that is kept constant during an experiment
- B) A measure of central tendency
- C) A numerical characteristic of a mathematical model
- D) A type of biological specimen

**Q.8 Which mathematical concept is essential for understanding rates of change in biological systems?**

- A) Algebraic geometry
  - B) Differential equations
  - C) Linear algebra
  - D) Discrete mathematics
-

## ASSESSMENT REPORT

2022-2023

<b>Name/ Title of the Programme: Introduction to Commodity Market in india</b>				
<b>Date (DD/MM/YYYY):</b> 27/02/2023		<b>Total Participants / Beneficiaries (in figures) – Total : 31</b> <b>Male:                      Female:</b>		
<b>Resource Person/ Chief Guest (If any or else NA):</b>				
<b>Sr. No.</b>	<b>Name of the Resource Person/ Chief Guest</b>	<b>Affiliation</b>	<b>Mobile Number</b>	<b>Email ID (if available)</b>
<b>Convener of Programme: Miss Kadambari Agaskar</b>				
<b>Brief assessment report of programme (in 250 - 300 words)</b>		<b>The primary objective of the course was to equip students with the fundamental knowledge and skills necessary for commodity and derivatives. Students were assessed through a comprehensive test containing brief questions related to the topics covered in the course. The test aimed to evaluate students' understanding of various aspects of commodity, derivatives, types, MCX etc.</b> <b>Key Findings:</b>  <b>The overall performance of the students in the assessment was good, indicating a strong grasp of the essential concepts related to Commodity and Derivatives.</b>		
<b>News Paper Cutting (if applicable/ or else NA)</b>		<b>NA</b>		

BMS  
Vidya Waman Prabhu Charitable Trusts  
Bhaskar Waman Prabhu College of Science  
Yashwantrao Chavan Path College of Commerce  
Vidya Jayanand Path College of Arts  
Viveka College, Virar (w) 401 303

Sr. No. 01302

Roll No. \_\_\_\_\_  
Date \_\_\_\_\_  
Class \_\_\_\_\_  
Division \_\_\_\_\_  
Student ID \_\_\_\_\_  
Supervisor's Name \_\_\_\_\_  
Signature and Date \_\_\_\_\_

1 / B / III / IV SEMESTER / ATKT / ADDITIONAL / INTERNAL EXAM 20

Subject \_\_\_\_\_ Paper No. \_\_\_\_\_ Date: 25/02/2023

\* Final Exam of add-on course of  
Introduction to Commodity Markets in India

Answer the following (20 Marks)

1. Briefly describe the participants of Commodity Market.
2. Describe factors which influence investing in Commodity Market.
3. Describe various types of Derivatives.
4. Describe various types of commodities which can be traded in Commodity & Derivative market.
5. Describe MCX.

BMS  
Vidya Waman Prabhu Charitable Trusts  
Bhaskar Waman Prabhu College of Science  
Yashwantrao Chavan Path College of Commerce  
Vidya Jayanand Path College of Arts  
Viveka College, Virar (w) 401 303

Sr. No. 01003

Roll No. \_\_\_\_\_  
Date \_\_\_\_\_  
Class \_\_\_\_\_  
Division \_\_\_\_\_  
Student ID \_\_\_\_\_  
Supervisor's Name \_\_\_\_\_  
Signature and Date \_\_\_\_\_

1 / B / III / IV SEMESTER / ATKT / ADDITIONAL / INTERNAL EXAM 20

Subject \_\_\_\_\_ Paper No. \_\_\_\_\_ Date: \_\_\_\_\_

\* Assessment Report of Add-on Course conducted on 25/02/2023 on Introduction to Commodity Markets in India

Roll No.	Marks	Roll No.	Marks
05	16	52	12
08	14	59	07
09	10	70	13
13	18	71	11
14	12	75	16
17	17	78	18
24	15	79	12
27	13	85	12
28	12	99	15
31	12	100	08
32	16	101	18
34	15		
36	19		
42	17		
43	16		
44	11		
48	09		
49	08		
50	18		



Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
 (VIVA College)

### Assessment Report

**“Data Science (Basic Module)”**

**(CERTIFICATE COURSE)**

**Department of Information technology- Computer Science-Data science**

**Date:**

**24/04/2023-29/04/2023**

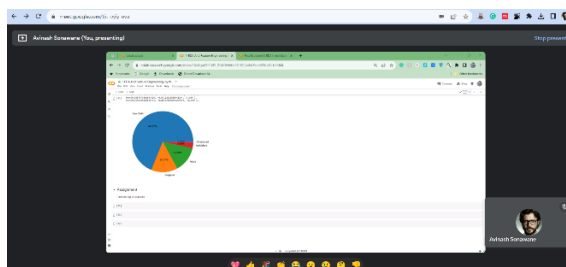
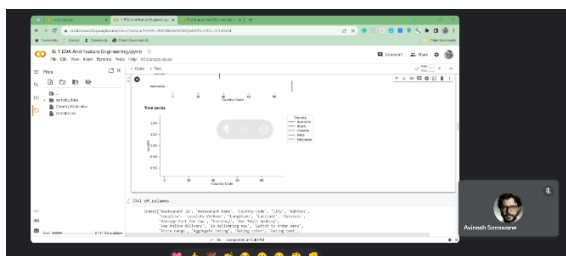
**Total Participants / Beneficiaries (in figures) –**

**Total : 359**

**Resource Person/ Chief Guest (If any or else NA):**

Sr. No.	Name of the Resource Person/ Chief Guest	Affiliation	Mobile Number
	Dr.Sampada Deshmukh	HOD(IT)	9970390504
	Mrs.Jagruti Raut	HOD(CS)	9028298175
	Ms.Shweta Yande	HOD(DS)	9975857573

### Photographs







Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
 (VIVA College)

<p style="text-align: center;"><b>Certificate Course</b>          (Department of I.T C.S &amp; D.S)  <b>Data Science (Basic Module)</b>  <u>Assignment</u></p> <p><b>Unit 1</b></p> <ol style="list-style-type: none"> <li>1. What is Data Science ? How does it work, explain with the diagrammatic representation.</li> <li>2. Give one example of real life usage of data science systems.</li> <li>3. Explain the role of major components of data science</li> <li>4. "Data Science industry is witnessing a boom" Explain the fact by giving example of any one of the top industry players of data science.</li> <li>5. What Challenges are being faced by Data Science ?</li> </ol> <p><b>Unit 2</b></p> <ol style="list-style-type: none"> <li>1. What is data analysis? List the types of data analysis and explain any one with the real-life example.</li> <li>2. Explain basic commands in Python with syntax and suitable example.</li> <li>3. What is meant by descriptive statistics in python? show pandas with Descriptive Statistics in Python.</li> <li>4. Analyze the distribution of a given dataset: Choose a dataset and explore its distribution using visualizations such as histograms, box plots, and density plots. Describe the shape, center, and spread of the distribution, and discuss any outliers or patterns that you observe.</li> <li>5. Explore the impact of outliers: Choose a dataset and analyze how outliers affect the distribution and summary statistics of the data. Remove outliers and compare the results to the original dataset, discussing any significant differences or changes in the conclusions you can draw.</li> </ol> <p><b>Unit 3</b></p> <ol style="list-style-type: none"> <li>1. Why is Data Visualization so Important in Data Science? Explain with the help of an example.</li> <li>2. List different types of data visualization. Explain any one type with help of diagrammatic representation.</li> <li>3. Explain Bivariate Analysis Techniques for Data Visualization in detail.</li> <li>4. What are data visualization Tools? Explain any two in detail.</li> <li>5. Explain Power BI in detail with its use in the real world.</li> </ol>	<p>Country-Code.xlsx</p> <p>Data Science Certified Course Assignment .docx</p> <p>zomato.csv</p>
---	--

### Brief report

In the academic year 2022-23 Department of Information technology- Computer Science-Data science introduced certificate courses for the students in addition to the curriculum. for assessment of "Data Science (Basic Module)"

Assessment is in 2 mode. One is Assignments which Students have to Solve on their own machine and Submit in Google Classroom and Another is Online exam through Google Form

- On 15th May 2023, students took an examination on the first unit of Basic Data Science.
- On 16th May 2023, students sat for another examination covering the second unit of Basic Data Science.
- Finally, on 17th May 2023, students completed the third and final unit of Basic Data Science.

Overall, the three-day series of examinations provided valuable feedback regarding student comprehension levels across different areas within Basic Data Science. While many students excelled at certain aspects, there is room for improvement in others.

<b>Dr. V. S. Adigal</b>	<b>Dr. Sampada Deshmukh</b>	<b>Mrs. Jagruti Raut</b>	<b>Ms. Shweta Yande</b>
Principal	HOD(IT)	HOD(CS)	HOD(DS)



Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
(VIVA College)

### Assessment Report

## Advanced Techniques of Accommodation

VIVA College Department of Hotel & Tourism Management

**Date:** 1st Feb 2023 to 18th Feb 2023

**Total Participants / Beneficiaries (in figures) –**  
84 students (10 females and 74 males)

**Resource Person/ Chief Guest (If any or else NA):** Mr. Prasad Patil



### Brief report

The Department of **Hotel & Tourism Management** at **VIVA College** conducted a successful certificate course on Advanced Techniques of Accommodation, designed to enhance the capabilities of students in understanding contemporary hospitality.

### Assessment of the course included the following:

Advance Technic Flower Arrangement.

Linen Origami.

Risk & Environmental Management

Grooming Standards and Personality Development

**Mrs. Kirti Chalke**  
Course coordinator

**Mr. Vaibhav Patil**  
Head of Department

## ASSESSMENT REPORT

2022-2023

Name/ Title of the Programme: Aquascaping and Freshwater Aquarium Management				
Date (DD/MM/YYYY): 10/01/2023		Total Participants / Beneficiaries (in figures) – Total : 70 Male: Female:		
Resource Person/ Chief Guest (If any or else NA):				
Sr. No.	Name of the Resource Person/ Chief Guest	Affiliation	Mobile Number	Email ID (if available)
Convener of Programme: Miss Sonal Salvi				
Brief assessment report of programme (in 250 - 300 words)		<p>The primary objective of the course was to equip students with the fundamental knowledge and skills necessary for effectively managing fish tanks through the principles of aquascaping. Students were assessed through a comprehensive test containing multiple-choice questions (MCQs) related to the topics covered in the course. The test aimed to evaluate students' understanding of various aspects of fish tank management, including water quality maintenance, plant care, fish compatibility, and design principles.</p> <p><b>Key Findings:</b></p> <p><b>Understanding of Aquatic Ecosystems:</b> The majority of students demonstrated a solid understanding of the concepts related to aquatic ecosystems, including the nitrogen cycle, water parameters, and the importance of biological filtration.</p> <p><b>Plant Care and Maintenance:</b> Students exhibited proficiency in identifying aquatic plants and understanding their care requirements, such as lighting, CO2 supplementation, and nutrient dosing.</p> <p><b>Fish Selection and Compatibility:</b> Most students were able to identify suitable fish species for different tank sizes and environments, considering factors like temperament, water parameters, and compatibility with other tank inhabitants.</p> <p><b>Design Principles:</b> Students showed a satisfactory grasp of aquascaping design principles.</p> <p>The overall performance of the students in the assessment was commendable, indicating a strong grasp of the essential concepts and techniques of aquascaping.</p>		
News Paper Cutting (if applicable/ or else NA)		NA		

SR . NO.	QUESTIONS	A	B	C	D	ANSWER
1	In _____ fishes females can store sperms for later fertilization and may produce young every four weeks. Pregnant females are recognizable by black triangle between anal and pelvic fins.	<i>Poecilia reticulata</i>	<i>Xiphophorus helleri</i>	<i>Xiphophorus maculatus</i>	<i>Poecilia velifera</i>	<i>Poecilia reticulata</i>
2	_____ fish is an inch and a half in length. What this fish lacks in size, it makes up for in color.	<i>Pterophyllum spp</i>	<i>Symphysodon spp.</i>	<i>Neon tetra fish</i>	<i>Flower horn fish</i>	<i>Neon tetra fish</i>
3	_____ which one of the following fish has been banned for importation in Australia. have a lifespan of 10–12 years. They are usually kept at a water temperature of 80–85 °F, and a pH of 7.4–8.0	<i>Pterophyllum spp</i>	<i>Symphysodon spp.</i>	<i>Neon tetra fish</i>	<i>Flower horn fish</i>	<i>Flower horn fish</i>
4	Which one of the following options is considered as “beautiful warrior”?	daniofish	bettafish	angelfish	goldfish	bettafish
5	Which one of the following is a mistakenly believed to be a brackish water fish, and while they are highly adaptable to salt water conditions, they prefer a freshwater environment?	molly fish	tangerine fish	platy fish	swordtail fish	molly fish
6	Which one of the species is distinguished by having a medium to large swordtail with a long straight caudal appendage?	molly fish	tangerine fish	platy fish	swordtail fish	swordtail fish
7	Which one of the following option is a live brearer fish?	Siamese fighter fish	Discus fish	Danio fish	Platy fish	Platy fish
8	Which one of the following option is not a live brearer fish?	tangerine fish	guppy fish	molly fish	angel fish	angel fish
9	_____ like plants that grow in the tank, such as Pothos, and spend much of their time hiding or playing among the roots.	Siamese fighter fish	Discus fish	Danio fish	Platy fish	Platy fish
10	_____ fishes should be kept in a filtered, heated aquarium with ample room for decorations and to swim around at a temperature between 76° and 84° F.	daniofish	bettafish	siamese fighter fish	goldfish	siamese fighter fish
11	Scientific name of Striped catfish is _____.	<i>Pangasiandon hypophthalmus</i>	<i>Clarius fish</i>	<i>Pterophyllum spp</i>	<i>Symphysodon spp.</i>	<i>Pangasiandon hypophthalmus</i>
12	_____ undertake lateral migrations from the larger water bodies, in which they feed and mature at about the age of 12 months, to temporarily flooded marginal areas in order to breed.	<i>Clarius fish</i>	<i>Pangasiandon hypophthalmus</i>	<i>Heteropneustes sps.</i>	<i>Anabas species</i>	<i>Clarius fish</i>
13	_____ species is benthopelagic, typically living within the ranges of pH 6.5-7.5 and 22-26 °C.	<i>Pangasiandon hypophthalmus</i>	<i>Clarius fish</i>	<i>Pterophyllum spp</i>	<i>Symphysodon spp.</i>	<i>Pangasiandon hypophthalmus</i>
14	_____ can breed as often as every 30 days.	Siamese fighter fish	Discus fish	Danio fish	Platy fish	Platy fish
15	_____ have a lifespan of 10–12 years. They are usually kept at a water temperature of 80–85 °F, and a pH of 7.4–8.0.	<i>Pterophyllum spp</i>	<i>Symphysodon spp.</i>	<i>Neon tetra fish</i>	<i>Flower horn fish</i>	<i>Flower horn fish</i>
16	The life cycle of _____ is intimately tied to the annual monsoon flood cycle, with spawning taking place in May - June at the start of the monsoon season.	<i>Pangasiandon hypophthalmus</i>	<i>Tilapia fish</i>	<i>Pterophyllum spp</i>	<i>Clarius fish</i>	<i>Pangasiandon hypophthalmus</i>
17	The _____ fish has attracted a cult following of collectors and has created a multimillion dollar international industry complete with shows, competitions, and reputed online breeders.	daniofish	bettafish	angelfish	discus fish	discus fish
18	In which of the following stage, <i>M.rosenbergii</i> are whitish, grey and brownish in colour ?	larval	post larval	juvenile	adult	post larval
19	Select the accurate reason which slows the shell hardening process in <i>M. rosenbergii</i> .	acidic water or a lack of calcium	alkaline water or a lack of calcium	acidic water or a lack of copper	alkaline water or a lack of iron	acidic water or a lack of calcium
20	Which is the right size for <i>M.rosenbergii</i> at its 1st stage zoeae ?	0.1mm	1mm	1.5mm	2mm	2mm
21	Which one of the following temperature range is optimum for <i>M. rosenbergii</i> to under go metamorphosis ?	20-30 degree Celcius	23-40 degree Celcius	28-31 degree Celcius	30-40 degree Celcius	28-31 degree Celcius
22	In <i>M.rosenbergii</i> ,the females lays _____ number of eggs	5 -10 eggs	50 - 100 eggs only	5,000 -1,00,000 eggs	5,00,000 -1,00,00,000 eggs	5,000 - 1,00,000 eggs
23	Which one of the following is <i>Symphysodon</i> spp.?	discus fish	danio fish	goldfish	platy fish	discus fish
24	_____ is native to the Amazon Basin in Peru, Colombia, and Brazil	danio fish	platy fish	angelfish	goldfish	angelfish
25	Angel fish belong to _____ spp.	<i>Pterophyllum</i>	<i>Danio</i>	<i>Betta splendens</i>	<i>Symphysodon</i>	<i>Pterophyllum</i>



