

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST**Report: Experiential Participative Learning techniques used – 2022-23**Name of the teacher: **Ms. Kriti Pant**Department: **Biochemistry**

S.no.	Class	Course code	Paper name	Techniques used	Brief Details	Used for continuous internal assessment (yes or no)
1	PGDFTN	SIPGDFTN11	Food Science	1. Student presentation 2. Class discussion 3. Food exhibitions	Students were asked to present on topics based on the concepts already taught in the class.	Yes, projects and assignments were considered for internal assessment
2	PGDFTN	SIPGDFTN13	Food regulatory and QMS-I	1. Case studies 2. Comparative study	Various food products market comparison was done w.r.t Indian and International scenario.	Yes, projects and assignments were considered for internal assessment
3	PGDFTN	SIPGDFTN14	Research Methodology; Soft Skills I	1. Class assignments 2. Case studies 3. Soft skills workshop 4. FPD Proposal	Workshop related to industrial skills, leadership qualities, meditation was conducted. Students were asked to present a proposal for their new product formulation.	Yes, projects and assignments were considered for internal assessment
4	PGDFTN	SIPGDFTN21	Food Technology	1. Industrial Visits 2. Class presentation 3. Visit to food processing unit 4. Processing demonstration via practical and videos	Students were taken to various food processing industries such as khakhra, honey, jam, cheese, etc., for which they	Yes, class reports were considered for internal assessment

				5. Research paper presentation	were asked to present a report. Few demonstrations of specific product processing were given in laboratory.	
5	PGDFTN	SIPGDFTN23	Food regulatory and QMS-II	1. Packaging lab visit 2. Marketing workshop 3. Entrepreneurship workshop 4. Soft skills workshop 5. Report presentation 6. Class demo	Students were taken to food package testing lab where various tests like burst, tensile, drop, etc. were demonstrated. Workshop on time management, team building, stress management, etc. was conducted.	Yes
6	PGDFTN	SIPGDFTN24	Statistics in Research	1. SPSS demo 2. Mendeley demo 3. Talk on Scientific Writing & plagiarism	Demo lecture was conducted for statistical analysis tools like excel, SPSS, etc.	No
7	MSc. I Biochemistry	SIPSBCH23	Industrial biochemistry; biotechnology	Group discussion	Discussions on food product labels, spoilage, prevention of adulteration, etc.	No



Signature of the teacher

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

Report: Experiential Participative Learning techniques used- 2021-22

(Note: Please mail this report to iqac.siesascsw@gmail.com)

Name of the teacher: Ms. Anju Angel James

Department: Biotechnology

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	FYBSc (BT)	SIUSBT11	Introduction to Biotechnology	Debate: (Topic: rDNA technology – Boon or bane)	Students were divided into two groups and debated on advantages and disadvantages of rDNA technology.	No
2	SYBSc (BT)	SIUSBT41	Biochemistry	Quiz: Disorders due to impaired amino acid metabolism	Questions in the form of quiz.	No
3	TYBSc (BT)	SIUSBT64	Environmental Biotechnology	Presentation (Topic: Renewable energy resources)	Students were asked to present on renewable energy resources and current policies	No
4	MSc- 1 (BT)	SIPSBT13 & SIPSBT14	Molecular Biology I & Biochemical and Biophysical Techniques	Student Presentation	Students were a given a particular topic to present	Yes
5	MSc- 1 (BT)	SIPSBT21 & SIPSBT22,	Biochemistry II & Immunology II	Student Presentation	Students were a given a particular topic to present	Yes
7	MSc- 2 (BT)	SIPSBT31 & SIPSBT32	PTC and ATC & Medical Microbiology,	Student Presentation	Students were a given a particular topic to present	Yes
8	MSc- 2 (BT)	SIPSBT41 & SIPSBT42,	Nanotechnology & GMO and Environment	Student Presentation	Students were a given a particular topic to present	Yes



Signature of the teacher

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

Report: Experiential Participative Learning techniques used- 2021-22

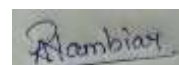
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Name of the teacher: Archana Balagoapalan Nambiar

Department: Biotechnology

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	TYBSc BT	SIUSBT55	Biosafety	Student Presentation(Topic Bioethics in Biotechnology research)	Students were asked to present on their point of view on Bioethics in research	NO
2	SYBSc BT	SIUSBT31	Biophysics	Student Presentation (Application and detection methods in Electrophoresis)	Students were divided into groups and were asked to give presentation on electrophoresis application	NO
3	SYBSc BT	SIUSBT44	Environmental Biotechnology	Student Presentation(On Bioreactors)	Students were asked to present on different types of bioreactors used in ex-situ bioremediation technique	NO
4	FYBSc BT	SIUSBT23	Plant and Animal Physiology	Student Presentation (On Alimentary Canal)	Students had to present on different parts of alimentary canal.	No
5	MSc-1 BT	SIPSBT11	Biochemistry	Student Presentation (Neurochemistry-Senses)	Students had to present on 5 different senses.	NO

