

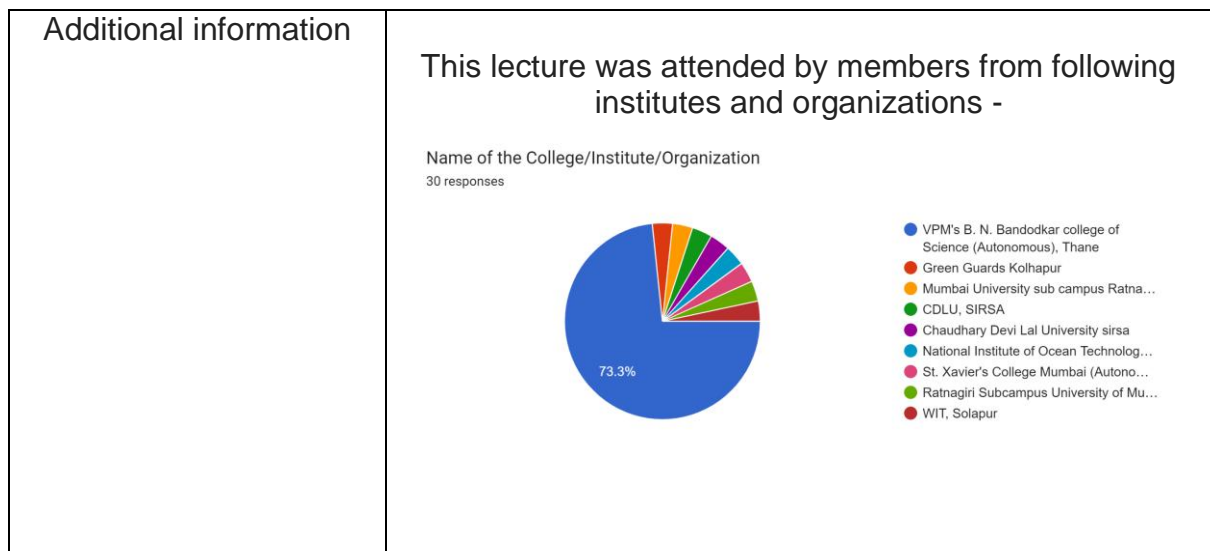
VPM's B N Bandodkar College of Science, (Autonomous)
Thane -400601

3.3.2. Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year:

Reports of the Events

A talk with Sammilan Shetty
On his Journey of Butterfly Garden Development

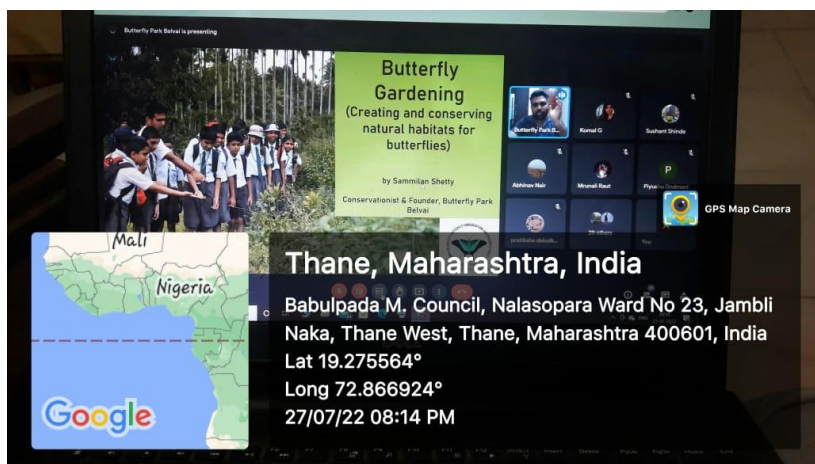
Name of activity	<u>A talk with Sammilan Shetty</u> <u>On his Journey of Butterfly Garden Development</u>		
Objectives of the activity (maximum 40 words)	To propagate the idea of sustainable practices and conservation via simple measures. To understand the dos and donts while setting up and maintaining a typical butterfly garden.		
Organizing department/s	Department of Biodiversity, Wildlife Conservation and Management & EVS		
Collaborative institute	Independent		
Date (DD / MM / YYYY)	27/07/2022		
venue	online		
Mode	Online		
Details of Resource person (name, designation, institution)	Sammilan Shetty Conservationist and Founder of Butterfly Park Belvai		
Key Participants			
Remarkable outcomes/ key take-away messages (max. three)	<p>The session was instrumental in-</p> <ul style="list-style-type: none"> explaining the rationale behind setting up a butterfly garden identifying common and uncommon butterflies from egg, larva, pupa and adult stage identifying commonly used nectar and feeder plants that can be used in a butterfly garden 		
Details of participants			
Total Number	30		
Outsiders	7		
In-house	23		
	Faculty members:	6	students: 24
	Male:	14	female: 16 others:



Name of Coordinator: Dr. Moses Kolet

teacher in-charge: Ms. Komal Gaikwad & Mr. Aditya Mhatre (Asst. Prof. BWCM);
Ms. Saloni Sheth & Ms. Asba Ansari (Asst. Prof. EVS)

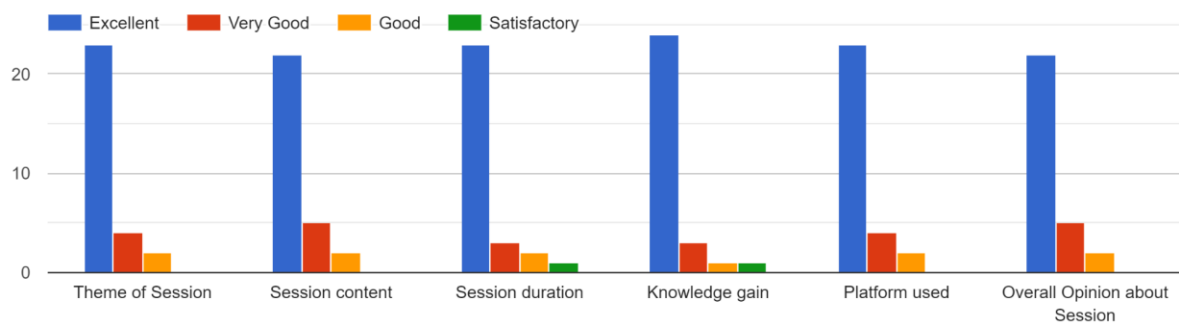
Two Geo tagged photos:





Graphical representation of feed-back:

Overall feedback for the entire program



VPM's B.N. Bandodkar College of Science (Autonomous) Thane (W)

Name of activity	"Know the Innovator" George Washington Carver- An innovative agriculturist
Objectives of the activity (maximum 40 words)	To inspire students through the life stories of the scientists in various fields
Organizing department/s	Innovation Corner
Collaborative institute	-
Date (DD / MM / YYYY)	28/07/2022
venue	Patanjali Auditorium of B.N. Bandodkar College of Science (Autonomous).
Mode	Offline
Details of Resource person (name, designation, institution)	Dr. Sudhakar Agarkar (Dean, VPM'S Academy of International Education and Research)
Key Participants	Dr. Moses Kolet(Principal) Dr. Ashwini Tialk (Co-coordinator, Innovation Corner) Ms.Purvi shah (Assistant Professor) Mr.Tejas jadhav (Assistant professor) Mr. Aditya Mhatre (Assistant Professor) Ms.Priyanka Rajput (Assistant Professor)