Vishnu Waman Thakur Charitable Trust's  
Bhaskar Waman Thakur College of Science  
Yashvant Keshav Patil College of Commerce  
Vidhya Dayanand Patil College of Arts  
(VIVA College)  
**ASSESSMENT REPORT(2022-23)**

<b>Name/ Title of the Programme: <u>Basic Course on e-Return Filing, GST</u></b>				
<b>Date (DD/MM/YYYY): Date &amp; Time: 18<sup>th</sup> Aug., to 3<sup>rd</sup> Oct., 2023</b>		<b>Total Participants / Beneficiaries (in figures) – Students: 108 Department – Self Finance</b>		
<b>Resource Person/ Chief Guest (If any or else NA):</b>				
<b>Sr. No.</b>	<b>Name of the Resource Person/ Chief Guest</b>	<b>Affiliation</b>	<b>Mobile Number</b>	<b>Email ID (if available)</b>
1.	<b>Dr. Audrin Colaco</b>	Assistant Professor	9221715821	audrin.colaco@vivacollege.org
2.	<b>Ms. Bhakti Purandare</b>	Assistant Professor	9767537708	bhakti.purandare@vivacollege.org
3.	<b>Ms. Kalpana Jain</b>	Assistant Professor	7021781794	kalpana.jain@vivacollege.org
4.	<b>Ms. Megha Naik</b>	Assistant Professor	9890841794	megha.naik@vivacollege.org
5.	<b>Ms. Surekha Bhargav</b>	Assistant Professor	8087396512	surekha.bhargav@vivacollege.org
6.	<b>Ms. Ashwini Gurav</b>	Assistant Professor	9689482097	ashwinigurav@vivacollege.org
<b>Conveners of Programme: Dr. Audrin Colaco</b>				
<b>photographs:</b>				



**Vishnu Waman Thakur Charitable Trust's  
Bhaskar Waman Thakur College of Science  
Yashvant Keshav Patil College of Commerce  
Vidhya Dayanand Patil College of Arts  
(VIVA College)**



**Brief report of programme**

The Basic Course on e-Return Filing, GST course for students covers fundamental concepts of Goods and Services Tax, including its principles, regulations, and practical applications. Students gain insights into tax compliance, filing procedures, and understanding the impact of GST on various sectors. The course aims to equip them with the knowledge necessary for navigating the complexities of GST in professional settings. Students will be able to file personal e-Return for Income Tax. Students will be able to file GSTR online. The course Basic Course on e-Return Filing, GST was conducted by the professors of the college.


**Signature of Convener/s**





Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
 (VIVA College)  
 (NAAC ACCREDITED-'B' Grade, CGPA 2.69)

### Assessment Report

<b>Basics of bar and alcoholic beverages</b>	
<b>Department of Hotel &amp; Tourism Management</b>	
<b>Date: 27th March 2023</b>	<b>Total Participants / Beneficiaries (in figures) – Total : 84</b>
<b>Resource Person/ Chief Guest (If any or else NA): NA</b>	
	
<b>Brief report</b> The Department of hotel and tourism management at VIVA College conducted a successful certificate course on alcoholic beverages and cocktails. Assessment of the course included the following: Theoretical knowledge of Alcoholic beverages. practicals knowledge of wines and wine service. Practical knowledge of preparation of various cocktails.	

  
**Shrikant Dharne**  
 Course coordinator

  
**Mr. Vaibhav Patil**  
 Head, department of Botany



Vishnu Waman Thakur Charitable  
Trust's Bhaskar Waman Thakur College  
of Science Yashvant Keshav Patil College  
of Commerce Vidhya Dayanand Patil  
College of Arts (VIVA College)

**ASSESSMENT  
REPORT(2022-23)**

<b>Name/ Title of the Programme: <u>Basics interview of Skills</u></b>				
<b>Date (DD/MM/YYYY): Date &amp; Time: 18<sup>th</sup> Aug., to 3<sup>rd</sup> Oct., 2023</b>		<b>Total Participants / Beneficiaries (in figures) – Students: 103 Department – Self Finance</b>		
<b>Resource Person/ Chief Guest (If any or else NA):</b>				
<b>Sr. No.</b>	<b>Name of the Resource Person/ Chief Guest</b>	<b>Affiliation</b>	<b>Mobile Number</b>	<b>Email ID (if available)</b>
1.	<b>Dr. Roshani Nagar</b>	Assistant Professor	7021647737	Roshani.nagar@vivacollege.org
2.	<b>Prof. Rashmi Gurunani</b>	Assistant Professor	9890592756	Rashmi.gurunani@vivacollege.org
3.	<b>Prof. Aaradhana Singh</b>	Assistant Professor	9594078914	Aaradhna.singh@vivacollege.org
4.	<b>Prof. Madhura Surve</b>	Assistant Professor	8788169617	Madhura.surve@vivacollege.org
5.	<b>Prof. Neha Tambe</b>	Assistant Professor	9730443215	Nehatambe@vivacollege.org
6.	<b>Prof. Neha Maheshwari</b>	Assistant Professor	9527209277	Nehamaheshwari@vivacollege.org
<b>Conveners of Programme: Dr. Roshani Nagar</b>				
<b>photographs:</b>				





Vishnu Waman Thakur Charitable  
Trust's Bhaskar Waman Thakur College  
of Science Yashvant Keshav Patil College  
of Commerce Vidhya Dayanand Patil  
College of Arts (VIVA College)

Kindly Paste (2 –4 photographs) with proper details:



**Brief report of programme**

The "Resume Building" short-term course was conducted to equip degree college students with the necessary skills and knowledge to create effective and impactful resumes. The course aimed to enhance students' understanding of resume writing, formatting, and tailoring to specific job roles or industries. This report assesses the effectiveness and outcomes of the course.

The "Resume Building" short-term course was highly effective as Talent acquisition manager ms Bobby Rathore from the company called "Dream Sports" personally came and conducted one to one interview sessions with the students.

And also conducted some group discussion, debates and interactive sessions. The success of this course underscores the importance of practical and skill-based learning in preparing students for their professional careers.

**Signature of Convener/s**

## ASSESSMENT REPORT

2022-2023

Name/ Title of the Programme: Biostatistics Excelerator : A Hand -On Journey				
Date (DD/MM/YYYY): 06/02/2023		Total Participants / Beneficiaries (in figures) – Total : 48 Male:                      Female:		
Resource Person/ Chief Guest (If any or else NA):				
Sr. No.	Name of the Resource Person/ Chief Guest	Affiliation	Mobile Number	Email ID (if available)
Convener of Programme: Mr Kaustubh Jadhav				
Brief assessment report of programme (in 250 - 300 words)		<p>The objective of the assessment was to evaluate students' comprehension and application of concepts taught in the Data Presentation and Visualization course, focusing on topics such as data visualization techniques, probability theory, and the application of the chi-square test.</p> <p>Students were assessed through quizzes administered at the end of each session, covering the material presented during that session. These quizzes were designed to gauge students' understanding of key concepts.</p> <p><b>Key Findings:</b></p> <p><b>Understanding of Data Visualization Techniques:</b> The majority of students demonstrated a strong understanding of various data visualization techniques, including bar charts, line graphs, scatter plots, and heat maps. They were able to interpret visualized data effectively to derive meaningful insights.</p> <p><b>Proficiency in Probability Theory:</b> Students exhibited competency in basic probability theory, including calculating probabilities, understanding conditional probability, and applying probability distributions such as the binomial and normal distributions to real-world scenarios.</p> <p><b>Application of Chi-Square Test:</b> Most students showed proficiency in applying the chi-square test to analyze categorical data and assess the independence of variables. They were able to interpret the results of the test and draw conclusions based on the observed data.</p> <p>The overall performance of the students in the assessment was commendable, indicating a solid grasp of the concepts and techniques covered in the course. They demonstrated the ability to effectively present and visualize data, apply probability theory to solve problems.</p>		
News Paper Cutting (if applicable/ or else NA)		NA		





Vishnu Waman Thakur Charitable Trust  
Bhaskar Waman Thakur College of Science  
Yashvant Keshav Patil College of Commerce  
Vidhya Dayanand Patil College of Arts  
VIVA COLLEGE, Virar (W)



**DEPARTMENT OF FILM, TELEVISION AND NEW MEDIA**  
**PRODUCTION**

**ADD ON COURSE ASSESSMENT Feb-2023**

**FILM APPRECIATION- I**

In the film appreciation-I add-on course, the **Discussion method** was used for assessing our understanding and appreciation of films. This method, rooted in pedagogical theories such as constructivism and social constructivism, fosters an environment where knowledge is actively built through collaborative exchanges.

Through the lens of constructivism, Student discussions are seen as a means to construct new understanding by linking new information to existing knowledge. In our discussions, we not only share our perspectives but also draw connections between the films we study and our personal experiences or other works of art. This process of connecting ideas helps Teachers and Students deepen understanding and appreciation of the cinematic art form.

Furthermore, the discussion method aligns with social constructivism, which emphasizes the importance of social interaction in learning.

In our discussions, we engage in dialogue with our peers and the teacher, presenting diverse viewpoints and challenging each other's assumptions. This collaborative exchange not only enhances our critical thinking skills but also helps us develop a richer, more nuanced understanding of the films we analyze.

Overall, the discussion method in our film appreciation course served as a dynamic platform for exploring, analyzing, and interpreting films, ultimately enriching our cinematic literacy and appreciation.