6	MSc-1 BT	SIPSBT13 & SIPSBT14	Molecular Biology I & Biochemical and Biophysical Techniques	Student Presentation	Students were a given a particular topic to present	YES
7	MSc-1 BT	SIPSBT21 & SIPSBT22,	Biochemistry II & Immunology II	Student Presentation	Students were a given a particular topic to present	YES
8	MSc-2	SIPSBT31 & SIPSBT32	PTC and ATC & Medical Microbiology,	Student Presentation	Students were a given a particular topic to present	YES
9	MSc- 2	SIPSBT41 & SIPSBT42,	Nanotechnology & GMO and Environment	Student Presentation	Students were a given a particular topic to present	YES
10	SYBScBT	Practical	Practical	Internship	IWSA-SIES Internship program on “Evolution of Microscope with Biotechnology and Microbiology Research”	No
11	SYBSc BT	Practical	Practical	Internship	IWSA-SIES Internship program on “Construction of Promoter - probe Vector for the Assessment of Divergent Promoters in Bacteria”	No



Signature of the Teacher

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

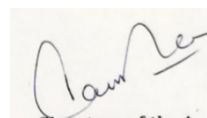
Report: Experiential Participative Learning techniques used- 2021-22

(Note: Please mail this report to iqac.siesascsw@gmail.com)

Name of the teacher: Mr. Prajith Nambiar

Department: Biotechnology

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	TYBSc (BT)	SIUSBT51	Cell Biology	Student Presentation (Topic: Recent developments in Cancer)	Students were asked to present a topic previously taught in class	No
2	TYBSc (BT)	SIUSBT62	Industrial Microbiology	Cardboard Model (Topic: Downstream filters)	Cardboard models were created to teach a topic to understand the working of industrial filters	No
3	TYBSc (BT)	SIUSBT64	Environmental Biotechnology	Discussion (Topic: Waste generation and Management)	Students were asked to discuss the current waste generation in India and modern green methods to combat the pollution	No
4	MSc- 1 (BT)	SIPSBT13 & SIPSBT14	Molecular Biology I & Biochemical and Biophysical Techniques	Student Presentation	Students were a given a particular topic to present	Yes
5	MSc- 1 (BT)	SIPSBT21 & SIPSBT22,	Biochemistry II & Immunology II	Student Presentation	Students were a given a particular topic to present	Yes
7	MSc- 2 (BT)	SIPSBT31 & SIPSBT32	PTC and ATC & Medical Microbiology,	Student Presentation	Students were a given a particular topic to present	Yes
8	MSc- 2 (BT)	SIPSBT41 & SIPSBT42,	Nanotechnology & GMO and Environment	Student Presentation	Students were a given a particular topic to present	Yes



Signature of the teacher

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Name of the teacher: Priti Pravin Pandit

Department: Biotechnology

Sr. No.	Class	Course code	Name of the paper	Technique used	Brief Details (date and no of participants in case of an IV/ Field Trip)	Used for continuous Internal Assessment Yes/No
1.	TYBSC	Practical	Practical	Internship	IWSA-SIES Internship program on "Use of kitchen waste as an alternative media for growth of yeast"	No
2.	TYBSC	Practical	Practical	Internship	IWSA-SIES Internship program on "Marker-less deletion of mela gene in <i>Lactobacillus plantarum</i> " using the Cre-lox system.	No
3.	TYBSC	SIUSBT55	Biosafety	Student group presentation	Students were asked to do group presentations on "Different aspects of Biosafety in Research"	Yes
4.	TYBSC	SIUSBT64	Environmental Biotechnology	Student group presentation	Students were asked to do group presentations on "Wastewater treatment types and particulars"	Yes
5.	SYBSC	SIUSBT34	Cell Biology	Student group presentation	Students were asked to do group presentations on different topics for "Filaments of cytoskeleton"	Yes
6.	SYBSC	SIUSBT44	Environmental Biotechnology	Student group presentation	Students were asked to do group presentations on different topics for "Environmental pollution & problems associated and leading to depletion of nature welebing"	Yes
7.	MSC-I	SIPSBT14	Biophysical & Biochemical Techniques	Student presentation	Students were given topics to present related to Spectroscopy	Yes
7.	MSC-I	SIPSBT24	Bioprocess Technology	Student presentation	Students were given topics to present related to Fermentation	Yes

P. P. Pandit.

Signature of the teacher

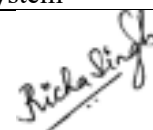
SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST**Report: Experiential Participative Learning techniques used- 2021-22**