Remarkable outcomes/ key take-away messages (max. three)	<ul style="list-style-type: none"> • The thrilling life of George Washington Carver was unfolded in front of students through his story told by Dr Agarkar. • The speaker threw light on the miserable and challenging conditions in which Carver began his life and his ascent • He also elaborated on Carver's various discoveries and simple innovative means he adopted that revolutionized the field of agriculture
Details of participants	
Total Number	89
Outsiders	-
In-house	89
	Faculty members: 4 Students: 85
	Male Students: Female Students: others:
Additional information	-

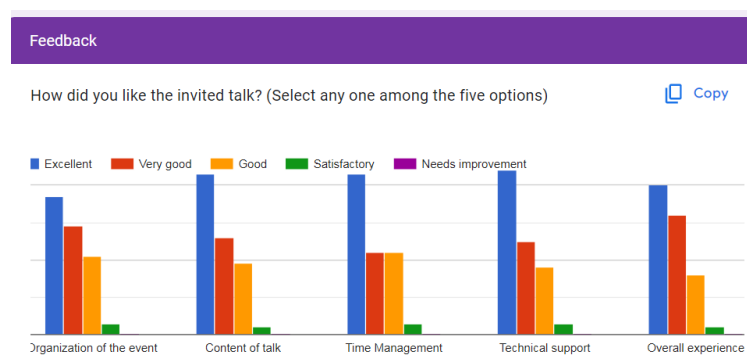
Name of Coordinator/ teacher in-charge: Dr. Ashwini Tilak

Two Geo tagged photos:



Graphical representation of feed-back:

	Excellent	Very Good	Good	Satisfactory	Needs Improvement
Organization of the event	37	29	21	03	00
Content of talk	43	26	19	02	00
Time Management	43	22	22	03	00
Technical Support	44	25	18	03	00
Overall Experience	40	32	16	02	00



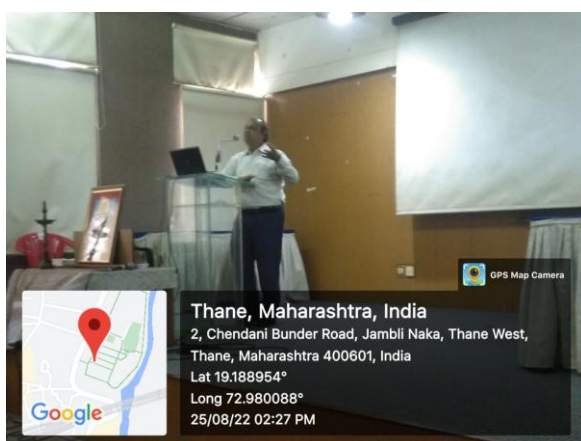
VPM's B.N. Bandodkar College of Science (Autonomous) Thane (W)

Name of activity	" Know the Innovator " " Edward Jenner " an Innovative virologist
Objectives of the activity (maximum 40 words)	To motivate the students through the Innovative stories of the scientist in various fields.
Organizing department/s	Innovation Corner
Collaborative institute	-
Date (DD / MM / YYYY)	25/08/2022
venue	Patanjali Auditorium of B.N. Bandodkar College of Science (Autonomous).
Mode	Offline.
Details of Resource person (name, designation, institution)	Dr. Sudhakar Agarkar (Dean, VPM'S Academy of International Education and Research)
Key Participants	Dr. Moses Kolet(Principal) Dr.Ashviwni Tilak(Assistatnt professor) Mr. Aditya Mhatre (Assistant Professor) Ms.Komal Kadam(Assistant Professor) Ms.Priyanka Rajput(Assistant Professor) Rucha Khadke(Assistant Professor)
Remarkable outcomes/ key take-away messages (max. three)	<ul style="list-style-type: none">• Students got to know about inspiring life story of Michel Faraday• Guest speaker explains how idea of small pox Vaccine is invented and also given an brief idea about vaccination process and meaning of a vaccine.• Guest Speaker motivated our students to do the

	research and he also shown the Jenner Institute of Oxford University.
Details of participants	
Total Number	45
Outsiders	-
In-house	45
	Faculty members:05 Students: 45
	Male Students:08 Female Students: 37 others: 0
Additional information	The duration of the programme was from 2:00 p.m. to 3:30 p.m. Anchor of the programme were Dr. Ashwini Tilak madam .During program given an idea about Innovation corner and motivated students to participated in Innovation corner students committee.

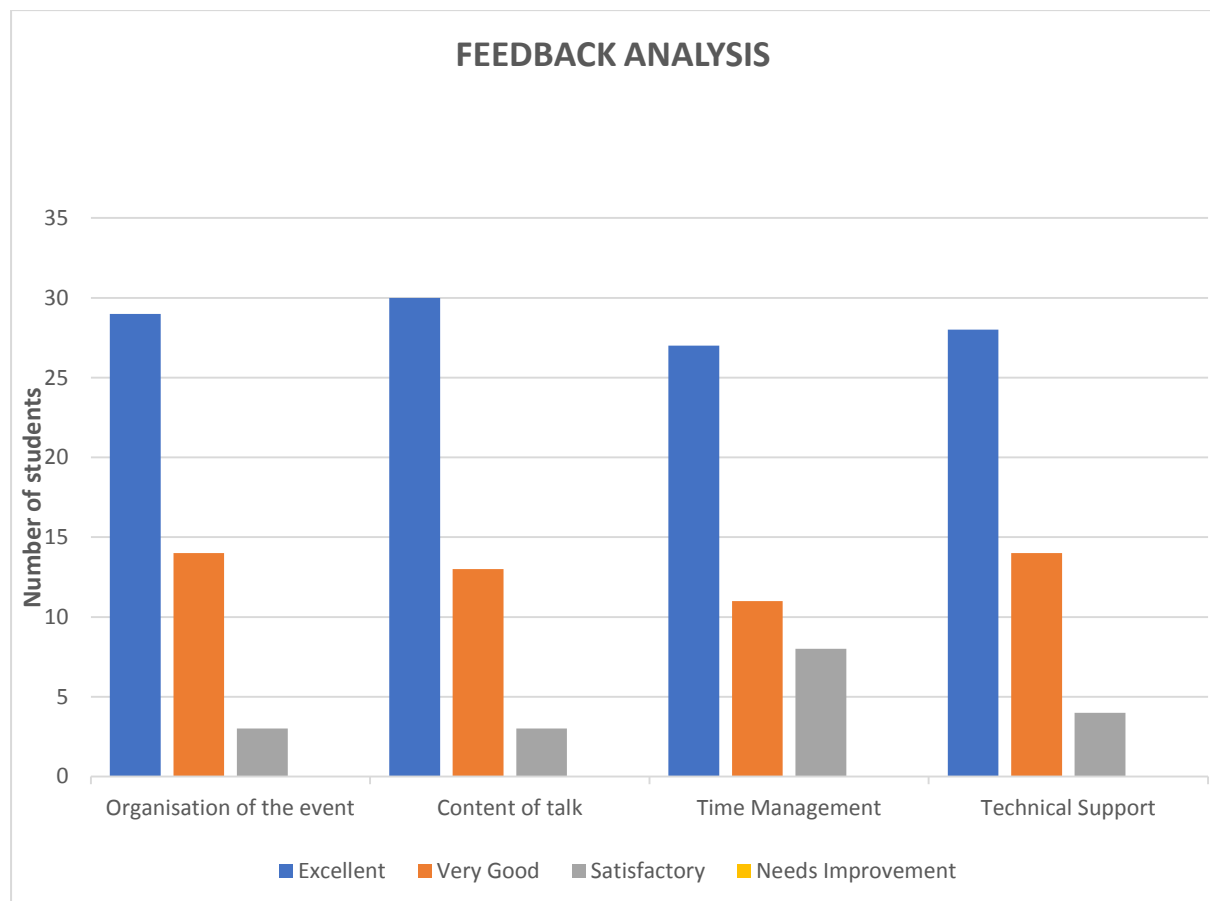
Name of Coordinator/ teacher in-charge: Dr.Ashwini Tilak