**Rubrics for Assessment**

No.	Units for assessing	Topics for assessing
1	Story/ Theme Narrative Depth: Exploring Cinematic Storytelling and Themes	Narrative structures in film Themes and motifs in film Symbolism and allegory in film Character development and arc

	(10 marks)	Plot devices and narrative techniques
2	Film Theories Cinematic Discourse: Theoretical Frameworks in Film Studies (10 marks)	Auteur theory, Formalism and realism Genre theory, Realism, Surrealism, Modernism, Postmodernism Cultural Studies, Postcolonial Film Theory, Semiotics, Narrative Theory, Feminist Film Theory, Marxist Film Theory, Expressionism, New Wave, Modernist Film, Soviet Montage Theory, New Hollywood, Italian Neorealism, German Expressionism, French New Wave, Poetic Realism, etc.
3	Auteurship Auteur Theory: Examining Directorial Authorship in Film (10 marks)	Definition and history of auteur theory Auteurs and their body of work Authorship in collaborative filmmaking Critiques and controversies of auteur theory Modern interpretations of auteurism
4	Sound The Soundtrack of Cinema: A Study in Film Sound Design (10 marks)	Elements of film sound (dialogue, music, sound effects) Sound editing and mixing Foley and sound effects creation Music in film: score vs. soundtrack Sound design in narrative and experimental film
5	Edit Seamless Narratives: The Art of Film Editing (10 marks)	History and evolution of film editing Continuity editing and montage Editing for rhythm and pacing Special effects and digital editing Experimental editing techniques
6	Impact Cinematic Influence: The Societal Impact of Film (10 marks)	Film as a reflection of society Film's role in shaping cultural norms and values Political and social impact of film Film censorship and regulation Globalization and cross-cultural influence in film

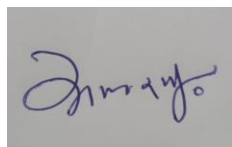
7	Subjective thinking Perspectives in Film: The Role of Subjectivity in Interpretation (10 marks)	Subjectivity vs. objectivity in film criticism Psychological and emotional responses to film Personal interpretation and meaning- making in film Cultural and contextual influences on film interpretation The ethics of subjective thinking in film analysis
8	Student attendance (30 marks)	As per daily attendance (75%)

### Final Assessment Chart of students (roll-no wise)

#### Aggregate marks for discussion sessions

Roll no:	01	02	03	04	05	06	07	08	09	10	11	12
Story/ Theme	8	7	8	9	9	8	7	8	7	8	9	9
Film Theories	5	6	7	5	5	6	6	5	5	6	5	6
Auteurship	5	6	6	6	7	5	7	6	6	7	5	7
Sound	9	9	8	8	9	8	9	8	9	9	9	9
Edit	9	9	9	9	9	9	8	8	9	9	9	9
Impact	9	9	9	9	9	9	9	9	9	9	9	9
Subjective thinking	9	9	9	9	9	9	9	9	9	9	9	9
Attendance	25	25	25	25	25	25	25	25	25	25	25	25

**Remark:** Students were struggling with auteur theory and film theory so they were properly explained about those topics



H.O.D. Sameer Rane  
FTNMP



Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
(VIVA College)

(NAAC ACCREDITED-'B' Grade, CGPA 2.69)

### Assessment Report

**Skill Development Certificate Course on Fundamentals of Food Production & Patisserie**

**VIVA College Department of Hotel & Tourism Management**

**Date: 01/09/22- 31/09/22**

**Total Participants / Beneficiaries (in figures) –  
Total : 98**

**Resource Person/ Chief Guest (If any or else NA) : Namrata Kharkandi, Sameer Korgaonkar, Sagar Vaze.**



**Brief report**

The Department of Hotel & Tourism management at VIVA College conducted a successful certificate course on Fundamentals of Food production & Patisserie, designed to enhance participants' skills in Cake making, middle eastern Cuisine, charcuterie, Chocolate, making, plate presentation assessment of the course included the following

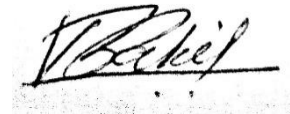
Different types of Icing, how to use various tools,

Preparation & Presentation of charcuterie products,

Tempering & molding of chocolate, selection of plates for presentation placement of Various elements on the plate, color combinations checked by Department of Hotel & Tourism Management (VIVA College)



**Namrata Kharkandi**  
Course coordinator



**Vaibhav Patil**  
Head, department of Botany





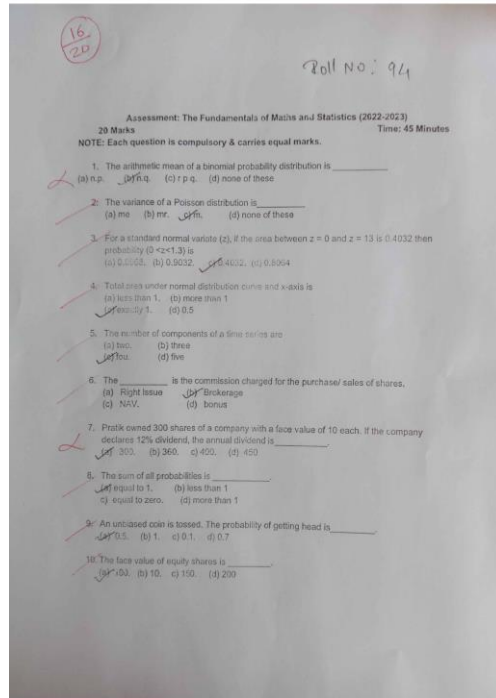
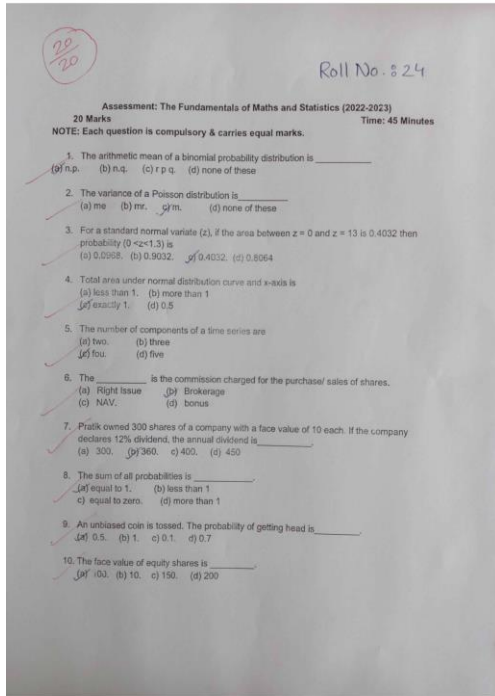
**Vishnu Waman Thakur Charitable Trust's**  
**Bhaskar Waman Thakur College of Science.**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts.**  
**(VIVA College)**  
**(Affiliated to University of Mumbai)**

**Assessment Report 2022-2023**

<b>Certificate Course on Fundamentals of Maths and Statistics</b>	
<b>VIVA College of Commerce in association with the Department of Maths and Statistics .</b>	
<b>Date: 09-09-2022 to 01-10-2022</b>	<b>Total Participants / Beneficiaries (in figures) – Total : 663</b>
<b>Resource Person/ Chief Guest (If any or else NA): Mrs. Dipashree Vartak and Mrs. Madhu Sharma</b>	
<div><p><b>Assessment: The Fundamentals of Maths and Statistics (2022-2023)</b> <b>20 Marks</b> <span style="float: right;"><b>Time: 45 Minutes</b></span> <b>NOTE: Each question is compulsory &amp; carries equal marks.</b></p><ol style="list-style-type: none"><li>The arithmetic mean of a binomial probability distribution is _____. (a) <math>n.p</math>. (b) <math>n.q</math>. (c) <math>r.p.q</math>. (d) none of these</li><li>The variance of a Poisson distribution is _____. (a) <math>me</math> (b) <math>mr</math>. (c) <math>m</math>. (d) none of these</li><li>For a standard normal variate (<math>z</math>), if the area between <math>z = 0</math> and <math>z = 13</math> is 0.4032 then probability (<math>0 &lt; z &lt; 1.3</math>) is _____. (a) 0.0968. (b) 0.9032. (c) 0.4032. (d) 0.8064</li><li>Total area under normal distribution curve and x-axis is _____. (a) less than 1. (b) more than 1 (c) exactly 1. (d) 0.5</li><li>The number of components of a time series are _____. (a) two. (b) three (c) four. (d) five</li><li>The _____ is the commission charged for the purchase/ sales of shares. (a) Right Issue (b) Brokerage (c) NAV. (d) bonus</li><li>Pratik owned 300 shares of a company with a face value of 10 each. If the company declares 12% dividend, the annual dividend is _____. (a) 300. (b) 360. (c) 400. (d) 450</li><li>The sum of all probabilities is _____. (a) equal to 1. (b) less than 1 (c) equal to zero. (d) more than 1</li><li>An unbiased coin is tossed. The probability of getting head is _____. (a) 0.5. (b) 1. (c) 0.1. (d) 0.7</li><li>The face value of equity shares is _____. (a) 100. (b) 10. (c) 150. (d) 200</li></ol></div>	



**Vishnu Waman Thakur Charitable Trust's**  
**Bhaskar Waman Thakur College of Science.**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts.**  
**(VIVA College)**  
**(Affiliated to University of Mumbai)**



### Brief report

The course was attended by 663 participants including 347 males and 316 female student participants. The assessment was carried out through, written exercise. The certificate program Fundamentals of Maths and Statistics focused on the students who were taught the basic knowledge of Maths as well as statistics, focusing on the students who opted out Maths subject. The assessment was conducted for 20 marks with MCQs and regularity and punctuality carried 5 Marks. Consistency in attending classes, Positive attitude towards learning, collaboration, and problem-solving. The certificates were issued to students by department on successful completion of course. The participants have shown commendable progress throughout the course. The overall commitment to learning and positive attitudes are noteworthy, providing a strong foundation for future educational endeavors.

**Course Coordinator**  
**Dipashree Vartak**

**HOD of Commerce**  
**Dr. Rakhee Oza**

# Assessment Report 2022-2023

## Certificate Course on “Human Rights ”

**VIVA College of Arts in association with the Department of Political Science and History**

**Date: 3/08/2022-22/08/2022**

**Total Participants / Beneficiaries (in figures)**  
**– Total : 100**

**Resource Person/ Chief Guest (If any or else NA):**

**Ms. Vijaya Shirsat, Ms. Janhavi Naik, Dr. Dipali Choudhary, Dr. Ishita Majumdar, Mr. Komal Patil.**



Vishnu Waman Thakur Charitable Trust's  
Bhaskar Waman Thakur College of Science  
Yashvant Keshav Patil College of Commerce  
Vidhya Dayanand Patil College of Arts  
(VIVA College)

## Human Rights Test

DATE : 26/08/2022 TIME : 10am- 11.00 am

Student Name : \_\_\_\_\_ Marks 100

Class : \_\_\_\_\_ Roll no \_\_\_\_\_

Student Sign \_\_\_\_\_ Teacher Sign \_\_\_\_\_

NB: Each question carries 1 mark.  
Tick the correct answer.

1) Which of the following is the first charter of Human's rights?

- a) Bill of rights
- b) Constitution of media
- c) The Cyrus cylinder
- d) None of the above

2) Who played an important role in international human rights law?

- a) Economic summit
- b) World War
- c) The United Nations
- d) None of the above

3) Who adopted the landmark document, the universal declaration of human rights?

- a) UNESCO  
b) UNICEF  
c) UNO  
d) None of the above

4) When was the universal declaration of human rights adopted by the UNO?

- a) 10th December 1946  
b) 10th December 1947  
c) 10<sup>th</sup> December 1949  
d) 10th December 1948

5) Who was the first chairman of the commission on human rights?

- a) Thomas Jefferson
- b) Thomas Paine
- c) Eleanor Roosevelt
- d) None of the above

6) The Universal declaration of human rights was adopted under whose chairmanship?


- a) Adolf Hitler  
b) Jawaharlal Nehru  
c) Eleanor Roosevelt  
d) None of the above

7) How many articles are there in the Universal Declaration of human rights?

- a) 15  
b) 30  
c) 25  
d) 35

8) In which of the following year, the declaration of the rights of the child passed by the UN?

- a) 1949  
b) 1959  
c) 1969  
d) None of the above


**Vishnu Waman Thakur Charitable Trust's**  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
**(VIVA College)**


**Human Rights Test**

DATE : 26/08/2022  
 Student Name : Shaikh Muskan  
 Class : SYBA (MAR) Roll no : 16  
 Student Sign : [Signature] Teacher Sign : [Signature]

TIME : 10am-11.00 am  
 Marks 100  
78  
100

NB: Each question carries 1 marks.  
Tick the correct answer.

- Which of the following is the first charter of Human's rights?
  - Bill of rights ✓
  - Constitution of media ✗
  - The Cyrus cylinder
  - None of the above
- Who played an important role in international human rights law?
  - Economic summit
  - World War 02 ✓
  - The United Nations ✓
  - None of the above
- Who adopted the landmark document, the universal declaration of human rights?
  - UNESCO
  - UNICEF 02 ✓
  - UNO ✓
  - None of the above


**Vishnu Waman Thakur Charitable Trust's**  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
**(VIVA College)**

**Human Rights Test**

DATE : 26/08/2022  
 Student Name : Ambedkar Sukanya  
 Class : SYBA (MAR) Roll no : 02  
 Student Sign : [Signature] Teacher Sign : [Signature]

TIME : 10am-11.00 am  
 Marks 100  
80  
100

NB: Each question carries 1 marks.  
Tick the correct answer.

- Which of the following is the first charter of Human's rights?
  - Bill of rights ✓
  - Constitution of media
  - The Cyrus cylinder ✗
  - None of the above
- Who played an important role in international human rights law?
  - Economic summit
  - World War
  - The United Nations ✓ 02
  - None of the above
- Who adopted the landmark document, the universal declaration of human rights?
  - UNESCO
  - UNICEF
  - UNO ✓ 02
  - None of the above

## Brief report

The Human Rights (Basic Concept) course aimed to equip students with a profound understanding of human rights principles and their relevance in contemporary society. The course objectives included grasping the essence of human rights, comprehending the noble policies of the Indian Constitution, and recognizing the interplay between fundamental rights and constitutional guidelines. Additionally, students were expected to appreciate the significance of human rights in daily life, fostering a vision for a welfare state and providing justice to marginalized sections.

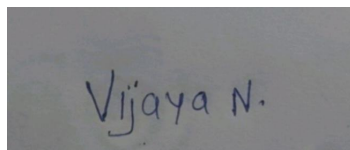
The assessment methodology comprised MCQ-type papers and practical applications through presentations and dissertations. The MCQ papers, consisting of 50 questions with a total of 100 marks, evaluated students' understanding of theoretical concepts, legal frameworks, and case studies

related to human rights. The presentations and dissertations, covering topics such as social justice, equality, and freedom of speech, assessed critical thinking and research skills.

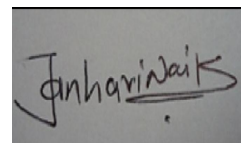
Overall, the assessment process offered a comprehensive evaluation of students' knowledge, analytical capabilities, and communication skills in the field of human rights. The successful completion of the course by all 100 students reflects their commitment to promoting human rights principles. The assessments not only measured academic achievement but also nurtured critical thinking and advocacy skills necessary for addressing global human rights issues. With their acquired knowledge and skills, students are now poised to serve as informed advocates for human rights in their respective fields and communities.