Name of the teacher: Dr. Richa Singh

Department: Biotechnology

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	SYBSc (BT)	SIUSBT34	Cell Biology and cytogenetics	Problem solving assignment	Problems based on genetic inheritance, pedigree analysis, risk calculation	No
2	SYBSc (BT)	SIUSBT37	Research Methodology	Article Review; Student Presentation	Summary of scientific paper and presentation of research paper	Yes
3	SYBSc (BT)	SIUSBT45	Bioinformatics and Biostatistics	Written Assignment	Assignment on correlation, regression, Normal distribution	No
4	TYBSc (BT)	SIUSBT52	Medical Microbiology & Instrumentation	Problem solving assignment	Problems based on NMR and its interpretation	No
5	TYBSc (BT)	SIUSBT63	Pharmacology and Neurochemistry	Case studies	Interpretation of pharmacogenetics and resolution	No
6	MSc- 1 (BT)	SIPSBT13 & SIPSBT14	Molecular Biology I & Biochemical and Biophysical Techniques	Student Presentation	Students were given a particular topic to present	Yes
7	MSc- 1 (BT)	SIPSBT21 & SIPSBT22	Biochemistry II & Immunology II	Student Presentation	Students were given a particular topic to present	Yes
8	MSc- 2 (BT)	SIPSBT31 & SIPSBT32	PTC and ATC &	Student Presentation	Students were given a	Yes

			Medical Microbiology		particular topic to present	
9	MSc- 2 (BT)	SIPSBT34	Biostatistics	Written Assignment	Problems on probability distribution, correlation, regression and parametric tests	Yes
10	MSc- 2 (BT)	SIPSBT41 & SIPSBT42	Nanotechnology & GMO and Environment	Student Presentation	Students were given a particular topic to present	Yes
11	TYBSc (BT)	SIUSBTP67	Pharmacology - Neurochemistry and Environmental Biotechnology	Internship	IWSA-SIES Internship program on "Use of plants to produce bioethanol – An alternative fuel to petrol"	No
12	TYBSc (BT)	SIUSBTP67	Pharmacology - Neurochemistry and Environmental Biotechnology	Internship	IWSA-SIES Internship program on "Rapid and efficient genome editing in Staphylococcus aureus by using an engineered CRISPR/Cas9 system"	No



Signature of the teacher

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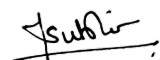
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Name of the teacher: Dr. Subi Yoosuf

Department: Biotechnology

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	TYBSc (BT)	SIUSBT51	Cell Biology	Student Presentation (Topic: Developmental Biology)	Students were asked to present a topic previously taught in class	No
2	TYBSc (BT)	SIUSBT52	Medical Microbiology & Instrumentation	Student Presentation (Topic: Antimicrobial drug)	Students were asked to present a topic previously taught in class	No
3	TYBSc (BT)	SIUSBT54	Marine Biotechnology	Student Presentation (Topic: Introduction to Marine Biotechnology)	Students were asked to present a topic previously taught in class	No
4	TYBSc (BT)	SIUSBT62	Industrial Microbiology	Student Presentation (Topic: Dairy Microbiology)	Students were asked to present a topic previously taught in class	No
5	TYBSc (BT)	SIUSBT61	Pharmacology & Neurochemistry	Student Presentation (Topic: Neurochemistry)	Students were asked to present a topic previously taught in class	No
6	TYBSc (BT)	SIUSBT61	Agribiotechnology	Student Presentation (Topic: Biofertilizers & Biopesticides)	Students were asked to present a topic previously taught in class	No
7	MSc- 1 (BT)	SIPSBT13 & SIPSBT14	Molecular Biology I & Biochemical and Biophysical Techniques	Student Presentation	Students were a given a particular topic to present	Yes
8	MSc- 1 (BT)	SIPSBT21 & SIPSBT22,	Biochemistry II & Immunology II	Student Presentation	Students were a given a particular topic to present	Yes
9	MSc- 2 (BT)	SIPSBT31 & SIPSBT32	PTC and ATC & Medical Microbiology,	Student Presentation	Students were a given a particular topic to present	Yes

10	MSc- 2 (BT)	SIPSBT41 & SIPSBT42,	Nanotechnology & GMO and Environment	Student Presentation	Students were a given a particular topic to present	Yes
11	TYBSc (BT)	SIUSBTP67	Pharmacology - Neurochemistry and Environmental Biotechnology	Internship	IWSA-SIES Internship program on “Carbon footprint and climate change”	No
12	TYBSc (BT)	SIUSBTP67	Pharmacology - Neurochemistry and Environmental Biotechnology	Internship	IWSA-SIES Internship program on “Construction of integrative expression vector for Lactococcus lactis for steady and improved synthesis of short chain fatty acids”	No