Two Geo tagged photos:



Graphical representation of feed-back:

	Excellent	Very Good	Satisfactory	Needs Improvement
Organization of the event	29	14	3	0
Content of talk	30	13	3	0
Time Management	27	11	8	0
Technical Support	28	14	4	0
Overall Experience	31	11	4	0



Activity Report

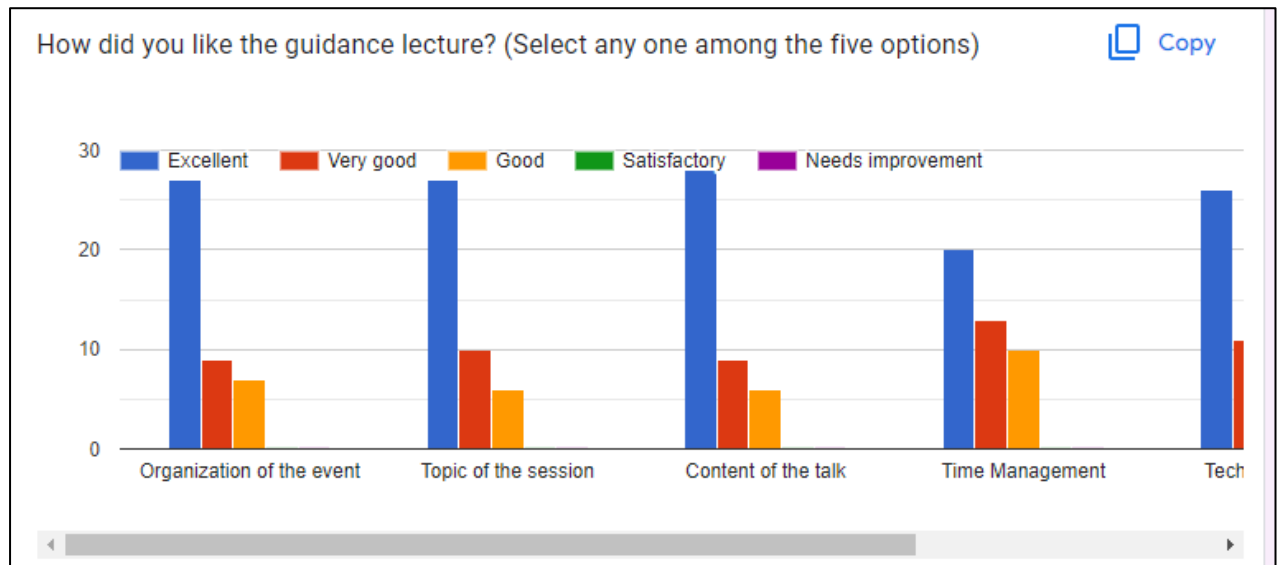
Name of activity	Avishkar – The research convention lecture
Objectives of the activity (Maximum 40 words)	<ol style="list-style-type: none"> 1. To make students aware about Avishkar- The research convention 2. To inform students about all the rules and guidelines related to the competition. 3. To motivate students to take up research project and complete it in stipulated time limit
Organizing department/s	Department of Biochemistry
Collaborative institute	-
Date (DD / MM / YYYY)	19 th September, 2022
Venue	Classroom no. 9
Mode	Offline
Details of Resource person (Name, Designation, Institution)	Ms. Meetali Chinnkar Assistant Professor, Department of Biochemistry VPM's B N Bandodkar College of Science, Thane
Key Participants	F.Y, S.Y and T.Y Students of all departments
Remarkable outcomes/ key take-away messages (max. three)	<ul style="list-style-type: none"> • Students got in-depth knowledge about the Avishkar – the research convention • Students learned about how to plan and achieve goals. • Students got information on various levels of the competition and also about how to make poster and power point presentation for the competition.
Details of participants	
Total Number	51
Outsiders	0
In-house	51
	Faculty members: 01 students: 51
	Male: 09 female: 26 others: 0
Additional information	-

Name of Coordinator/ teacher in-charge: Ms. Meetali Chinnkar

Two Geo tagged photos:



Graphical representation of feed-back:



What was your takeaway from the event?

43 responses

It was good and I will think about it in future

Excited to start my work.

Got to know more about avishkar. About writing a reasearch paper.

Got additional information about avishkar.

It clears all our doubts

Curiosity to join the convention

Clear all doubt about reasearch

Various topics of avishkar convention, levels and the kinds of projects that are expected.

It cleared most of my Doubt and explanation very good Session

Report of Seminar titled
“Shaping Career Opportunities Through Innovation”
on 22nd September, 2022

Name of activity	Seminar titled “Shaping Career Opportunities Through Innovation”
Objectives of the activity (maximum 40 words)	CiiA has launched an initiative to encourage innovations at school & college level, by organising exhibition held on 1 st – 3 rd February 2023. The esteemed speakers from CiiA gave in-depth information about the theme and purpose of innovation so that young prospective inventors could grab opportunity and register themselves.
Organizing department/s	VPM’s B. N. Bandodkar College of Science (Autonomous), Thane
Collaborative institute	CIIA (Creative Ideas & Innovation in Action)
Date (DD / MM / YYYY)	22/09/2022
venue	Patanjali Auditorium & Youtube live
Mode	Hybrid
Details of Resource person (name, designation, institution)	Mr. Baldevkrishan Sharma Rashtrapati awardee for invention & innovation, Founder & Chairman at Marshalls & BS Marshalls Foundation
	Dr. A. P. Jayraman Nuclear Scientist Chairman, National Center for Science Communications
Key Participants	Open for all
Remarkable outcomes/ key take-away messages (max. three)	<ul style="list-style-type: none"> ● Need for critical thinking in daily approach ● Difference between formal progress and accelerated progress ● Steps for innovative approach for success
Details of participants	
Total Number	113
Outsiders	
In-house	

	Faculty members: 7	students: 106
	Male: 35	female: 78 others:
Additional information	NIL	