**Course Coordinator**





**HOD of Political Science**



**HOD of History**



**Vishnu Waman Thakur Charitable Trust's  
Bhaskar Waman Thakur College of Science  
Yashvant Keshav Patil College of Commerce  
Vidhya Dayanand Patil College of Arts  
(VIVA College)  
ASSESSMENT REPORT**

<b>Name/ Title of the Programme: <u>Lab techniques in water Quality Analysis</u></b>				
<b>Date:</b> September 2023		<b>Total Participants / Beneficiaries (in figures) – Total: 116</b> Male: 59      Female: 57		
<b>Resource Person/ Chief Guest (If any or else NA):</b>				
<b>Sr. No.</b>	<b>Name of the Resource Person/ Chief Guest</b>	<b>Affiliation</b>	<b>Mobile Number</b>	<b>Email ID (if available)</b>
1.	<b>Dr. Arti Dubey</b>	VIVA College	9930680799	dr.artidubey@vivacollege.org
2.	<b>Dr. Promila Nagpal</b>	VIVA College	7219547572	promila.nagpal@vivacollege.org
<b>Conveners of Programme: Ms. Seema Jadhav</b>				
<b>photographs:</b>				
<div style="display: flex; justify-content: space-around;">   </div>				





Vishnu Waman Thakur Charitable Trust's  
Bhaskar Waman Thakur College of Science  
Yashvant Keshav Patil College of Commerce  
Vidhya Dayanand Patil College of Arts  
(VIVA College)

**Brief report of programme**

The course was attended by 116 participants including 59 male and 57 female student participants. The assessment was carried out through, oral viva-voce, and practical assignments. The assessment covered the following key aspects:  
Remembering and Understanding (oral viva-vice) (25 mark)  
Participants' ability to recall and comprehend course content.  
Analytical applied Skills(Experiment): (20 mark)  
Application of critical thinking to solve problems.  
Regularity and punctuality : (5 mark)  
Consistency in attending classes, Positive attitude towards learning, collaboration, and problem-solving.  
The certificates were issued to students by department on successful completion of course.  
The participants have shown commendable progress throughout the course. The overall commitment to learning and positive attitudes are noteworthy, providing a strong foundation for future educational endeavours.

**Practical assessment question paper.**

Volumetric Exercise- Total hardness in well water	
(Total Marks : 20)	
You are given a sample of well water for determining the total hardness.	
<b>Instructions :</b> Prepare 0.01 M EDTA solution in the 100 cm <sup>3</sup> standard volumetric flask. Take 10 cm <sup>3</sup> of the supplied well water sample. Add 2 to 3 cm <sup>3</sup> of buffer solution ( pH = 10 ), and Eriochrome Black T as an indicator. Titrate the solution against 0.01 M EDTA solution. Present your results in the following form in your answer-book.	
<b>Results :</b>	
1]	10 cm <sup>3</sup> of the supplied sample of well water required = _____ cm <sup>3</sup> of 0.01 M EDTA solution.
2]	The total hardness of the supplied sample of well water = _____ ppm of CaCO <sub>3</sub> .



*Gyadhay*

Signature of Convener/s



Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science,**  
**Yashvant Keshav Patil College of Commerce,**  
**Vidhya Dayanand Patil College of Arts,**  
**VIVA College**

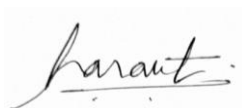
Assessment Report

<b>LABPRO</b> <b>(CERTIFICATE COURSE)</b>			
<b>Department of Physics in association with VIVA COLLEGE</b>			
<b>Date:</b> November-December (2022)	<b>Total Participants / Beneficiaries (in figures) –</b> Total : 30                      Male: 8                      Female: 22		
<b>Resource Person/ Chief Guest (If any or else NA):</b>			
<b>Sr. No.</b>	<b>Name of the Resource Person/ Chief Guest</b>	<b>Affiliation</b>	<b>Mobile Number</b>
1.	Dr. Hemangi Raut		9323012987
<b>Photographs</b>			
			



**Brief report**

In the academic year 2022-23 Department of Physics introduced Certificate Course for the students in addition to the Curriculum. The course was successfully completed in the month of November-December. Duration of the course was 30 hours. Curriculum was set and delivered by the in-house faculty. Mode of the delivery of the course was offline in the VIVA College Physics laboratory. On the completion of the course, evaluation test was conducted and certificate was issued. The Evaluation test was conducted in the form of viva-voce based on the experiments practically performed individually by the students. Study of Vernier Calliper, Micrometer, Spherometer- How to take measurement on the instrument, Spectrometer- how to handle the instrument, use in Lab, precaution to take, skills used for Travelling microscope, Electronics Balance, Study of Power supplies, Dual power supply, Batteries used in Lab.





**Course coordinator**





**Vishnu Waman Thakur Charitable Trust's  
Bhaskar Waman Thakur College of Science  
Yashvant Keshav Patil College of Commerce  
Vidhya Dayanand Patil College of Arts  
(VIVA College)**

### Assessment report

<b>Name/ Title of the Programme: Fundamentals of Microbiology Techniques</b>				
<b>Date(DD/MM/YYYY):</b> Batch 01 - 3 Sept 2021, Batch 02 - Nov 2021, Batch 03 - Jan 2022 Batch 04 - Mar 2022		<b>Total Participants / Beneficiaries (in figures) – Total : 100</b>		
<b>Resource Person/ Chief Guest :</b>				
<b>Sr. No.</b>	<b>Name of the Resource Person/ Chief Guest</b>	<b>Affiliation</b>	<b>Mobile Number</b>	<b>Email ID (if available)</b>
1.	Mr. Vinodkumar Didwana	Assistant Professor, VIVA College	9673236800	vinodkumardidwana@vivacollege.org
2.	Ms. Tanvi Bore	Assistant Professor, VIVA College	9765878999	tanvi.bore@vivacollege.org
3.	Mr. Sunil Jaisawar	Assistant Professor, VIVA College	9665767059	suniljaiswar@vivacollege.org
<b>Kindly Paste (2 –4 photographs) with proper details :</b>				
<div style="display: flex; justify-content: space-around; align-items: center;">   </div>				
<b>Brief report of programme (in 250 -300 words)</b>		<p>The course was attended by 100 students. The assessment was carried out through, oral viva-voce, and practical assignments.</p> <p>The assessment covered the following key aspects:</p> <ul style="list-style-type: none"> <li>Remembering and Understanding (oral viva-voce) (25 marks) Participant's ability to recall and comprehend course content.</li> <li>Microbiological Skills(Experiment): (20 marks) Application of critical thinking to solve problems.</li> <li>Regularity and punctuality : (5 marks) Consistency in attending classes, Positive attitude towards learning, collaboration, and problem-solving.</li> </ul> <p>The participants have shown commendable progress throughout the course. The overall commitment to learning and positive attitudes are noteworthy, providing a strong foundation for future educational endeavors. Students were provided with certificates after successfully completing the course and also their oral feedback was taken regarding the course.</p>		

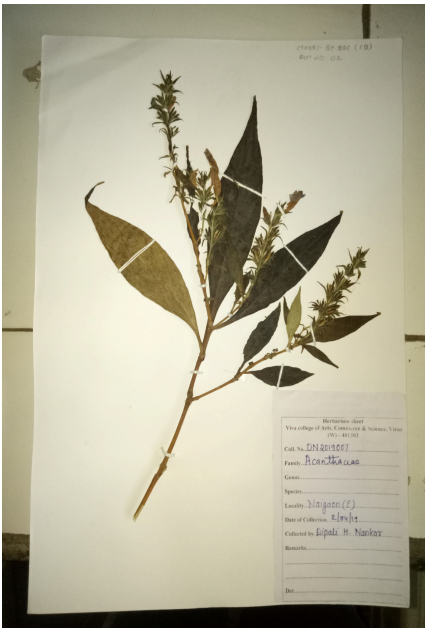
*VSDidwana*

**Signature of HOD**



Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
 (VIVA College)  
 (NAAC ACCREDITED-'B' Grade, CGPA 2.69)

### Assessment Report

<b>Skill Development Certificate Course on Make your own Herbarium</b>	
<b>VIVA College Herbarium (VCH) in association with the Department of Botany.</b>	
<b>Date: 10 January-15 February 2020</b>	<b>Total Participants / Beneficiaries (in figures) – Total : 76</b>
<b>Resource Person/ Chief Guest (If any or else NA): Hensal Rodrigues</b>	
	
<b>Brief report</b> VIVA College's Department of Botany successfully provided a certificate program in herbarium making, which improved participants' abilities to gather and preserve plant specimens. The Department of Botany at VIVA College conducted a successful certificate course on Herbarium Making, designed to enhance participants' skills in plant specimen collection and preservation. Assessment of the course included the following, Collection of Plant material Drying and pressing of Plant material Preparation of Herbarium sheet/s and deposition at VCH (VIVA College Herbarium)	

  
**Hensal Rodrigues**  
 Course coordinator



  
**Deepa Verma**  
 Head, department of Botany



**Vishnu Waman Thakur Charitable Trust's  
Bhaskar Waman Thakur College of Science  
Yashvant Keshav Patil College of Commerce  
Vidhya Dayanand Patil College of Arts  
(VIVA College)**

## ASSESSMENT REPORT SHIKATO MARATHI

certificate course A.Y 2022-2023

Name of the certificate course:	Shikato Marathi Certificate Course
Date: 01 <sup>st</sup> January 2023 to 20 <sup>th</sup> January 2023	Total Participants : 100 students (54 males and 46 females)
	
Name of the teachers who conducted the lectures:	<p>Syllabus drafted by:</p> <ol style="list-style-type: none"> <li>1. Ms. Kavita Patil</li> <li>2. Mr. Mahesh Jagtap</li> <li>3. Mr. Pravin Patil</li> </ol> <p>Course conducted by:</p> <ol style="list-style-type: none"> <li>1. Ms. Kavita Patil</li> <li>2. Mr. Mahesh Jagtap</li> <li>3. Mr. Pravin Patil</li> </ol>
Brief Assesment report of Certificate Course ( in 250 -300 words)	<p>This program shall emphasize communicative competence in Marathi listening, speaking, and understanding skills.</p> <p>Understand and use familiar everyday expressions and very simple sentence which relate to concrete needs. Proficiency in script, elementary language structures and basic communication skills.</p>

	<p>Even though we use Marathi language in daily life, it is very important to have knowledge of English language in educational level and further in workplace. This course was started with this goal in mind.</p> <p>Through this course, not only the knowledge of the students about the language was revised, but also they were properly guided about their mistakes, fears and misunderstandings about the language.</p> <p>Marathi language is the mother tongue of many of these students. Many of these students have learned through English and many of them are from Marathi families, but because of their education in English, writing in pure Marathi and reading Marathi fluently is a challenge for many students. But by understanding their problems, special emphasis was given on how to make them proficient in Marathi language as well.</p> <p>For this they were given some assignments which were very important to improve their grammar and language. In this course, the children were given the necessary knowledge to use the language in daily life as well as in practice. Efforts were also made at various levels to make them more fond of the language.</p> <p>In this course students can get valuable knowledge about Marathi language, it is very useful for their academic as well as personal growth.</p>
Assesment Method :	<a href="https://drive.google.com/file/d/1a6l6TIn2j3OPMDryvh8h5wele0ve-usk/view?usp=drive_link">https://drive.google.com/file/d/1a6l6TIn2j3OPMDryvh8h5wele0ve-usk/view?usp=drive_link</a>




Mrs. Kavita Patil  
Course Coordinator



Ms. Shahin Mahida  
HOD BAMMC Dept

## ASSESSMENT REPORT ON ADD ON COURSE

<b>Name/ Title of the Programme:</b> Add-On certificate Course in Spoken English for Communication Skill				
<b>Date (DD/MM/YYYY):</b> 03-01-2023 to 19-01-2023		<b>Total Participants / Beneficiaries (in figure)- 100</b>		
<b>Male:</b>		<b>Female:</b>		
<b>Resource Person/ Chief Guest/Judge (If any or else NA):</b>				
Sr. No.	Name of the Resource Person/ Chief Guest/ Judge	Affiliation	Mobile Number	Email ID (if available)
1.	Dr. Vidya Verma	HOD, Department of English, VIVA College, Virar.		vidyaverma@vivacollege.org
2.	Dr. Zeba Siddiqui	Assistant Professor, Department of English, VIVA College, Virar		zebasiddique@vivacollege.org
<b>Convener of Programme: Dr Vidya Verma &amp; Dr. Zeba Siddiqui</b>				
<b>Kindly Paste (2 –4 photographs) with proper details:</b>				
 <p style="text-align: center; font-size: small;">Vishnu Waman Thakur Charitable Trust's BHASKAR WAMAN THAKUR COLLEGE OF SCIENCE YASHVANT KESHAV PATIL COLLEGE OF COMMERCE VIDHYA DAYANAND PATIL COLLEGE OF ARTS (VIVA COLLEGE) Affiliated to University of Mumbai</p> <p style="text-align: center;"><b>Add On Course on Spoken English for Communication Skills</b> <b>Test Question Paper</b> Time- 9.00 to 10.00      1 Hour      Marks-100 Year- 2022-2023</p> <ul style="list-style-type: none"> <li>All Questions are compulsory</li> <li>All Question Carry Equal Marks</li> </ul> <p style="text-align: right;">Name: _____ Class: _____ Roll No _____</p> <p><b>1. Diagonal communication is also known as (2 marks)</b> (A) Cross-ward communication (B) Horizontal communication (C) Vertical communication (D) Any of the above</p> <p><b>2. Which of the following is most perishable (2 marks)</b> (A) Book (B) Magazine (C) Newspaper (D) All of the above</p> <p><b>3. In communication, the interpretation of the Message depends upon (2 marks)</b> (A) The context (B) Transmission speed (C) Associated noise (D) Channel efficiency</p> <p><b>4. Which of these must be avoided for Effective communication (2 marks)</b> (A) Sharing of activity (B) Listening</p>		<p>(D) Communication creates a shared symbolic environment</p> <p><b>12. Interaction inside the classroom should Generate</b> (A) Argument (B) Information (C) Ideas (D) Controversy</p> <p><b>13. Effective communication is essentially a</b> (A) One-way process (B) Both a one-way and a two-way process (C) Two-way process (D) Three-way process</p> <p><b>14. Someone is telling you about an accident They've had. How would you react</b> (A) Look pleased (B) Look behind you (C) Look concerned (D) None of these</p> <p><b>15. Which of the following can be the major Communication barriers to online teaching A. Technology, B. Legalities, C. Student Community, D. Culture, E. Gender</b> (A) A, B, and C only (B) A, D, E only (C) B, C, and D only (D) C, D, E only</p> <p><b>16. Using your whole body to communicate is Called what</b> (A) Miming (B) Body language (C) Sign language (D) Exuberant communication</p> <p><b>17. Any style must convey moral truth</b> (A) True (B) False (C) It can be true or false (D) None of these</p> <p><b>18. What is the term used to describe the Emotion or feeling in your voice</b> (A) Effect (B) Verbal communication (C) Tone (D) Sarcasm</p>		



- (C) Ambiguity
- (D) Politeness

5. Why do we send emails (2 marks)

- (A) To reach on time
- (B) To share documents and files
- (C) To talk to each other
- (D) To meet each other

6. The effectiveness of communication is usually decided based on (2 marks)

- (A) Quality of feedback
- (B) Sender's intention and criteria
- (C) Economic use of the medium
- (D) Simplicity of message

7. Which of the following are considered The Semantic barriers in formal Communication

- (A) Organizational rules and regulations and policies of the organization
- (B) Attitude of the superiors toward subordinates and Prejudice
- (C) Distrust of superiors towards subordinates and Inattention
- (D) Problem of language and absence of clarity and precision in the subject

8. What are the barriers to effective Communication (2 marks)

- (A) Moralising, being judgemental, and Comments of consolation.
- (B) Dialogue, summary, and self-review.
- (C) Use of simple words, cool reaction, And defensive attitude.
- (D) Personal statements, eye contact, and Simple narration.