Signature of the teacher

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST**Report: Experiential Participative Learning techniques used- 2021-22**

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Name of the teacher: Ms. Vibha Deepak Ail

Department: Biotechnology

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	FYBSc (BT)	SIUSBT12	Bioorganic chemistry	Written Assignment: Structures and details of amino acids	Students were asked to tabulate and submit an assignment on amino acids taught in class	No
2	SYBSc (BT)	SIUSBT36	Bioprocess technology	Written Assignment: Examples of Algae used in Industrial process	Different examples from all the students were compiled into a single document and shared with the class.	No
3	SYBSc (BT)	SIUSBT41	Biochemistry	Student presentation: Lipid storage disorders	Groups were given a particular topic to present	No
4	TYBSc (BT)	SIUSBT64	Environmental Biotechnology	Student presentation: Different types of waste and its management	Students were asked to discuss the current waste generation in India and modern green methods to combat the pollution	No
5	MSc- 1 (BT)	SIUSBT14	Biochemical and Biophysical Techniques	Student presentation	Groups were given Microscopic techniques to present	No
4	MSc- 1 (BT)	SIPSBT13 & SIPSBT14	Molecular Biology I & Biochemical and Biophysical Techniques	Student Presentation	Students were a given a particular topic to present	Yes
5	MSc- 1 (BT)	SIPSBT21 & SIPSBT22,	Biochemistry II & Immunology II	Student Presentation	Students were a given a particular topic to present	Yes
7	MSc- 2 (BT)	SIPSBT31 & SIPSBT32	PTC and ATC & Medical Microbiology,	Student Presentation	Students were a given a particular topic to present	Yes
8	MSc- 2 (BT)	SIPSBT41 & SIPSBT42,	Nanotechnology &	Student Presentation	Students were a given a particular topic to present	Yes

			GMO and Environment			
9	TYBSc (BT)	SIUSBTP67	Pharmacology - Neurochemistry and Environmental Biotechnology	Internship	IWSA-SIES Internship program on “Bioremediation of Wastewater using microbes”	No
10	TYBSc (BT)	SIUSBTP67	Pharmacology - Neurochemistry and Environmental Biotechnology	Internship	IWSA-SIES Internship program on “In-silico design and simulation of genome-integrated orthogonal drug screening platform for the identification of anti-virulence agent by targeting a master virulence regulator in <i>Vibrio vulnificus</i> ”	No



Mrs. Vibha Deepak Ail
Signature of the teacher


**SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE,
AUTONOMOUS, SION WEST**

Report: Experiential Participative Learning techniques used- 2021-2022

DEPARTMENT OF MASS MEDIA

Name of the teacher: Dr. Vaneeta Raney

Sr. No.	Class	Course code	Name of the paper	Technique used	Brief Details	Used for continuous us Internal Assessment Yes/No
1	FYBAMMC	SIUBAMMC14	Fundamentals Of Mass Communication (FMC)	Role-play	Peek- a- Boo in history and role-play mass communicators from political to corporate environment	Yes
2	FYBAMMC	SIUBAMMC25	Introduction To Journalism (ITJ)	News Bulletin video	Conduct all news operations from reporting to presenting news	Yes
3	SYBAMMC	SIUBAMMC32	Corporate Communication And Public Relations (CCPR)	Mock Press conference	Simulation of press Conference on the corporate brands in crisis or inventions	Yes
4	SYBAMMC	SIUBAMMC32	Writing And Editing For Media (WEM)	Interview	Conduct interviews from framing questionnaire to reporting in column form respectively.	Yes
5	TYBAMMC	SIUBAMMCA51	Copywriting (CW)	Case Studies	With the creative brief of clients solve a case study with the copy brief responses	Yes


Signature of the Head of the Department

**SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE,
AUTONOMOUS, SION WEST**

Report: Experiential Participative Learning techniques used- 2021-2022

DEPARTMENT OF MASS MEDIA

6	TYBAMMC	SIUBAMMCJ53	Writing And Editing Skills (WES)	Review writing	From editing the paragraphs of articles to food, movie, travel review writing for columns	Yes
7	TYBAMMC	SIUBAMMCA62	Advertising Design (AD)	Project Report	Making an advertising campaign brand portfolio for Viva voce examination	Yes
8	TYBAMMC	SIUBAMMCJ64	Lifestyle Journalism (LJ)	Article Writing	Composing articles on soft news and feature writing on lifestyle brands and consumer culture.	Yes

Ruchita

Signature of the teacher

Name of the teacher: Mrs. Ruchita Karmokar

Sr. No.	Class	Course code	Name of the paper	Technique used	Brief Details	Used for continuous Internal Assessment Yes/No
1	FYBAMMC	SIUBAMMC16	History Of Media (HOM)	Presentation	Making of presentation on the regional journalism and media icons for study of personality profiles	Yes