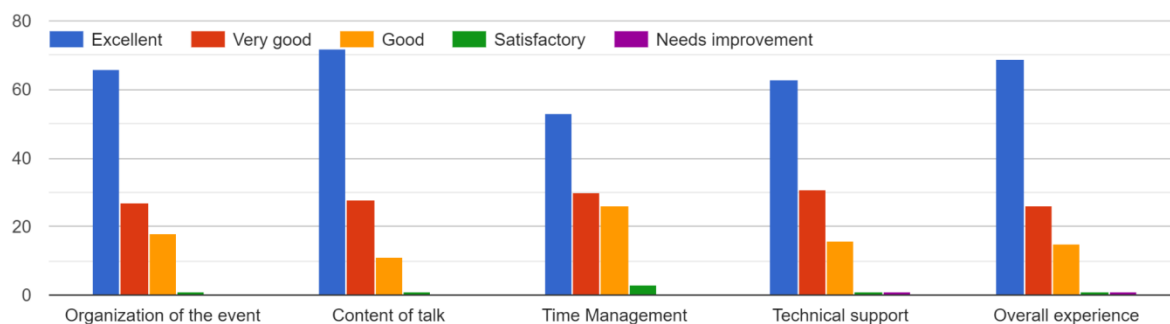
Name of Coordinator/ teacher in-charge: Mr. Tejas Jadhav

Two Geo tagged photos:



Graphical representation of feed-back:

How did you like the session? (Select any one among the five options)



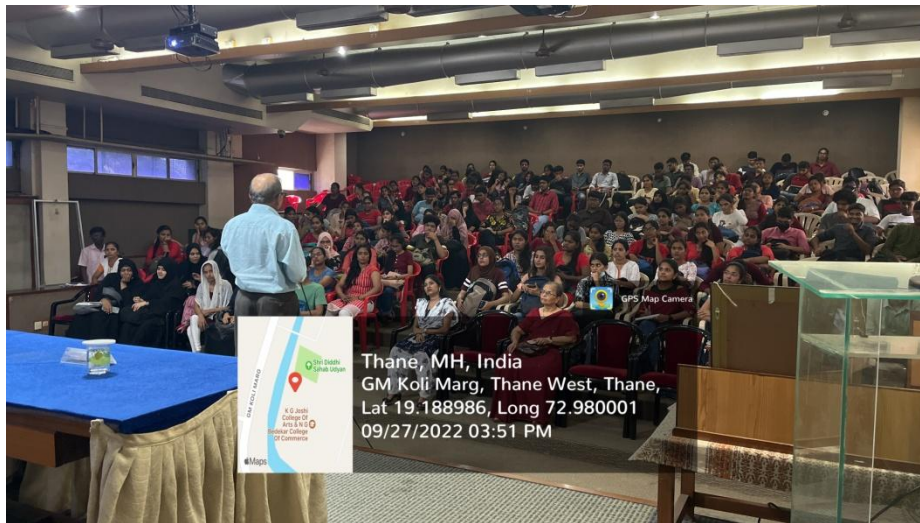
Activity Report

Name of activity	Guest Lecture -Radiation Processing of Food
Objectives of the activity (Maximum 40 words)	<ol style="list-style-type: none"> 1. To provide Basic information on Food spoilage, Food preservation. 2. To inform about of Food safety. 3. To make students understand how effectively radiations are used in food processing industries.
Organizing department/s	Biochemistry Department
Collaborative institute	-
Date (DD / MM / YYYY)	27-09-2022
Venue	Patanjali Sabhagruh
Mode	Offline
Details of Resource person (Name, designation, institution)	Dr. Jayant Bandekar Former Head, Radiation Biology & Health Science Division, BARC Mumbai
Key Participants	Participants of Food Course and Undergraduate students of the college
Remarkable outcomes/ key take-away messages (max. three)	<ul style="list-style-type: none"> • Students were informed about Maharashtra State Agricultural Marketing Board where radiation of food takes place before export • Students acquired knowledge of ionizing radiations techniques, their applications and advantages in food processing. • Students learnt about wide array of the opportunities in food industry.
Details of participants	
Total Number	151
Outsiders	4
In-house	145
	Faculty members: 06 students: 145
	Male: 39 female: 112 others:
Additional information	

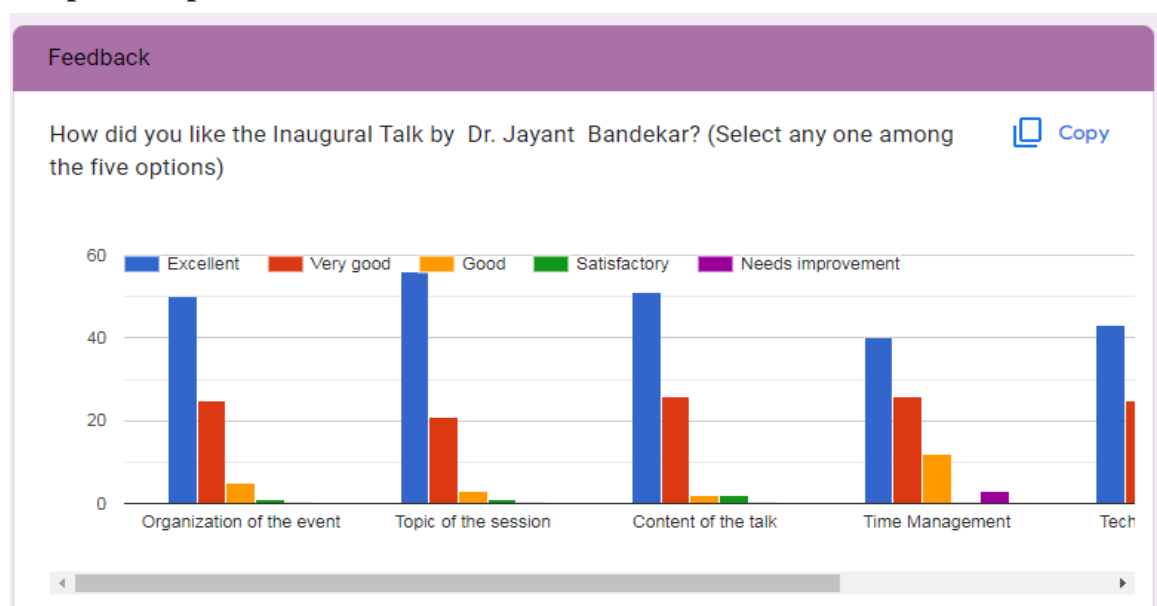
Name of Coordinator: Ms. Sayali Daptardar

Name of teacher in-charge: Ms. Pooja Kanse

Two Geo tagged photos:



Graphical representation of feed-back:



VPM's B.N. Bandodkar College of Science (Autonomous) Thane (W)

Name of activity	"Know the Innovator" "kamala Sohonie" an Innovative Nutritionist.
Objectives of the activity (maximum 40 words)	To inspire students through the life stories of the scientist in various fields.
Organizing department/s	Innovation Corner
Collaborative institute	-
Date (DD / MM / YYYY)	29/09/2022
venue	Patanjali Auditorium of B.N. Bandodkar College of Science (Autonomous).
Mode	Offline.
Details of Resource person (name, designation, institution)	Dr. Sudhakar Agarkar (Dean, VPM'S Academy of International Education and Research)
Key Participants	Dr. Moses Kolet(Principal) Mr.Tejas jadhav(Assistant professor) Mr. Aditya Mhatre (Assistant Professor) Ms.Priyanka Rajput(Assistant Professor) Ms.Purvi shah(Assistant Professor)

Remarkable outcomes/ key take-away messages (max. three)	<ul style="list-style-type: none"> Students got to know about inspiring life journey of kamala Sohonie. Guest speaker explains that how Kamala Sohonie became the first women to receive a PHD in a scientific discipline further speaker elaborate the research work done by kamala Sohonie in their field Guest Speaker motivated our students to do contribution in the research.
Details of participants	
Total Number	69
Outsiders	-
In-house	69
	Faculty members:05 Students: 54
	Male Students: Female Students: others: 0
Additional information	The duration of the programme was from 2:00 p.m. to 3:30 p.m.