9. Communication problems are otherwise Known as (2 marks)

- (A) Enquire
- (B) Barriers
- (C) Encoding
- (D) Decoding

10. The exchange of ideas between two or more Persons is (2 marks)

- (A) Understanding
- (B) Telling
- (C) Communication
- (D) Speaking

11. Denis McQuail defines communication as a process that increases commonality but also requires elements of commonality for it to occur at all. Which of the following cannot be a logical, reasonable inference of this definition

- (A) Communication depends on culture located at various levels
- (B) Sender is more important for the process of communication
- (C) Communication introduces a change in sender and receiver

19. Which of the following is the purpose of The transmitter

- (A) Converts signals to electric form
- (B) Operating the received signal
- (C) Converting the signal into a suitable form
- (D) Reduces noise from signals

20. What is AIDA Marketing Communication stands for

- (A) Attraction – Information – Development -Application
- (B) Attention – Information -Dialogue Action
- (C) Attention – Interest – Desire -Action
- (D) Attitude – Inspiration – Desire – Action

21. Which of these are to be avoided in any Style of writing

- (A) Truth
- (B) Clarity
- (C) Compassion
- (D) Dishonesty

22. Which among the following can be an Input to a transmitter

- (A) Voice signal
- (B) Electric signal
- (C) Light signal
- (D) Wave signal

23. What is Verbal Communication

- (A) Talking to someone
- (B) When someone is talking and someone else is listening
- (C) When more than one person is talking
- (D) Use verbal noises to show you are listening like "Uh huh"

24. Dedication to a particular work is called

- (A) Confidence
- (B) Commitment
- (C) Intelligence
- (D) Integrity

25. In a communication system noise is most likely to affect the signal

- (A) At the transmitter
- (B) In the channel
- (C) At the receiver
- (D) Both 2 and 3

26. The word communication is derived from

- (A) Communicare
- (B) Communicate

49. Depth, interviews are known as (2 marks)

- (A) Board interview
- (B) One-on-one interview
- (C) Two-on-two interview
- (D) All of the above

50. A good presenter should take a well (2 marks)

- (A) Good physical appearance
- (B) Dressing well
- (C) Speak louder
- (D) Visual aids





- (C) 52%  
(D) 93%

42. What is communication without words (2 marks)

- (A) There is no communication without Words  
(B) Non-verbal communication  
(C) Telepathy  
(D) Sign language

43. How many elements are essential for any Communication system (2 marks)

- (A) 3  
(B) 2  
(C) 4  
(D) 7

44. Find the odd one out (2 marks)

- (A) Radio  
(B) Telephone  
(C) Television  
(D) Computer networking

45. The main purpose of modulation is to (2 marks)

- (A) Combine two waves of different frequencies  
(B) Achieve wave shaping of the carrier wave  
(C) Transmit low-frequency information over long distances efficiently  
(D) Reduce sidebands

46. Video conferencing interviews (2 marks)

- (A) Are not used often  
(B) Are More Expensive Because of The Equipment  
(C) Can be cost-efficient for employers when interviewing out-of-town candidates  
(D) Are Used in 90 percent of first interviews

47. When rehearsing a presentation, it is helpful to recognize and prevent (2 marks)

- (A) Possible questions from the X audience  
(B) Possible gestures  
(C) Fillers such as umm and ahh  
(D) Criticism from friends in

48. Which of the following is the most appropriate to wear to an interview (2 marks)

- (A) Business casual  
(B) Dressy  
(C) Bright-coloured and modern style  
(D) Professional style

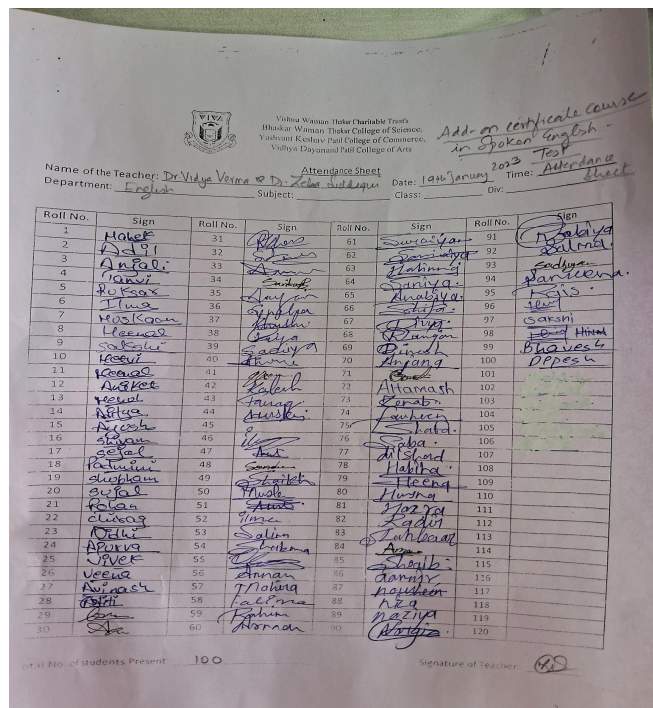


Notice:

**Brief report of programme (in 250 -300 words)**

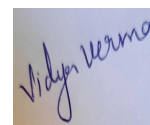
The English Department of VIVA College Of Arts, Mumbai, Virar, organized Add-On certificate course for all the degree students of BA, Bcom, and Bsc. In the Spoken English Communication Skills course, students were taught basic day to day relevant conversations, detailed grammar usage, pronunciations and sentence formation techniques. Students were given various activities. The method of assessment was multiple choice questions on grammar usage and pronunciation. The students were given 50 multiple choice questions in the class and were asked to solve all the questions in



	<p>one hour. The course was conducted in the Library Reading Room of VIVA College. Dr. Vidya Verma, H.O.D. English and Course-coordinator Dr. Zeba Siddiqui, Dept. of English were professor in charge, was responsible for the completion of course. Nearly 100 students from all the departments participated in the course. The function was concluded by giving away certificates to the successful candidates.</p>
News Paper Cutting (if applicable/ or else NA)	NA
Attendance Sheet (PDF format - student signature-in case of events conducted offline; student list with link of recording for events conducted Online)	
Event Recording Link	



Signature of Coordinator





Signature of HOD





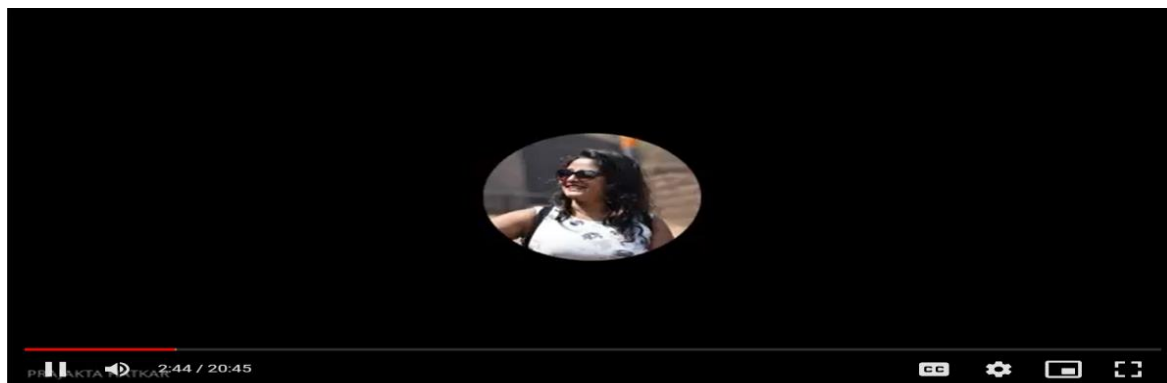
Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
(VIVA College)  
**(NAAC ACCREDITED-'B' Grade, CGPA 2.69)**

**Assessment Report**

<b>Python Programming (CERTIFICATE COURSE)</b>			
<b>“Python Programming” by Department of IT CS</b>			
<b>Date:</b> 08/11/2021-19/11/2021		<b>Total Participants / Beneficiaries (in figures) – 49</b>	
<b>Resource Person/ Chief Guest (If any or else NA):</b>			
<b>Sr. No.</b>	<b>Name of the Resource Person/ Chief Guest</b>	<b>Affiliation</b>	<b>Mobile Number</b>
1.	Dr.Sampada Deshmukh	HOD(IT)	9970390504
2.	Mrs.Jagruti Raut	HOD(CS)	9028298175
3.	Ms.Shweta Yande		9975857573
4.	Mrs.Prajakta Hatkar		8149720019
5.	Ms.Harshali Mankar		7666524825
<b>Photographs</b>			
			






Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
(VIVA College)



### Brief report

In the academic year 2020-21, the Department of IT and CS at the institution introduced certificate courses for students in addition to the curriculum. For the assessment of Python Programming, the students were given an exam in the form of Viva Voce, which was conducted online due to the corona pandemic on November 20, 2021.




		
<b>Dr.A.P. Pandey</b>	<b>Dr.Sampada Deshmukh</b>	<b>Mrs.Jagruti Raut</b>
<b>I/C Principal</b>	<b>HOD(IT)</b>	<b>HOD(CS)</b>



Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
(VIVA College)  
(NAAC ACCREDITED-'B' Grade, CGPA 2.69)

### Assessment Report

<b>Certificate Course on Investment Analysis, Portfolio Planning &amp; Wealth Management</b>	
<b>Department of Management Studies</b>	
<b>Date: 27/12/2021 to 03/03/2022</b>	<b>Total Participants / Beneficiaries (in figures) – Total : 48</b>
<b>Resource Person/ Chief Guest (If any or else NA): Padma Chari &amp; Delcy Lopes</b>	

 Certificate Course - IAPM - Final Exam  

Questions Responses **41** Settings Total points: 10

### Certificate Course - IAPM - Final Exam

Form description

Email \*

Valid email

This form is collecting emails. [Change settings](#)

Name of Students \*

Short answer text

Class \*

Short answer text

Roll No. \*



Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
(VIVA College)  
(NAAC ACCREDITED-'B' Grade, CGPA 2.69)

Contact No. \*

Short answer text

\_\_\_\_\_ Planning deals with allocation of assets , tax advisory and retirement planning.

- ☐ Investment planning
- ☐ Cash flow Management
- ☐ Personal planning

\_\_\_\_\_ code of ethics means attaining & maintaining an adequate level of knowledge & skill.

- ☐ Objectivity
- ☐ Competence
- ☐ Independence



Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
(VIVA College)  
(NAAC ACCREDITED-'B' Grade, CGPA 2.69)

\_\_\_\_\_ is the risk of being unable to sell your investment at a fair price and get your money out when you want to.

- ☐ Liquidity risk
- ☐ Credit Risk
- ☐ Reinvestment Risk

\_\_\_\_\_ type of investor seeks to protect capital and somewhat concerned when this does not occur.

- ☐ Conservative
- ☐ Balanced
- ☐ Growth

\_\_\_\_\_ means pledge your house with a bank to receive income from the bank regularly for set period of time.

### Brief report

VIVA College's Department of Management successfully provided a certificate program on Investment Analysis, Portfolio Planning & Wealth Management. Total 48 students from various streams such as Arts, Commerce & Science enrolled for this Course. This course began on 27/12/2021 with Orientation of Course. 21 Lectures were conducted and after the end of every module 20 marks test were conducted. At the end of the course 100 marks final exam was held on 03/03/ 2022.