Ruchita

Signature of the Head of the Department

**SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE,
AUTONOMOUS, SION WEST**

Report: Experiential Participative Learning techniques used- 2021-2022

DEPARTMENT OF MASS MEDIA

2	SYBAMMC	SIUBAMMC311& 41	Electronic Media-I and II	Dialogue writing	Script writing in Radio and Storyboarding in Television	Yes
3	SYBAMMC	SIUBAMMC35 & 45	Film Communication- I and II	Dialogue writing and Making of a Movie	Scripting to Enactment all the roles of a Movie/film communication via shooting the cine scenes.	Yes
4	SYBAMMC	SIUBAMMC43	Media Laws And Ethics (MLE)	Case Studies	Studying the environment of law and order with media related cases and ethical orientation	Yes
5	TYBAMMC	SIUBAMMCA63	Advertising In Contemporary Society (ACS)	Case Studies	Understanding global media and international advertising environment with the marketing study.	Yes
6	TYBAMMC	SIUBAMMCJ51	Reporting (REPO)	Role play	Conduct all investigative operations from reporting to presenting news	Yes



Signature of the teacher



Signature of the Head of the Department

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS,**SION (WEST) MUMBAI: 400022****DEPARTMENT OF BOTANY****Report of Experiential Participative Learning techniques used- 2021-22****Name of the teacher:** Dr. Mahavir Gosavi

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	FYBSc	SIUSBOT 11, 21	Plant Diversity I	Written assignments	Assignments were given for writing	Yes
2	FYBSc	SIUSBOT 12, 22	Forms & Function I	Written assignments	Assignments were given for writing	Yes
3	SYBSc	SIUSBOT 31, 41	Plant Diversity II	Written assignments	Assignments were given for writing	Yes
4	SYBSc	SIUSBOT 32, 42	Forms & Function II	Written assignments	Assignments were given for writing	Yes
5	SYBSc	SIUSBOT 33, 43	Current Trends in Plant Science I	Written assignments	Assignments were given for writing	Yes
6	TYBSc	SIUSBOT 51, 61	Plant Diversity III	Written assignments	Assignments were given for writing	Yes
7	TYBSc	SIUSBOT 52, 62	Plant Diversity IV	Written assignments	Assignments were given for writing	Yes
8	TYBSc	SIUSBOT 53, 63	Forms & Function III	Written assignments	Assignments were given for writing	Yes
9	TYBSc	SIUSBOT 54, 64	Current Trends in Plant Science IV	Written assignments	Assignments were given for writing	Yes
10	FYBSc	SIUSBOT 12	Plant Diversity I	Problem Solving	Problem based on Genetics and Biostatistics were given for understanding the concept	No
				Homework	Home assignments via Google class room	No
11	FYBSc	SIUSBOT 22	Plant Diversity I	Field Visit	Online field visit due to pandemic condition	Yes
12	SYBSc	SIUSBOT 31	Plant diversity II	Field Visit	Online field visit due to pandemic condition	Yes
13	TYBSc	SIUSBOT 52	Plant diversity IV	Field Visit	Online field visit due to pandemic condition	Yes


Head, Department of Botany

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS,

SION (WEST) MUMBAI: 400022

DEPARTMENT OF BOTANY

Report of Experiential Participative Learning techniques used- 2021-22

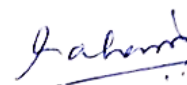
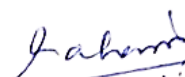
14	TYBSc	SIUSBOT 62	Plant diversity IV	Field Visit	Online field visit due to pandemic condition	Yes
15	SYBSc	SIUSBOT 32, 42	Forms & Function II	Problem Solving	Problem based on Molecular biology and Cytogenetics were given for understanding the concept	No
				Homework	Home assignments via Google class room	No
16	SYBSc	SIUSBOT 43	Current Trends in Plant Science I	Problem Solving	Problem based on Bioinformatics given for understanding the concept	No
				Homework	Home assignments via Google class room	No
17	TYBSc	SIUSBOT63	Forms & Function III	Problem Solving	Problems based on Simpson's Diversity Index were given for solving	No
				Homework	Home assignments via Google class room	No
18	TYBSc	SIUSBOT63	Forms & Function III	Problem Solving	Problem based on Gene Mapping given for understanding the concept	No
				Homework	Home assignments via Google class room	No
19	TYBSc	SIUSBOT63	Forms & Function III	Problem Solving	Problem based on Gene Mutations given for understanding the concept	Yes
				Homework	Home assignments via Google class room	No
20	MSc II	SIPSBOTCP 34	Molecular Biology and Cytogenetics	Project	Research project with dissertation & Viva	No