Name of Coordinator/ teacher in-charge: Dr.Ashwini Tilak

Two Geo tagged photos:



Graphical representation of feed-back:

	Excellent	Very Good	Good	Satisfactory	Needs Improvement
Organization of the event	20	22	10	02	01
Content of talk	22	15	08	00	00
Time Management	22	20	10	02	01
Technical Support	26	12	13	02	02
Overall Experience	30	15	08	02	00

How did you like the invited talk? (Select any one among the five options)



Activity Report: Kandil Making Workshop

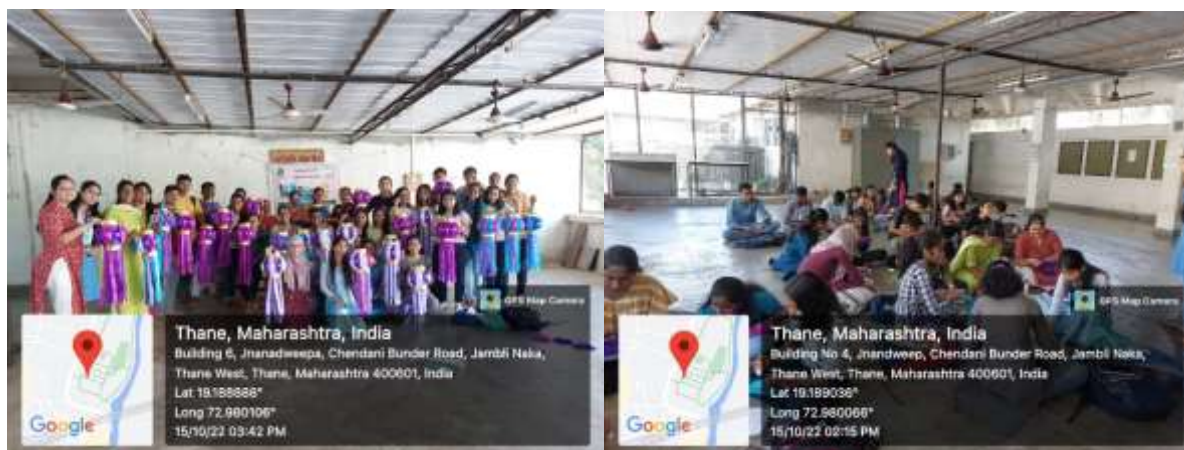
Name of activity	Kandil Making Workshop
Objectives of the activity (maximum 40 words)	To help the students learn the process of kandil making from paper
Organizing department/s	DLLE
Collaborative institute	Paryavaran Dakshata Mandal
Date (DD / MM / YYYY)	15/10/2022
Venue	Patanjali Yog Kendra
Mode	Offline
Details of Resource person (name, designation, institution)	Paryavaran Dakshata Mandal
Key Participants	Degree college students & faculty members from various departments
Remarkable outcomes/ key take-away messages (max. three)	1. Students learnt how to make kandils easily 2. Students felt inspired to make more kandils for diwali
Details of participants	
Total Number	31
Outsiders	-
In-house	31

	Faculty members: 04 students: 27
Additional information	Kandil Making materials were provided to students. Kandils were taken home by the participants.

Name of Coordinator: Dr. Vinda Manjramkar

Teacher in charge: Ms. Supriya Damle

Geo Tag Photo





VPM's B.N.Bandodkar College of Science (Autonomous)

DLLE in collaboration with Paryavaran
Dakshata Mandal
Organises

KANDIL MAKING WORKSHOP



[Register here](#)

Venue - Patanjali Yog Kendra

Time - 1.30 pm - 3.30 pm

SATURDAY 15 OCT 22

Things to carry - Rope, Fevicol, Entry Fee -
Stapler, Rough cloth 50 Rs.

Dr. Vinda Manjramkar
DLLE Co-ordinator

Dr.(Capt)Moses Kolet
Principal

Activity Report Format

Name of activity	Workshop on bird sound acoustics - Sharad Apte
Objectives of the activity (maximum 40 words)	The study of bird sounds ought to be just as scientific a part of ornithology as is the study of plumages. When birdsongs are recorded and then analyzed by a sound spectrograph, they can be carefully studied for individual and species differences with the use of sonogram.
Organizing department/s	Biodiversity, wildlife conservation and management
Collaborative institute	—
Date (DD / MM / YYYY)	27/11/ 2022 & 28/11/2022
venue	College campus and site visit
Mode	Offline
Details of Resource person (name, designation, institution)	Sharad Apte Bird sound expert
Key Participants	Students and faculty
Remarkable outcomes/ key take-away messages (max. three)	<ul style="list-style-type: none"> • Study of sound of birds and behaviour • learn recording of sounds of birds and conversion in sonogram • Use methodologies in research
Details of participants	
Total Number	25
Outsiders	0
In-house	25
	Faculty members: 6 students: 19
	Male: 12 female: 13 others:
Additional information	

Name of Coordinator/ teacher in-charge: Komal Gaikwad & Aditya Mhatre

Two Geo tagged photos:



Graphical representation of feed-back:

Activity Report

Name of activity	3 Days Workshop on Art of Research Paper Writing and Hands on Training on SPSS
Objectives of the activity (Maximum 40 words)	<ol style="list-style-type: none"> 1. To make students understand selection of research journal and papers. 2. To inform about importance of literature reviews and research publications. 3. To provide hands on training on the software of SPSS in very simple and crisp manner.
Organizing department/s	
Collaborative institute	VPM's Dr. V. N. Bedekar Institute of Management Studies and Research, Thane
Date (DD / MM / YYYY)	8th to 10th Decmber,2022
Venue	VPM's Dr. V. N. Bedekar Institute of Management Studies and Research, Thane
Mode	Offline
Details of Resource person (Name, designation, institution)	Dr. Smita Jape Dr. Mahesh Bhanushali Dr. Dinesh Sonkul
Key Participants	25 participants of various institute
Remarkable outcomes/ key take-away messages (max. three)	<ul style="list-style-type: none"> • Students acquired depth knowledge about research paper writings and publications. • Students got hands on training on SPSS software. • Student's perspective changes towards research methodology.
Details of participants	
Total Number	25
Outsiders	
In-house	
	Faculty members: 4 students: 25
	Male: 04 female: 21 others:
Additional information	

Name of Coordinator/ teacher in-charge:

Two Geo tagged photos:



Graphical representation of feed-back:

Feedback for Overall Workshop (Select any one among the five options)

 Copy



What was your takeaway from the event?

18 responses

- Glad to learn about SPPS programme
- The entire session of informative
- It was a really fun and interesting session especially the hands on sessions
- Very insightful..thank you so much for organizing the workshop..looking forward to attend more such workshops
- Great experience of using ssps software learned new many things, informative session
- It was very informative
- The workshop positively steered my perspectives towards research.