**Padma Chari**  
Course coordinator

**Nitin Kulkarni**  
Head, department of Accountancy



Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
(VIVA College)  
(NAAC ACCREDITED-'B' Grade, CGPA 2.69)

### Assessment Report

<b>Advanced Techniques of Accommodation</b>	
<b>VIVA College Department of Hotel &amp; Tourism Management</b>	
<b>Date:</b> 8th Feb 2022 to 26th Feb 2022	<b>Total Participants / Beneficiaries (in figures) –</b> 63 students ( 14 females and 49 males)
<b>Resource Person/ Chief Guest (If any or else NA): Ms. Priyanka Khandekar</b>	
	
<b>Brief report</b> The Department of <b>Hotel &amp; Tourism Management</b> at <b>VIVA College</b> conducted a successful certificate course on Advanced Techniques of Accommodation, designed to enhance the capabilities of students in understanding contemporary hospitality.	
<b>Assessment of the course included the following:</b> Advance Technic Flower Arrangement. Linen Origami. Risk & Environmental Management Grooming Standards and Personality Development	

Mrs. Kirti Chalke  
Course coordinator

Mr. Vaibhav Patil  
Head of Department



## ASSESSMENT REPORT

2021-2022


<b>Name/ Title of the Programme: Aquascaping and Freshwater Aquarium Management</b>				
<b>Date (DD/MM/YYYY):</b> 10/01/2022		<b>Total Participants / Beneficiaries (in figures) – Total : 32</b> <b>Male:                      Female:</b>		
<b>Resource Person/ Chief Guest (If any or else NA):</b>				
<b>Sr. No.</b>	<b>Name of the Resource Person/ Chief Guest</b>	<b>Affiliation</b>	<b>Mobile Number</b>	<b>Email ID (if available)</b>
<b>Convener of Programme: Miss Sonal Salvi</b>				
<b>Brief assessment report of programme (in 250 - 300 words)</b>		<p>The primary objective of the course was to equip students with the fundamental knowledge and skills necessary for effectively managing fish tanks through the principles of aquascaping. Students were assessed through a comprehensive test containing multiple-choice questions (MCQs) related to the topics covered in the course. The test aimed to evaluate students' understanding of various aspects of fish tank management, including water quality maintenance, plant care, fish compatibility, and design principles.</p> <p><b>Key Findings:</b></p> <p><b>Understanding of Aquatic Ecosystems:</b> The majority of students demonstrated a solid understanding of the concepts related to aquatic ecosystems, including the nitrogen cycle, water parameters, and the importance of biological filtration.</p> <p><b>Plant Care and Maintenance:</b> Students exhibited proficiency in identifying aquatic plants and understanding their care requirements, such as lighting, CO2 supplementation, and nutrient dosing.</p> <p><b>Fish Selection and Compatibility:</b> Most students were able to identify suitable fish species for different tank sizes and environments, considering factors like temperament, water parameters, and compatibility with other tank inhabitants.</p> <p><b>Design Principles:</b> Students showed a satisfactory grasp of aquascaping design principles.</p> <p>The overall performance of the students in the assessment was commendable, indicating a strong grasp of the essential concepts and techniques of aquascaping.</p>		
<b>News Paper Cutting (if applicable/ or else NA)</b>		NA		

SR . NO.	QUESTIONS	A	B	C	D	ANSWER
1	In _____ fishes females can store sperms for later fertilization and may produce young every four weeks. Pregnant females are recognizable by black triangle between anal and pelvic fins.	<i>Poecilia reticulata</i>	<i>Xiphophorus helleri</i>	<i>Xiphophorus maculatus</i>	<i>Poecilia velifera</i>	<i>Poecilia reticulata</i>
2	_____ fish is an inch and a half in length. What this fish lacks in size, it makes up for in color.	<i>Pterophyllum spp</i>	<i>Symphysodon spp.</i>	<i>Neon tetra fish</i>	<i>Flower horn fish</i>	<i>Neon tetra fish</i>
3	which one of the following fish has been banned for importation in Australia. have a lifespan of 10–12 years. They are usually kept at a water temperature of 80–85 °F, and a pH of 7.4–8.0	<i>Pterophyllum spp</i>	<i>Symphysodon spp.</i>	<i>Neon tetra fish</i>	<i>Flower horn fish</i>	<i>Flower horn fish</i>
4	Which one of the following options is considered as “beautiful warrior”?	daniofish	bettafish	angelfish	goldfish	bettafish
5	Which one of the following is a mistakenly believed ato be a brackish water fish, and while they are highly adaptable to salt water conditions, they prefer a freshwater environment?	molly fish	tangerine fish	platy fish	swordtail fish	molly fish
6	Which one of the species is distinguished by having a medium to large swordtail with a long straight caudal appendage?	molly fish	tangerine fish	platy fish	swordtail fish	swordtail fish
7	Which one of the following option is a live brearer fish?	Siamese fighter fish	Discus fish	Danio fish	Platy fish	Platy fish
8	Which one of the following option is not a live brearer fish?	tangerine fish	guppy fish	molly fish	angel fish	angel fish
9	_____ like plants that grow in the tank, such as Pothos, and spend much of their time hiding or playing among the roots.	Siamese fighter fish	Discus fish	Danio fish	Platy fish	Platy fish
10	_____ fishes should be kept in a filtered, heated aquarium with ample room for decorations and to swim around at a temperature between 76° and 84° F.	daniofish	bettafish	siamese fighter fish	goldfish	siamese fighter fish
11	Scientific name of Striped catfish is _____.	<i>Pangasiandon hypophthalmus</i>	<i>Clarius fish</i>	<i>Pterophyllum spp</i>	<i>Symphysodon spp.</i>	<i>Pangasiandon hypophthalmus</i>
12	_____ undertake lateral migrations from the larger water bodies, in which they feed and mature at about the age of 12 months, to temporarily flooded marginal areas in order to breed.	<i>Clarius fish</i>	<i>Pangasiandon hypophthalmus</i>	<i>Heteropneustes sps.</i>	<i>Anabas species</i>	<i>Clarius fish</i>
13	_____ species is benthopelagic, typically living within the ranges of pH 6.5-7.5 and 22-26 °C.	<i>Pangasiandon hypophthalmus</i>	<i>Clarius fish</i>	<i>Pterophyllum spp</i>	<i>Symphysodon spp.</i>	<i>Pangasiandon hypophthalmus</i>
14	_____ can breed as often as every 30 days.	Siamese fighter fish	Discus fish	Danio fish	Platy fish	Platy fish
15	_____ have a lifespan of 10–12 years. They are usually kept at a water temperature of 80–85 °F, and a pH of 7.4–8.0.	<i>Pterophyllum spp</i>	<i>Symphysodon spp.</i>	<i>Neon tetra fish</i>	<i>Flower horn fish</i>	<i>Flower horn fish</i>
16	The life cycle of _____ is intimately tied to the annual monsoon flood cycle, with spawning taking place in May - June at the start of the monsoon season.	<i>Pangasiandon hypophthalmus</i>	<i>Tilapia fish</i>	<i>Pterophyllum spp</i>	<i>Clarius fish</i>	<i>Pangasiandon hypophthalmus</i>
17	The _____ fish has attracted a cult following of collectors and has created a multimillion dollar international industry complete with shows, competitions, and reputed online breeders.	daniofish	bettafish	angelfish	discus fish	discus fish
18	In which of the following stage, <i>M.rosenbergii</i> are whitish, grey and brownish in colour ?	larval	post larval	juvenile	adult	post larval
19	Select the accurate reason which slows the shell hardening process in <i>M. rosenbergii</i> .	acidic water or a lack of calcium	alkaline water or a lack of calcium	acidic water or a lack of copper	alkaline water or a lack of iron	acidic water or a lack of calcium
20	Which is the right size for <i>M.rosenbergii</i> at its 1st stage zoeae ?	0.1mm	1mm	1.5mm	2mm	2mm
21	Which one of the following temperature range is optimum for <i>M. rosenbergii</i> to under go metamorphosis ?	20-30 degree Celcius	23-40 degree Celcius	28-31 degree Celcius	30-40 degree Celcius	28-31 degree Celcius
22	In <i>M.rosenbergii</i> ,the females lays _____ number of eggs	5 -10 eggs	50 - 100 eggs only	5,000 -1,00,000 eggs	5,00,000 -1,00,00,000 eggs	5,000 - 1,00,000 eggs
23	Which one of the following is <i>Symphysodon</i> spp.?	discus fish	danio fish	goldfish	platy fish	discus fish
24	_____ is native to the Amazon Basin in Peru, Colombia, and Brazil	danio fish	platy fish	angelfish	goldfish	angelfish
25	Angel fish belong to _____ spp.	<i>Pterophyllum</i>	<i>Danio</i>	<i>Betta splendens</i>	<i>Symphysodon</i>	<i>Pterophyllum</i>



Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
 (VIVA College)  
 (NAAC ACCREDITED-'B' Grade, CGPA 2.69)

### Assessment Report

Basics of bar and alcoholic beverages	
Department of Hotel & Tourism Management	
Date: 15th February, 2021	Total Participants / Beneficiaries (in figures) – Total : 66
Resource Person/ Chief Guest (If any or else NA): NA	
	
<b>Brief report</b> The Department of hotel and tourism management at VIVA College conducted a successful certificate course on alcoholic beverages and cocktails. Assessment of the course included the following: Theoretical knowledge of Alcoholic beverages. practicals knowledge of wines and wine service. Practical knowledge of preparation of various cocktails.	



  
**Shrikant Dharne**  
 Course coordinator

  
**MR. VAIBHAV PATIL**  
 Head, department of Botany



**Late Shri Vishnu Waman Thakur Charitable Trust's**  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
**(VIVA College)**  
**(Affiliated to University of Mumbai)**  
**(NAAC ACCREDITED-'B' Grade, CGPA 2.69)**

**Assessment report**

<b>Name/ Title of the Programme: Certificate Course on Chromatography Techniques</b>				
<b>Date(DD/MM/YYYY):</b> Batch 01 - Sept 2021, Batch 02 - Nov 2021, Batch 03 - Jan 2022 Batch 04 - Mar 2022		<b>Total Participants / Beneficiaries (in figures) – Total : 25+25+25+25= 100</b>		
<b>Resource Person/ Chief Guest :</b>				
<b>Sr. No.</b>	<b>Name of the Resource Person/ Chief Guest</b>	<b>Affiliation</b>	<b>Mobile Number</b>	<b>Email ID (if available)</b>
1.	Dr. Deepa Verma	Assistant Professor, VIVA College	9766663740	deepaverma@vivacollege.org
2.	Mr. Vinodkumar Didwana	Assistant Professor, VIVA College	9673236800	vinodkumardidwana@vivacollege.org
<b>Kindly Paste (2 –4 photographs) with proper details :</b>				
<div style="display: flex; justify-content: space-around; align-items: center;">   </div>				
<div style="display: flex;"> <div style="flex: 1; border-right: 1px solid black; padding-right: 10px;"></div> <div style="flex: 2; padding-left: 10px;"> <p>The course was attended by 100 students There were a total of 4 batches.</p> <p>The assessment was carried out through, oral viva-voce, and practical assignments.</p> <p>The assessment covered the following key aspects:</p> <ul style="list-style-type: none"> <li>● Remembering and Understanding (oral viva-voce) (25 marks)</li> <li>Participant's ability to recall and comprehend course content.</li> <li>● Analytical applied Skills(Experiment): (20 marks)</li> <li>Application of critical thinking to solve problems.</li> <li>● Regularity and punctuality : (5 marks)</li> </ul> <p>Consistency in attending classes, Positive attitude towards learning, collaboration, and problem-solving.</p> <p>Students were provided with certificates after successfully completing the course and also their oral feedback was taken regarding the course.</p> </div> </div>				

Signature of Convener/s

Signature of Coordinator



Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
 (VIVA College)

(NAAC ACCREDITED-'B' Grade, CGPA 2.69)

### Assessment Report

<b>Skill Development Certificate Course on Fundamentals of Food Production &amp; Patisserie</b>	
<b>VIVA College Department of Hotel &amp; Tourism Management</b>	
<b>Date: 01/08/21- 31/08/21</b>	<b>Total Participants / Beneficiaries (in figures) – Total : 76</b>
<b>Resource Person/ Chief Guest (If any or else NA) : Namrata Kharkandi, Sameer Korgaonkar, Sagar Vaze.</b>	
<div style="display: flex; justify-content: space-around; align-items: center;">   </div>	

**Brief report**

The Department of Hotel & Tourism management at VIVA College conducted a successful certificate course on Fundamentals of Food production & Patisserie, designed to enhance participants' skills in Cake making, middle eastern Cuisine, charcuterie, Chocolate, making, plate presentation assessment of the course included the following

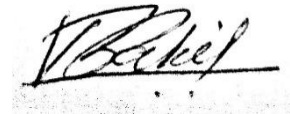
Different types of Icing, how to use various tools,

Preparation & Presentation of charcuterie products,

Tempering & molding of chocolate, selection of plates for presentation placement of Various elements on the plate, color combinations checked by Department of Hotel & Tourism Management (VIVA College)



**Namrata Kharkandi**  
Course coordinator



**Vaibhav Patil**  
Head, department of Botany



**Vishnu Waman Thakur Charitable Trust's**  
**Bhaskar Waman Thakur College of Science.**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts.**  
**(VIVA College)**  
**(Affiliated to University of Mumbai)**

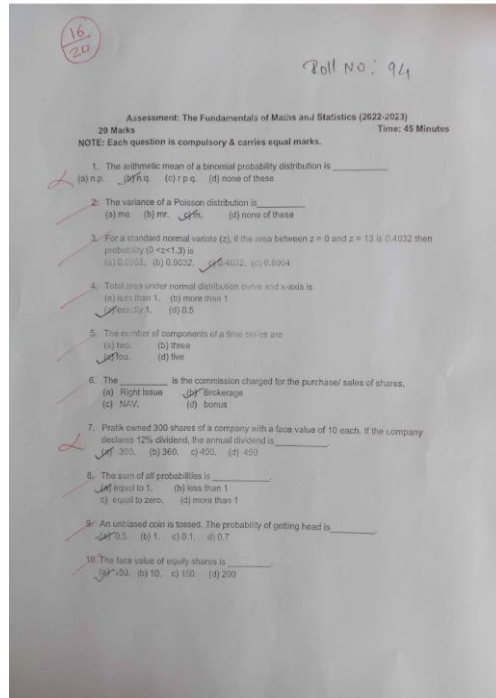
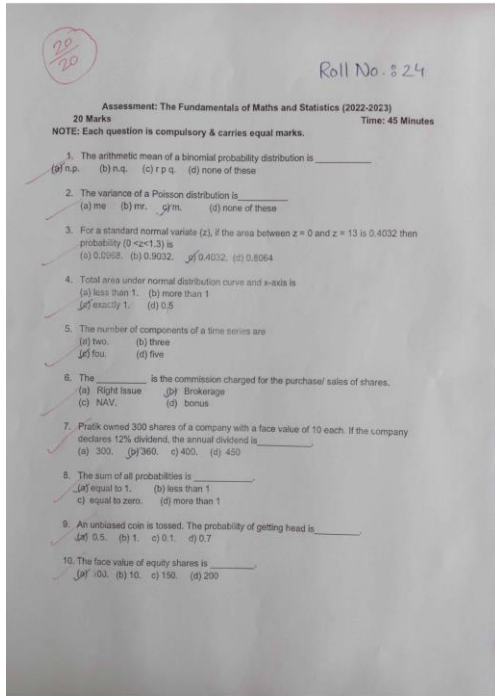
**Assessment Report 2022-2023**