Head, Department of Botany

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21	MSc II	SIPSBOTCP 44	Molecular Biology and Cytogenetics	Project	Research project with dissertation & Viva	No
22	MSc II	SIPSBOT 32, 42	Molecular Biology	Online seminar	Online seminars conducted based on topics given	Yes
23	MSc II	SIPSBOT 31, 43	Instrumentatio n and Techniques	Online resources	Online videos shown for better understanding of practicals	No
24	FYBSc	SIUSBOT 11, 21	Plant Diversity I	Online resources	Online videos shown for better understanding of practicals	No
		SIUSBOT 12, 22	Forms & Function I	Online resources	Online videos shown for better understanding of practicals	No
25	SYBSc	SIUSBOT 31, 41	Plant Diversity II	Online resources	Online videos shown for better understanding of practicals	No
		SIUSBOT 32, 42	Forms & Function II	Online resources	Online videos shown for better understanding of practicals	No
		SIUSBOT 33, 43	Current Trends in Plant Science I	Online resources	Online videos shown for better understanding of practicals	No
26	TYBSc	SIUSBOT 52, 62	Plant Diversity IV	Online resources	Online videos shown for better understanding of practicals	No
27	TYBSc	SIUSBOT 53, 63	Forms & Function III	Online resources	Online videos shown for better understanding of practicals	No

**Signature of the teacher****Head, Department of Botany**

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS,**SION (WEST) MUMBAI: 400022****DEPARTMENT OF BOTANY****Report of Experiential Participative Learning techniques used- 2021-22****Name of the teacher:** Mrs. Ashwini Deshpande

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	FYBSc	SIUSBOT 11, 21	Plant Diversity I	Written assignments Diagrams drawing and uploading in classroom	Assignments were given for writing Videos were shown to explain energy flow models	Yes
2	FYBSc	SIUSBOT 12, 22	Forms & Function I	Written assignments Diagrams drawing and uploading in classroom Online credit course conducted on virtual excursion to Mahim Nature Park	Assignments were given for writing Detail notes with Anatomy diagrams – scanned and uploaded Assignment questions were given as online quiz based on Virtual excursion to Mahim Nature Park	Yes
3	SYBSc	SIUSBOT 31, 41	Plant Diversity II	Written assignments Diagrams drawing and uploading in classroom	Assignments were given for writing Detail notes with diagrams – scanned and uploaded	Yes
4	SYBSc	SIUSBOT 32, 42	Forms & Function II	Written assignments Diagrams drawing and uploading in classroom	Assignments were given for writing Detail notes with diagrams – scanned and uploaded	Yes

**Head, Department of Botany**

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS,**SION (WEST) MUMBAI: 400022****DEPARTMENT OF BOTANY****Report of Experiential Participative Learning techniques used- 2021-22**

5	SYBSc	SIUSBOT 33, 43	Current Trends in Plant Science I	Written assignments Diagrams drawing and uploading in classroom	Assignments were given for writing Detail notes with diagrams – scanned and uploaded	Yes
6	TYBSc	SIUSBOT 51, 61	Plant Diversity III	Written assignments Diagrams drawing and uploading in classroom	Assignments were given for writing Videos were shown, scanned diagrams were uploaded	Yes
7	TYBSc	SIUSBOT 52, 62	Plant Diversity IV	Written assignments	Assignments were given for writing Detail notes with diagrams – scanned and uploaded	Yes
8	TYBSc	SIUSBOT 53, 63	Forms & Function III	Written assignments	Assignments were given for writing Videos were shown, scanned diagrams were uploaded	Yes
9	TYBSc	SIUSBOT 54, 64	Current Trends in Plant Science IV	Written assignments	Assignments were given for writing Videos were shown, scanned diagrams were uploaded	Yes
10	MSc II	SIPSBOT 34	Biostatistics	Online explanation of concepts. Uploading of solved examples.	Homework was given to solve the problems and uploading and checking of problems via google classroom	No
11	MSc II	SIPSBOT 44	Instrumentatio n and Techniques	Online resources	Online videos shown for better understanding of techniques	No
12	MSc II	SIPSBOT 32, 42	Instrumentatio n and Techniques	Online resources	Online videos shown for better understanding of techniques	Yes

**Head, Department of Botany**

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS,

SION (WEST) MUMBAI: 400022

DEPARTMENT OF BOTANY

Report of Experiential Participative Learning techniques used- 2021-22

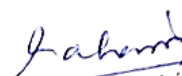
13	MSc II	SIPSBOT 31, 43	Instrumentation and Techniques	Online resources	Online videos shown for better understanding of techniques mentioned in the syllabus	Yes
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Signature of the teacher