Report of event titled
“Power Point Presentation Competition”
 On 27th January, 2023

Name of activity	Event titled “Power Point Presentation Competition”
Objectives of the activity (maximum 40 words)	Power Point Presentation Competition is an activity organized by innovation corner of VPM’s B.N. Bandodkar College of Science. This competition was based on the topic “An innovation that inspires you.” Students gave an oral presentation accompanied by a power point presentation on an innovation that inspired them.
Organizing department/s	VPM’s B. N. Bandodkar College of Science (Autonomous), Thane
Collaborative institute	
Date (DD / MM / YYYY)	27/01/2023
venue	Patanjali Auditorium, VPM’s B. N. Bandodkar College of Science (Autonomous), Thane
Mode	Offline
Details of Resource persons (name, designation, institution)	Participating Artists: Teachers: Dr Ashwini Tilak, Radhika Barve, Ms. Purvi Shah Students: Judges: Ms Radhika Barve from Biotech Micro dept Ms Sumaiya Shaikh from Statistics dept Dr. Sudhakar Agarkar sir, Dean, VPM's academy for International education and research
Key Participants	Open for all
Remarkable outcomes/ key take-away messages (max. three)	<ul style="list-style-type: none"> ● The topic “An innovation that inspires you” was expressed through power point presentation along with oral presentation. ● Audience learned a lot and gained a lot of information about innovations through time. ● Audience enjoyed the enlightening session
Details of participants	
Total Number	11

Outsiders	-
In-house	Faculty members: - students: 11
Additional information	Physical feedback was taken from the audience Overall feedback was excellent

Name of Coordinator/ teacher in-charge:

Ms. Ashwini Tilak

Two Geo tagged photos:

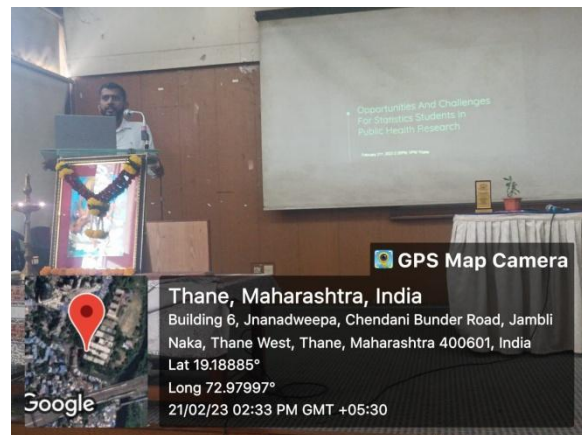
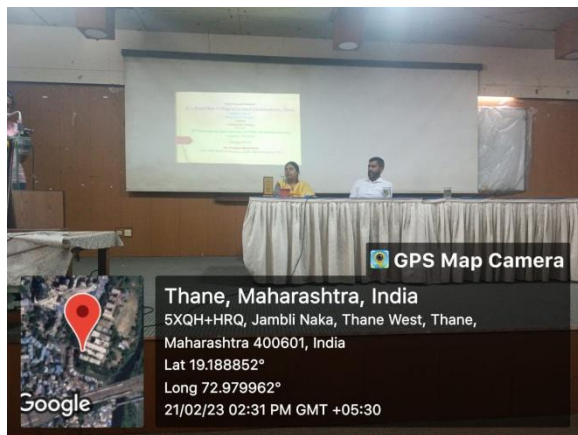


Colloquium lecture on Opportunities and challenges in public health research for statistics students

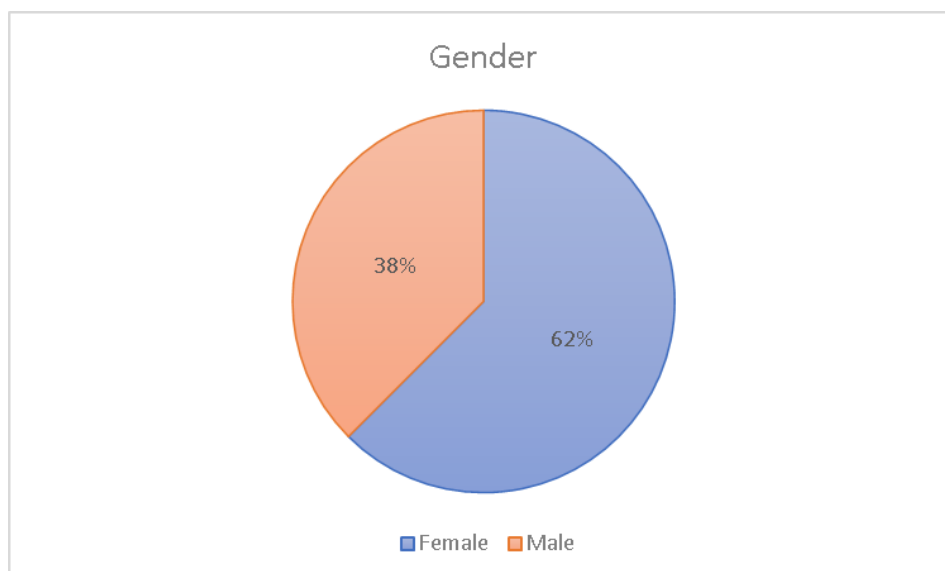
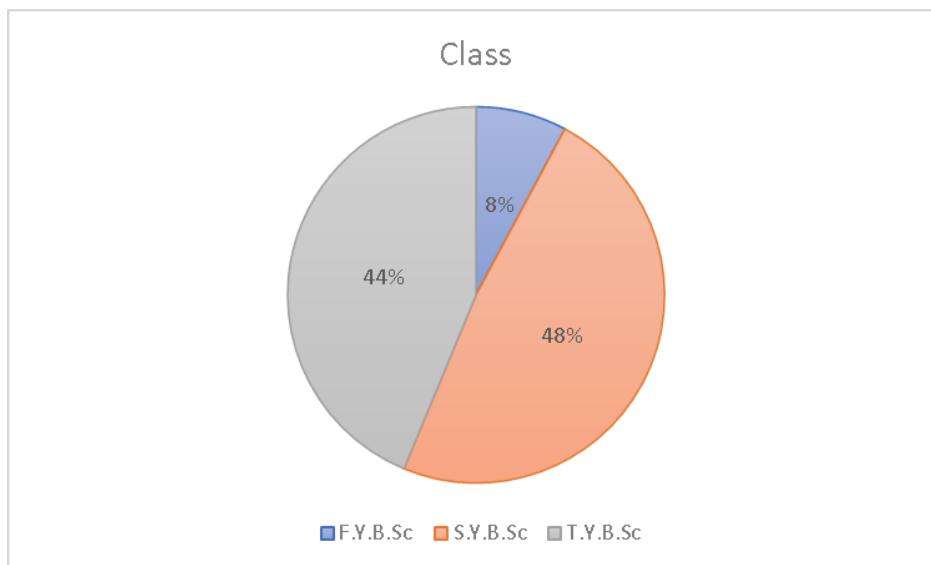
Name of activity	Colloquium Lecture (Opportunities and challenges in public health research for statistics students)
Objectives of the activity (maximum 40 words)	To create awareness regarding the opportunities and challenges in public health research for Statistics students
Organizing department/s	Department of Statistics
Collaborative institute	Ms. Sumaiya Shaikh
Date (DD / MM / YYYY)	21 / 02 / 2023 02.00 p.m. – 03:30 p.m.
venue	Patanjali Auditorium
Mode	Offline
Details of Resource person (name, designation, institution)	Prashant Bhandarkar, (M.Sc., MPS) Medical Statistician, BARC Doctoral Student, TISS
Key Participants	Prashant Bhandarkar
Remarkable outcomes/ key take-away messages (max. three)	<ul style="list-style-type: none"> • He gave a brief introduction by quoting “without data you are just another person with opinion” (W. Edward Deming). • He covers all the aspects of the career opportunities and challenges in public health research for statistics students. • He also shared his experience from health care setup. • He briefed each and every job choices and enlightened the students about various fields.
Details of participants	
Total Number	
Outsiders	
In-house	
	Faculty members: 04 students:77
	Male: female: others:
Additional information	