<b>Certificate Course on Fundamentals of Maths and Statistics</b>	
<b>VIVA College of Commerce in association with the Department of Maths and Statistics .</b>	
<b>Date: 09-09-2022 to 01-10-2022</b>	<b>Total Participants / Beneficiaries (in figures) – Total : 663</b>
<b>Resource Person/ Chief Guest (If any or else NA): Mrs. Dipashree Vartak and Mrs. Madhu Sharma</b>	
<div><p><b>Assessment: The Fundamentals of Maths and Statistics (2022-2023)</b> <b>20 Marks</b> <span style="float: right;"><b>Time: 45 Minutes</b></span> <b>NOTE: Each question is compulsory &amp; carries equal marks.</b></p><ol style="list-style-type: none"><li>The arithmetic mean of a binomial probability distribution is _____. (a) <math>n.p</math>. (b) <math>n.q</math>. (c) <math>r.p.q</math>. (d) none of these</li><li>The variance of a Poisson distribution is _____. (a) <math>me</math> (b) <math>mr</math>. (c) <math>m</math>. (d) none of these</li><li>For a standard normal variate (<math>z</math>), if the area between <math>z = 0</math> and <math>z = 1.3</math> is 0.4032 then probability (<math>0 &lt; z &lt; 1.3</math>) is _____. (a) 0.0968. (b) 0.9032. (c) 0.4032. (d) 0.8064</li><li>Total area under normal distribution curve and x-axis is _____. (a) less than 1. (b) more than 1 (c) exactly 1. (d) 0.5</li><li>The number of components of a time series are _____. (a) two. (b) three (c) four. (d) five</li><li>The _____ is the commission charged for the purchase/ sales of shares. (a) Right Issue (b) Brokerage (c) NAV. (d) bonus</li><li>Pratik owned 300 shares of a company with a face value of 10 each. If the company declares 12% dividend, the annual dividend is _____. (a) 300. (b) 360. (c) 400. (d) 450</li><li>The sum of all probabilities is _____. (a) equal to 1. (b) less than 1 (c) equal to zero. (d) more than 1</li><li>An unbiased coin is tossed. The probability of getting head is _____. (a) 0.5. (b) 1. (c) 0.1. (d) 0.7</li><li>The face value of equity shares is _____. (a) 100. (b) 10. (c) 150. (d) 200</li></ol></div>	





**Vishnu Waman Thakur Charitable Trust's**  
**Bhaskar Waman Thakur College of Science.**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts.**  
**(VIVA College)**  
**(Affiliated to University of Mumbai)**



### Brief report

The course was attended by 663 participants including 347 males and 316 female student participants. The assessment was carried out through, written exercise. The certificate program Fundamentals of Maths and Statistics focused on the students who were taught the basic knowledge of Maths as well as statistics, focusing on the students who opted out Maths subject. The assessment was conducted for 20 marks with MCQs and regularity and punctuality carried 5 Marks. Consistency in attending classes, Positive attitude towards learning, collaboration, and problem-solving. The certificates were issued to students by department on successful completion of course. The participants have shown commendable progress throughout the course. The overall commitment to learning and positive attitudes are noteworthy, providing a strong foundation for future educational endeavors.

**Course Coordinator**  
**Dipashree Vartak**

**HOD of Commerce**  
**Dr. Rakhee Oza**






**Late Shri. Vishnu Waman Thakur Charitable Trust's**

**Bhaskar Waman Thakur College of Science  
Yashvant Keshav Patil College of Commerce  
Vidhya Dayanand Patil College of Arts  
(VIVA College)**

**(Affiliated to University of Mumbai)  
(NAAC ACCREDITED-'B' Grade, CGPA 2.69)**

**Soft Skills Development Certificate Courses**

**Assessment Report on certificate course  
academic year 2021-2022**

<b>Name of the certificate course:</b>	Soft Skills Development Certificate Course
<b>In association with</b>	The Department of Commerce and the Department of Psychology
<b>Duration:</b>	24 Dec 2021 to 1 Feb 2022
<b>Participants/ Beneficiaries:</b>	40 students (29 females and 11 males)
<b>Name of the teachers who conducted the lectures:</b>	<ol style="list-style-type: none"> <li>1. Ms. Padmaja Joshi</li> <li>2. Ms. Pallavi Naik</li> <li>3. Mr. Dilip Jain</li> <li>4. Ms. Rashmi Sawant</li> <li>5. Ms. Manisha Bhosale</li> </ol>
<b>Photographs</b>  <b>Experts addressing and evaluating the course participants</b>	

## Assessment of Presentation Skills



## Assessment of Negotiation Skills



### Experts giving feedback



### Photo link:

<https://drive.google.com/drive/folders/1PePudtzeLB0nqhoO7o4DOlsIh5Iiq7xn>

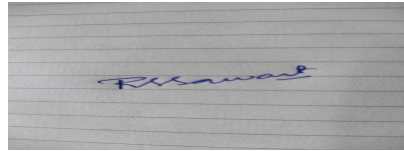
### Brief Report

The Department of Commerce and the Department of Psychology had developed and successfully completed a Certificate Course in Soft Skill Development. All together 40 students enrolled for this certificate Course. They were trained in few of the soft skills required in their daily lives whether it is work or at personal level.

Skills like Communication Skills, Presentation Skills, Interpersonal Skills, Intrapersonal Skills and Negotiation Skills were effectively cultivated amongst the participants using online and offline mode. The assessment of the skills were again done using a variety of methods like group discussion, presentation impromptu situations and interviews by the experts outside the course conductors to maintain objectivity. Feedback was given to the students based on their performance immediately. The certificates were given to the students at the completion of the Program.



Dr. Rakhee Oza.  
Head,  
Department of Commerce



Ms. Rashmi Sawant  
Head  
Department of Psychology



Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
 (VIVA College)  
 (NAAC ACCREDITED-'B' Grade, CGPA 2.69)

**Assessment Report**

**Skill Development Certificate Course on Understanding Herbarium**

**VIVA College Herbarium (VCH) in association with the Department of Botany.**

**Date: 03-01-2022 to 04-02-2022**

**Total Participants / Beneficiaries (in figures) –  
 Total : 75**

**Resource Person/ Chief Guest (If any or else NA): Hensal Rodrigues & Kiran Chakral**



Accession Book of VCH										
File Edit View Insert Format Data Tools Extensions Help										
75% 123 Sorts ... 12 + B I A										
A1										
	A	B	C	D	E	F	G	H	I	J
	Sr.No.	Barcode	Collection No.	Order	Family	Genus	Species	Collected By	Date of Co	Year
1	1		HRKC0015		Asteraceae Bercht. & J.Presl			Kiran Chakral, Suchandra Dutta		
2	2		HRKC0017		Plantaginaceae Juss.	Plantago L.		Kiran Chakral, Suchandra Dutta		
3	3		HRKC0018		Rosaceae Juss.	Prunus L.	Prunus avium (L.) L.	Kiran Chakral, Suchandra Dutta		
4	4		HRKC0019		Fabaceae Lindl. sensu lato	Pinus L.		Kiran Chakral, Suchandra Dutta		
5	5		HRKC0040		Asteraceae Bercht. & J.Presl			Kiran Chakral, Suchandra Dutta		
6	6		HRKC0060							
7	7		HRKC0061		Lamiaceae Martinov	Lantana L.	Lantana camara L.	Kiran Chakral, Hensal Rodrigues, Suchandra Dutta		
8	8		HRKC0062					Kiran Chakral, Hensal Rodrigues, Dushyant Dangade		
9	9		HRKC0063		Asteraceae Bercht. & J.Presl					
10	10		HRKC0080		Poaceae Barnhart			Kiran Chakral, Hensal Rodrigues		
11	11		HRKC0088		Malvaceae Juss.			Kiran Chakral, Hensal Rodrigues		
12	12		HRKC0087		Cyperaceae Juss.			Kiran Chakral, Hensal Rodrigues	29/01/2018	
13	13		HRKC0087					Kiran Chakral, Hensal Rodrigues	29/01/2018	
14	14		HRKC0084					Kiran Chakral, Hensal Rodrigues	29/01/2018	
15	15		HRKC0091		Combretaceae R.Br.	Combretum Loebl.	Combretum indicum (L.) DeFilippo	Kiran Chakral, Hensal Rodrigues	29/01/2018	
16	16		HRKC0092		Asteraceae Bercht. & J.Presl	Cyanthillium Blume	Cyanthillium cinereum (L.) H.Rob.	Kiran Chakral, Hensal Rodrigues	29/01/2018	
17	17		HRKC0091		Onagraceae Juss.	Ludwigia L.	Ludwigia pennina L.	Kiran Chakral, Hensal Rodrigues	29/01/2018	
18	18		HRKC0090		Fabaceae Lindl. sensu lato	Crotalaria L.		Kiran Chakral, Hensal Rodrigues	29/01/2018	
19	19		HRKC0089					Kiran Chakral, Hensal Rodrigues	29/01/2018	
20	20		HRKC0096					Kiran Chakral, Hensal Rodrigues	29/01/2018	
21	21		HRKC0061		Asteraceae Bercht. & J.Presl					
22	22		HRKC0066		Brassicaceae Burnett					
23	23		HRKC0067		Cucurbitaceae Juss.			Kiran Chakral, Hensal Rodrigues	29/01/2018	
24	24		HRKC0068		Commelinaceae Mirb.			Kiran Chakral, Hensal Rodrigues	14/09/18	
25	25		HRKC0069		Poaceae Barnhart			Kiran Chakral, Hensal Rodrigues	14/09/18	
26	26		HRKC0070		Polygonaceae Juss.			Kiran Chakral, Hensal Rodrigues	14/09/18	
27	27		HRKC0071					Kiran Chakral, Hensal Rodrigues		
28	28		HRKC0072		Moraceae Gaudich.			Kiran Chakral, Suchandra Dutta		
29	29		HRKC0072							
30	30		HRKC0076		Ranunculaceae Juss.	Delphinium L.		Kiran Chakral, Suchandra Dutta		





Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
(VIVA College)  
(NAAC ACCREDITED-'B' Grade, CGPA 2.69)

**Brief report**

VIVA College's Department of Botany successfully provided a certificate program in herbarium making, which improved participants' abilities to gather and preserve plant specimens. Managing and maintenance of herbarium was considered as assessment procedure of this course. Group based assessment was undertaken under different tasks:  
herbarium sheets  
Poisoning and treatment  
Preparation of online accession book (excel)  
Preparation of Library accession  
Arrangement and identification of taxa as per APG IV system of classification



**Hensal Rodrigues**  
Course coordinator

**Deepa Verma**  
Head, department of Botany



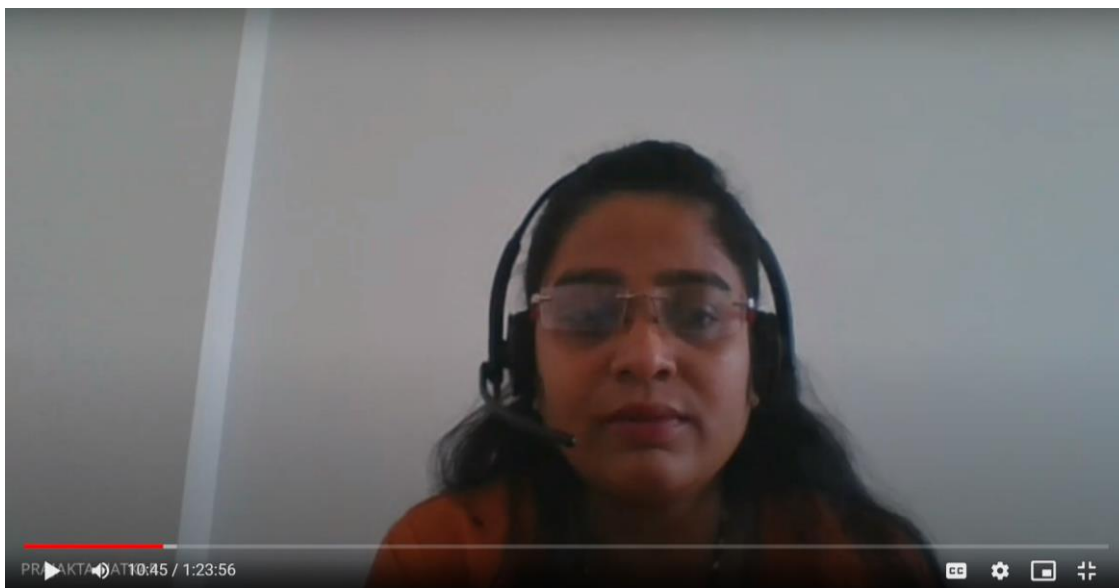
Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
 (VIVA College)  
**(NAAC ACCREDITED-'B' Grade, CGPA 2.69)**

### Assessment Report

<b>Python Programming</b> <b>(CERTIFICATE COURSE)</b>			
<b>“Python Programming” by Department of IT CS</b>			
<b>Date:</b> 13/11/2020-24/11/2020		<b>Total Participants / Beneficiaries (in figures) – 51</b>	
<b>Resource Person/ Chief Guest (If any or else NA):</b>			
<b>Sr. No.</b>	<b>Name of the Resource Person/ Chief Guest</b>	<b>Affiliation</b>	<b>Mobile Number</b>
1.	Dr.Sampada Deshmukh	HOD(IT)	9970390504
2.	Mrs.Jagruti Raut	HOD(CS)	9028298175
3.	Ms.Shweta Yande		9975857573
4.	Mrs.Prajakta Hatkar		8149720019
5.	Ms.Shilpa Rodrigues		9960954680
<b>Photographs</b>			
 <div style="position: absolute; bottom: 5px; left: 5px; font-size: small;">1Jerome Gnanaraj</div>		 <div style="position: absolute; bottom: 5px; left: 5px; font-size: small;">2 Sahil Agrahari</div>	






Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
(VIVA College)



### Brief report

In the academic year 2020-21, the Department of IT and CS at the institution introduced certificate courses for students in addition to the curriculum. For the assessment of Python Programming, the students were given an exam in the form of Viva Voce, which was conducted online due to the corona pandemic on November 25, 2020.