Name of the teacher: Dr. Neeraja Tutakne

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	FYBSc	SIUSBOT 11, 21	Plant Diversity I	Written assignments	Assignments were given for writing	Yes
2	FYBSc	SIUSBOT 12, 22	Forms & Function I	Written assignments	Assignments were given for writing	Yes
3	SYBSc	SIUSBOT 31, 41	Plant Diversity II	Written assignments	Assignments were given for writing	Yes
4	SYBSc	SIUSBOT 32, 42	Forms & Function II	Written assignments	Assignments were given for writing	Yes
5	SYBSc	SIUSBOT 33, 43	Current Trends in Plant Science I	Written assignments	Assignments were given for writing	Yes
6	TYBSc	SIUSBOT 51, 61	Plant Diversity III	Written assignments	Assignments were given for writing	Yes
7	TYBSc	SIUSBOT 52, 62	Plant Diversity IV	Written assignments	Assignments were given for writing	Yes
8	TYBSc	SIUSBOT 53, 63	Forms & Function III	Written assignments	Assignments were given for writing	Yes



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9	TYBSc	SIUSBOT 54, 64	Current Trends in Plant Science IV	Written assignme nts	Assignments were given for writing	Yes
10	TYBSc - AC	SIUSACHOR 51, 62	Horticulture & Gardening I & II	Written assignme nts	Assignments were given for writing	Yes
11	TYBSc - AC	SIUSACHOR 51	Horticulture & Gardening I	Project	Students were given horticultural projects to perform and were asked to submit the report	No
12	TYBSc	SIUSBOT64	Current Trends in Plant Sciences II	Problem Solving	Problems based on Simpson's Diversity Index were given for solving	No
13	TYBSc	SIUSBOT64	Current Trends in Plant Sciences II	Video Making	Students were asked to prepare jam, jelly, squash & were asked to make & submit a video	
14	SYBSc	SIUSBOT 31	Plant diversity II	Field Visit	Online field visit due to pandemic condition	No
15	TYBSc	SIUSBOT 52	Plant diversity IV	Field Visit	Online field visit due to pandemic condition	No
16	MSc II	SIPSBOTCP 34	Molecular Biology and Cytogenetics	Project	Research project with dissertation & Viva	No
17	MSc II	SIPSBOTCP 44	Molecular Biology and Cytogenetics	Project	Research project with dissertation & Viva	No

18/04/2022

Signature of the teacher

Name of the teacher: Dr. V. Vishnuprasad


Sr. No	Class	Course code	Name of the paper	Techniq ue used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	FYBSc	SIUSBOT 11, 21	Plant Diversity I	Written assignme nts	Assignments were given for writing	Yes

J. Abhond

Head, Department of Botany

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS,**SION (WEST) MUMBAI: 400022****DEPARTMENT OF BOTANY****Report of Experiential Participative Learning techniques used- 2021-22**

2	FYBSc	SIUSBOT 12, 22	Forms & Function I	Written assignme nts	Assignments were given for writing	Yes
3	SYBSc	SIUSBOT 31, 41	Plant Diversity II	Written assignme nts	Assignments were given for writing	Yes
4	SYBSc	SIUSBOT 32, 42	Forms & Function II	Written assignme nts	Assignments were given for writing	Yes
5	SYBSc	SIUSBOT 33, 43	Current Trends in Plant Science I	Written assignme nts	Assignments were given for writing	Yes
6	TYBSc	SIUSBOT 51, 61	Plant Diversity III	Written assignme nts	Assignments were given for writing	Yes
7	TYBSc	SIUSBOT 52, 62	Plant Diversity IV	Written assignme nts	Assignments were given for writing	Yes
8	TYBSc	SIUSBOT 53, 63	Forms & Function III	Written assignme nts	Assignments were given for writing	Yes
9	TYBSc	SIUSBOT 54, 64	Current Trends in Plant Science IV	Written assignme nts	Assignments were given for writing	Yes
10	TYBSc - AC	SIUSACHOR 51, 62	Horticulture & Gardening I & II	Written assignme nts	Assignments were given for writing	Yes
11	TYBSc - AC	SIUSACHOR 51	Horticulture & Gardening I	Project	Students were given horticultural projects to perform and were asked to submit the report	No
12	TYBSc	SIUSBOT62	Plant Diversity IV	Diagram s practice	Students were asked to draw diagrams of anatomical sections and submit for assessment.	No
13	TYBSc	SIUSBOT51	Plant Diversity III	Diagram s practice	Students were asked to draw diagrams of plant structures and submit for assessment.	No
14	M.Sc.- II (EB)	SIPSBOTEB 33, 43	Ecology	Presentat ions	Students were made to present on related topics and also submit a	Yes