Name of Coordinator/ teacher in-charge: Ms.Priyanka Chavan

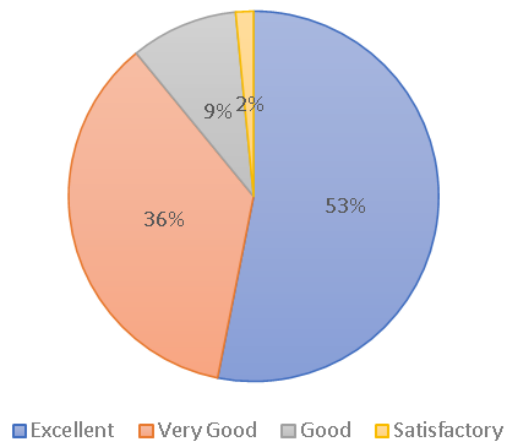
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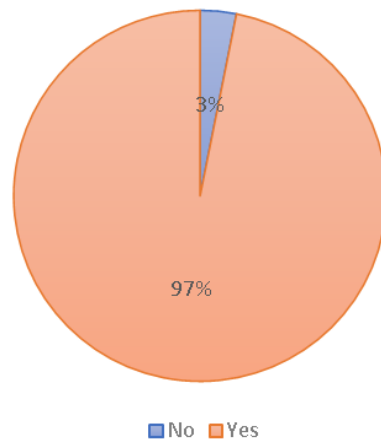
Graphical representation of feed-back:



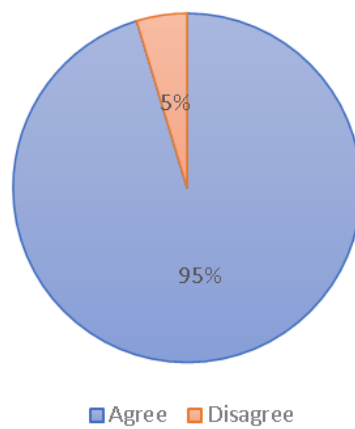
How was the session?



Did you find the guest lecture useful?



Speaker provided the information that was unknown for you?



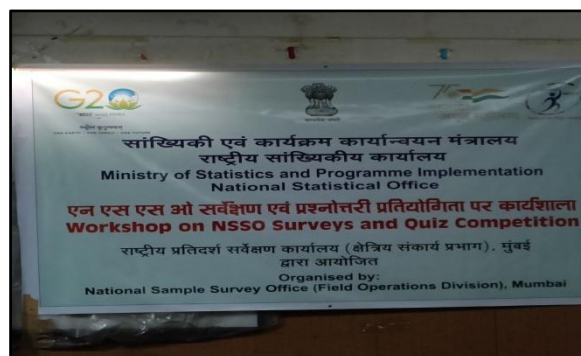
Colloquium Lecture on Indian Statistical System and Sample Survey

Name of activity	Colloquium Lecture (Indian Statistical System and Sample Survey)
Objectives of the activity (maximum 40 words)	The Department of Statistics organized a colloquium lecture to provide guidance and assistance regarding the career opportunities in NSSO (government sector) to the statistics students.
Organizing department/s	Department of Statistics
Collaborative institute	NIL
Date (DD / MM / YYYY)	22/02/2023 11:00 a.m. – 01:00 p.m.
venue	Patanjali Auditorium
Mode	Offline
Details of Resource person (name, designation, institution)	Smt Supriya Roy, (ISS) Deputy Director General, National Statistical Office, Mumbai.
Key Participants	<ol style="list-style-type: none"> 1. Shri K. Rajagopal, Senior Statistical Officer and Head of Office. 2. Shri Prashant Karwadikar, Senior Statistical Officer and Incharge of Sub Regional Office, Thane 3. Shri Mahesh Patil, Senior Statistical Officer, Thane 4. Shri Narendra Patil, Senior Statistical Officer, Regional Office, Mumbai
Remarkable outcomes/ key take-away messages (max. three)	<ul style="list-style-type: none"> ● Smt. Roy briefed the students about the various career options like Deputy Director general, deputy general, engaging in the government sector. She threw light on the important uses of various surveys like poverty estimation, estimation of literacy rates, estimation of disability, etc. ● The audiences were satisfied by the session which provided them with an insight about various job opportunities in the government sector. ● The students gained information about various opportunities available to them after their graduation. ● Along with the lecture a small quiz competition was conducted based on the statistics. Students were actively involved in this activity. ● As the students at a juncture where they will take major decisions about their career choice and higher

	education the knowledge learnt for the lecture will prove to be extremely useful.
Details of participants	
Total Number	
Outsiders	-
In-house	
	Faculty members: 04 students: 97
	Male: female: others:
Additional information	

Name of Coordinator/ teacher in-charge: Ms. Tanzim Shaikh

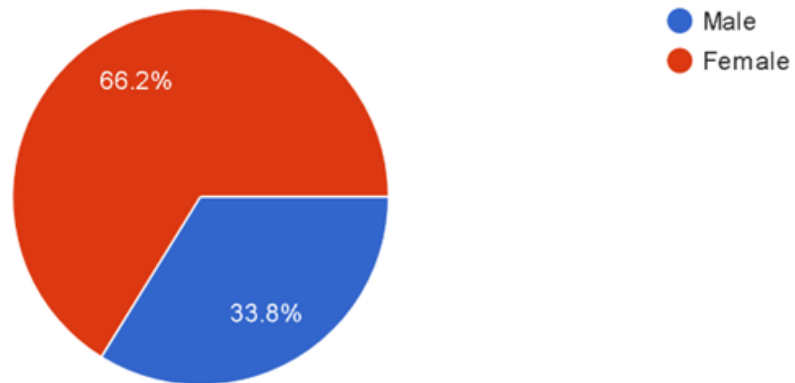
Two Geo tagged photos:



Graphical representation of feed-back:

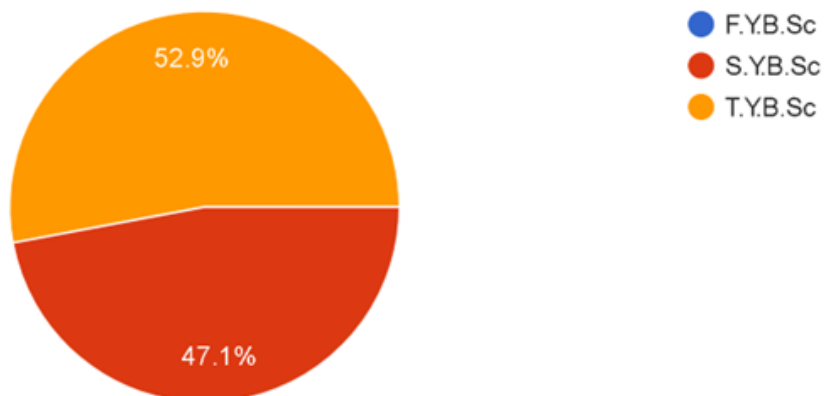
Gender

68 responses



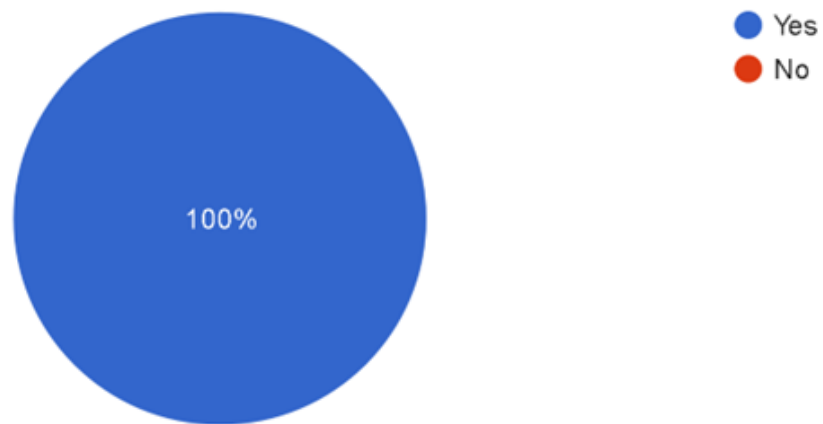
Class

68 responses



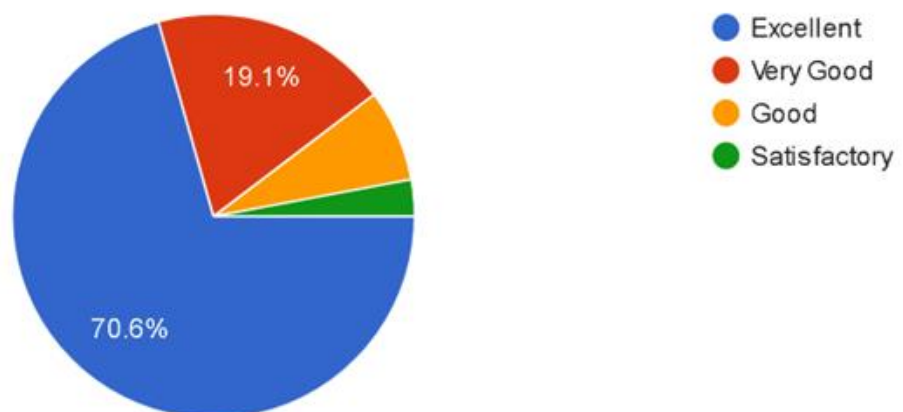
Did you find the guest lecture useful?

68 responses



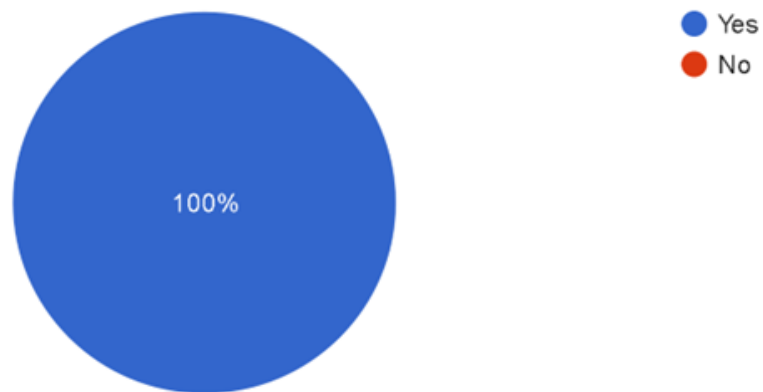
How was the session?

68 responses



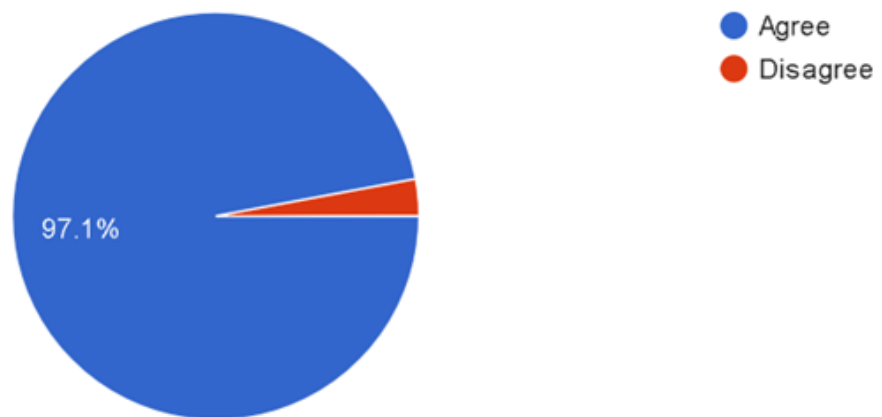
Did you find the topic beneficial?

68 responses



Speaker provided the information that was unknown for you?

68 responses



VPM's B.N. Bandodkar College of Science (Autonomous), Thane (W)

Department of Chemistry

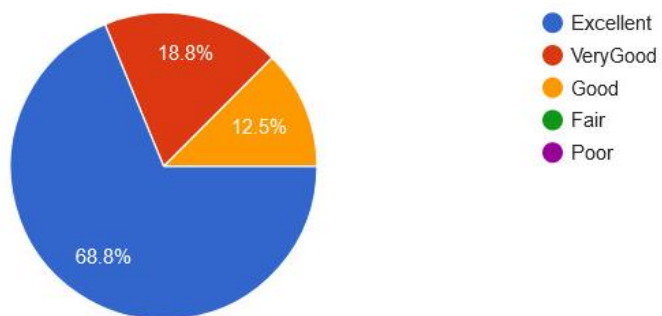
The workshop on “Disposal of Chemical waste in UG-PG chemistry Laboratories - Recycle and Reuse “

Name of the activity	Disposal of Chemical waste in UG-PG chemistry Laboratories - Recycle and Reuse
Objectives of the activity	To make the equivalent of acidic toilet cleaner (In marker such as acidic cleaner are available with an acid concentration of 10 to 20 %
Organizing Departments	Department of Chemistry
Date	14/12/2022 ,15/12/2022 and 17/12/2022
Venue	Senior Chemistry Laboratory and Physical Chemistry Laboratory
Mode	Offline
Details of Research Person	Mr. Vishwas Joshi CEO, Chiral Green Consultancy, Thane
Key Recipients	Students and non-teaching staff
Remarkable Outcome	<ul style="list-style-type: none">● Unlabelled chemicals were Classified on the basis of pH. All Unlabelled Disposable Chemicals are segregated and tested for their solubility in water● Recycling and reuse of disposable chemicals such as -Disposable acids and other chemicals were used for the formulation of stain remover which is equivalent toilet cleaners of 10 to 20 % concentration equivalent to commercially available toilet cleaners● Putty formulation of aqueous and solvent-based Paints using organic acids, neutral compounds, surfactants, water, etc.
Details of Participants	<ul style="list-style-type: none">● Bandodkar College Teaching and Non-teaching staff● Students from Chemistry Department

Total Number	30
	Teaching: 7 Non-teaching- 10 Students: 13



Feed back-



Name of the Incharge : Dr. Anita Goswami-Giri
Professor and Head ,
Department of Chemistry