		
<b>Dr.A.P. Pandey</b>	Dr.Sampada Deshmukh	Mrs.Jagruti Raut
<b>I/C Principal</b>	HOD(IT)	HOD(CS)





Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
(VIVA College)  
(NAAC ACCREDITED-'B' Grade, CGPA 2.69)

### Assessment Report

<b>Advanced Techniques of Accommodation</b>	
<b>VIVA College Department of Hotel &amp; Tourism Management</b>	
<b>Date:</b> 3rd Feb 2020 to 22nd Feb 2020	<b>Total Participants / Beneficiaries (in figures) –</b> 63 students ( 14 females and 49 males)
<b>Resource Person/ Chief Guest (If any or else NA): Ms. Priyanka Gaonkar</b>	
<div></div>	
<b>Brief report</b> The Department of <b>Hotel &amp; Tourism Management</b> at <b>VIVA College</b> conducted a successful certificate course on Advanced Techniques of Accommodation, designed to enhance the capabilities of students in understanding contemporary hospitality.	
<b>Assessment of the course included the following:</b> Advance Technic Flower Arrangement. Linen Origami. Risk & Environmental Management Grooming Standards and Personality Development	


**Mrs. Kirti Chalke**  
Course coordinator

**Mr. Vaibhav Patil**  
Head of Department




Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
 (VIVA College)  
 (NAAC ACCREDITED-'B' Grade, CGPA 2.69)

### Assessment Report

Basics of bar and alcoholic beverages	
Department of Hotel & Tourism Management	
Date: 24 January 2020	Total Participants / Beneficiaries (in figures) – Total : 111
Resource Person/ Chief Guest (If any or else NA): NA	
	
<b>Brief report</b> The Department of hotel and tourism management at VIVA College conducted a successful certificate course on alcoholic beverages and cocktails. Assessment of the course included the following: Theoretical knowledge of Alcoholic beverages. practicals knowledge of wines and wine service. Practical knowledge of preparation of various cocktails.	

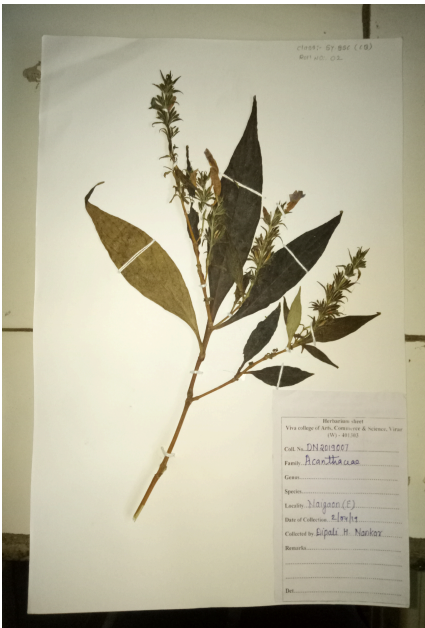
  
**Shrikant Dharne**  
 Course coordinator

  
**MR. VAIBHAV PATIL**  
 Head, department of Botany



Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
 (VIVA College)  
 (NAAC ACCREDITED-'B' Grade, CGPA 2.69)

### Assessment Report

<b>Skill Development Certificate Course on Make your own Herbarium</b>	
<b>VIVA College Herbarium (VCH) in association with the Department of Botany.</b>	
<b>Date: 10 January-15 February 2020</b>	<b>Total Participants / Beneficiaries (in figures) – Total : 76</b>
<b>Resource Person/ Chief Guest (If any or else NA): Hensal Rodrigues</b>	
	
<b>Brief report</b> VIVA College's Department of Botany successfully provided a certificate program in herbarium making, which improved participants' abilities to gather and preserve plant specimens. The Department of Botany at VIVA College conducted a successful certificate course on Herbarium Making, designed to enhance participants' skills in plant specimen collection and preservation. Assessment of the course included the following, Collection of Plant material Drying and pressing of Plant material Preparation of Herbarium sheet/s and deposition at VCH (VIVA College Herbarium)	

  
**Hensal Rodrigues**  
 Course coordinator

  
**Deepa Verma**  
 Head, department of Botany



**Late Shri Vishnu Waman Thakur Charitable Trust's**  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
**(VIVA College)**  
**(Affiliated to University of Mumbai)**  
**(NAAC ACCREDITED-'B' Grade, CGPA 2.69)**

**Assessment report**


<b>Name/ Title of the Programme: Certificate Course on Spectroscopy Techniques</b>				
<b>Date(DD/MM/YYYY):</b> Batch 01 - Sept 2019, Batch 02 - Nov 2019, Batch 03 - Feb 2020 Batch 04 - Mar 2020		<b>Total Participants / Beneficiaries (in figures) – Total : 100</b>		
<b>Resource Person/ Chief Guest :</b>				
<b>Sr. No.</b>	<b>Name of the Resource Person/ Chief Guest</b>	<b>Affiliation</b>	<b>Mobile Number</b>	<b>Email ID (if available)</b>
1.	Mr. Nikhil Teli	Assistant Professor, VIVA College	8291088287	rohan.dsouza@vivacollege.org
2.	Mr. Rohan D'Souza	Assistant Professor, VIVA College	9923410781	nikhilteli@vivacollege.org
<b>Kindly Paste (2 –4 photographs) with proper details :</b>				
		<p>The course was attended by 100 students There were a total of 4 batches.</p> <p>The assessment was carried out through, oral viva-voce, and practical assignments.</p> <p>The assessment covered the following key aspects:</p> <ul style="list-style-type: none"><li>● Remembering and Understanding (oral viva-voce) (25 marks)</li><li>Participant's ability to recall and comprehend course content.</li><li>● Analytical applied Skills(Experiment): (20 marks)</li><li>Application of critical thinking to solve problems.</li><li>● Regularity and punctuality : (5 marks)</li></ul> <p>Consistency in attending classes, Positive attitude towards learning, collaboration, and problem-solving.</p> <p>Students were provided with certificates after successfully completing the course and also their oral feedback was taken regarding the course.</p>		

  
**Signature of Coordinator**



Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
 (VIVA College)  
 (NAAC ACCREDITED-'B' Grade, CGPA 2.69)

### Assessment Report

Advanced Techniques of Accommodation	
VIVA College Department of Hotel & Tourism Management	
Date: 12th Feb 2018 to 26th Feb 2019	Total Participants / Beneficiaries (in figures) –Total : 96 students (17 females and 79 males)
Resource Person/ Chief Guest (If any or else NA): M	
	
<b>Brief report</b> The Department of <b>Hotel &amp; Tourism Management</b> at <b>VIVA College</b> conducted a successful certificate course on Advanced Techniques of Accommodation, designed to enhance the capabilities of students in understanding contemporary hospitality.  <b>Assessment of the course included the following:</b> Advance Technic Flower Arrangement. Linen Origami. Risk & Environmental Management Grooming Standards and Personality Development	

**Mrs. Kirti Chalke**  
 Course coordinator


**Mr. Vaibhav Patil**  
 Head of Department





Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
 (VIVA College)  
 (NAAC ACCREDITED-'B' Grade, CGPA 2.69)

### Assessment Report

<b>Basics of bar and alcoholic beverages</b>	
<b>Department of Hotel &amp; Tourism Management</b>	
<b>Date: 19th September 2018</b>	<b>Total Participants / Beneficiaries (in figures) – Total : 80</b>
<b>Resource Person/ Chief Guest (If any or else NA): NA</b>	
	
<b>Brief report</b> The Department of hotel and tourism management at VIVA College conducted a successful certificate course on alcoholic beverages and cocktails. Assessment of the course included the following: Theoretical knowledge of Alcoholic beverages. practicals knowledge of wines and wine service. Practical knowledge of preparation of various cocktails.	

  
**Shrikant Dharne**  
 Course coordinator

  
**Mr. Vaibhav Patil**  
 Head, department of Botany



Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
(VIVA College)

(NAAC ACCREDITED-'B' Grade, CGPA 2.69)

### Assessment Report

**Skill Development Certificate Course on Fundamentals of Food Production & Patisserie**

**VIVA College Department of Hotel & Tourism Management**

**Date: 01/09/18- 31/09/18**

**Total Participants / Beneficiaries (in figures) –  
Total : 107**

**Resource Person/ Chief Guest (If any or else NA) : Namrata Kharkandi, Sameer Korgaonkar, Sagar Vaze.**





**Brief report**

The Department of Hotel & Tourism management at VIVA College conducted a successful certificate course on Fundamentals of Food production & Patisserie, designed to enhance participants' skills in Cake making, middle eastern Cuisine, charcuterie, Chocolate, making, plate presentation assessment of the course included the following

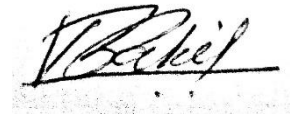
Different types of Icing, how to use various tools,

Preparation & Presentation of charcuterie products,

Tempering & molding of chocolate, selection of plates for presentation placement of Various elements on the plate, color combinations checked by Department of Hotel & Tourism Management (VIVA College)



**Namrata Kharkandi**  
Course coordinator



**Vaibhav Patil**  
Head, department of Botany



Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
 (VIVA College)

(NAAC ACCREDITED-'B' Grade, CGPA 2.69)

### Assessment Report

Skill Development Certificate Course on Fundamentals of Food Production & Patisserie	
VIVA College Department of Hotel & Tourism Management	
<b>Date: 01/08/19- 30/08/19</b>	<b>Total Participants / Beneficiaries (in figures) – Total : 141</b>
<b>Resource Person/ Chief Guest (If any or else NA) : Namrata Kharkandi, Sameer Korgaonkar, Sagar Vaze.</b>	
<div style="display: flex; justify-content: space-around; align-items: center;">   </div>	

**Brief report**

The Department of Hotel & Tourism management at VIVA College conducted a successful certificate course on Fundamentals of Food production & Patisserie, designed to enhance participants' skills in Cake making, middle eastern Cuisine, charcuterie, Chocolate, making, plate presentation assessment of the course included the following

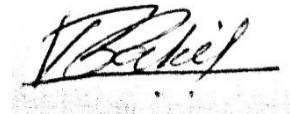
Different types of Icing, how to use various tools,

Preparation & Presentation of charcuterie products,

Tempering & molding of chocolate, selection of plates for presentation placement of Various elements on the plate, color combinations checked by Department of Hotel & Tourism Management (VIVA College)



**Namrata Kharkandi**  
Course coordinator

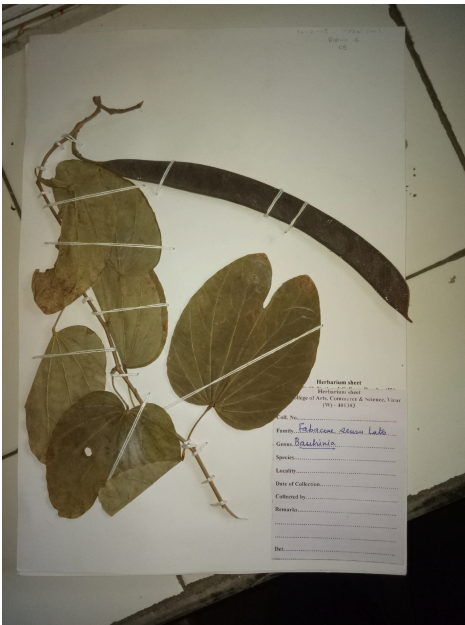


**Vaibhav Patil**  
Head, department of Botany



Late Shri Vishnu Waman Thakur Charitable Trust's  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
(VIVA College)  
(NAAC ACCREDITED-'B' Grade, CGPA 2.69)

### Assessment Report

<b>Skill Development Certificate Course on Make your own Herbarium</b>	
<b>VIVA College Herbarium (VCH) in association with the Department of Botany.</b>	
<b>Date: 18-january 2019- 14 February 2019</b>	<b>Total Participants / Beneficiaries (in figures) – Total : 84</b>
<b>Resource Person/ Chief Guest (If any or else NA): Hensal Rodrigues &amp; Kiran Chakral</b>	
	
<b>Brief report</b> The Department of Botany at VIVA College conducted a successful certificate course on Herbarium Making, designed to enhance participants' skills in plant specimen collection and preservation. Assessment of the course included the following, Collection of Plant material Drying and pressing of Plant material Preparation of Herbarium sheet/s and deposition at VCH (VIVA College Herbarium)	

**Hensal Rodrigues**  
Course coordinator

**Deepa Verma**  
Head, department of Botany



**Late Shri Vishnu Waman Thakur Charitable Trust's**  
**Bhaskar Waman Thakur College of Science**  
**Yashvant Keshav Patil College of Commerce**  
**Vidhya Dayanand Patil College of Arts**  
**(VIVA College)**  
**(Affiliated to University of Mumbai)**  
**(NAAC ACCREDITED-'B' Grade, CGPA 2.69)**

**Assessment report**

<b>Name/ Title of the Programme: Certificate Course on Chromatography Techniques</b>				
<b>Date(DD/MM/YYYY):</b> Batch 01 -Sept 2018 Batch 02 -Nov 2018 Batch 03 -Feb 2019 Batch 04 - Mar 2019		<b>Total Participants / Beneficiaries (in figures) – Total : 100</b>		
<b>Resource Person/ Chief Guest :</b>				
<b>Sr. No.</b>	<b>Name of the Resource Person/ Chief Guest</b>	<b>Affiliation</b>	<b>Mobile Number</b>	<b>Email ID (if available)</b>
1.	Mr. Nikhil Teli	Assistant Professor, VIVA College	8291088287	rohan.dsouza@vivacollege.org
2.	Mr. Vinodkumar Didwana	Assistant Professor, VIVA College	9673236800	vinodkumardidwana@vivacollege.org
<b>Kindly Paste (2 –4 photographs) with proper details :</b>				
		<p>The course was attended by 100 students There were a total of 4 batches.</p> <p>The assessment was carried out through, oral viva-voce, and practical assignments.</p> <p>The assessment covered the following key aspects:</p> <ul style="list-style-type: none"><li>● Remembering and Understanding (oral viva-voce) (25 marks)</li><li>Participant's ability to recall and comprehend course content.</li><li>● Analytical applied Skills(Experiment): (20 marks)</li><li>Application of critical thinking to solve problems.</li><li>● Regularity and punctuality : (5 marks)</li></ul> <p>Consistency in attending classes, Positive attitude towards learning, collaboration, and problem-solving.</p> <p>Students were provided with certificates after successfully completing the course and also their oral feedback was taken regarding the course.</p>		

  
**Signature of Coordinator**