**Head, Department of Botany**

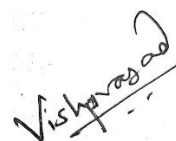
SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS,

SION (WEST) MUMBAI: 400022

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Report of Experiential Participative Learning techniques used- 2021-22

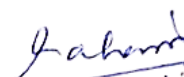
					brief write-up of the same.	
15	M.Sc.-II (EB)	SIPSBOTEB 34, 44	Recent trends and applied Environmental Botany	Presentations	Students were made to present on related topics and also submit a brief write-up of the same.	Yes



Signature of the teacher

Name of the teacher: Ms. Snehal Unde

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	FYBSc	SIUSBOT 11, 21	Plant Diversity I	Written assignments	Assignments were given for writing	Yes
2	FYBSc	SIUSBOT 12, 22	Forms & Function I	Written assignments	Assignments were given for writing	Yes
3	SYBSc	SIUSBOT 31, 41	Plant Diversity II	Written assignments	Assignments were given for writing	Yes
4	SYBSc	SIUSBOT 32, 42	Forms & Function II	Written assignments	Assignments were given for writing	Yes
5	SYBSc	SIUSBOT 33, 43	Current Trends in Plant Science I	Written assignments	Assignments were given for writing	Yes
6	TYBSc	SIUSBOT 51, 61	Plant Diversity III	Written assignments	Assignments were given for writing	Yes
7	TYBSc	SIUSBOT 52, 62	Plant Diversity IV	Written assignments	Assignments were given for writing	Yes



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8	TYBSc	SIUSBOT 53, 63	Forms & Function III	Written assignme nts	Assignments were given for writing	Yes
9	TYBSc	SIUSBOT 54, 64	Current Trends in Plant Science IV	Written assignme nts	Assignments were given for writing	Yes
10	TYBSc - AC	SIUSACHOR 51, 62	Horticulture & Gardening I & II	Written assignme nts	Assignments were given for writing	Yes
11	TYBSc - AC	SIUSACHOR 51	Horticulture & Gardening I	Project	Students were given horticultural projects to perform and were asked to submit the report	No
12	SYBSc	SIUSBOT 31	Plant diversity II	Field Visit	Online field visit due to pandemic condition	No
13	TYBSc - AC	SIUSACHOR 62	Horticulture & Gardening II	Field visit	Students were taken to horticultural exhibitions and were asked to submit the report	No
14	MSc II	SIPSBOTCP 34	Recent Trends & Applied Environment al Botany	Project	Research proposal & Viva	No
15	MSc II	SIPSBOTCP 44	Recent Trends & Applied Environment al Botany	Project	Research project with dissertation & Viva	No
16	MSc - I	SIPSBOT12	Plant Diversity – Spermatophy ta I Gymnosperm s and Angiosperms	Class Presentat ions / Class discussio ns	Students were given topics to prepare and present in front of the class. Class discussion was held on the given topic, after the presentation was over.	No
17	MSc - I	SIPSBOT22	Plant Diversity – Spermatophy ta II	Class Presentat ions / Class discussio ns	Students were given topics to prepare and present in front of the class. Class discussion was held on the given	No


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SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS,

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Report of Experiential Participative Learning techniques used- 2021-22

			Gymnosperms and Angiosperms		topic, after the presentation was over.	
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Sakshi A. Wale

Signature of the teacher

Name of the teacher: Mrs. Sakshi

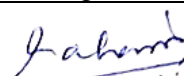
Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	FYBSc	SIUSBOT 11, 21	Plant Diversity I	Written assignments	Assignments were given for writing	Yes
2	FYBSc	SIUSBOT 12, 22	Forms & Function I	Written assignments	Assignments were given for writing	Yes
3	SYBSc	SIUSBOT 31, 41	Plant Diversity II	Written assignments	Assignments were given for writing	Yes
4	SYBSc	SIUSBOT 32, 42	Forms & Function II	Written assignments	Assignments were given for writing	Yes
5	SYBSc	SIUSBOT 33, 43	Current Trends in Plant Science I	Written assignments	Assignments were given for writing	Yes
6	TYBSc	SIUSBOT 51, 61	Plant Diversity III	Written assignments	Assignments were given for writing	Yes
7	TYBSc	SIUSBOT 52, 62	Plant Diversity IV	Written assignments	Assignments were given for writing	Yes
8	TYBSc	SIUSBOT 53, 63	Forms & Function III	Written assignments	Assignments were given for writing	Yes
9	TYBSc	SIUSBOT 54, 64	Current Trends in Plant Science IV	Written assignments	Assignments were given for writing	Yes
10	TYBSc - AC	SIUSACHOR 51, 62	Horticulture & Gardening I & II	Written assignments	Assignments were given for writing	Yes

J. A. Wale

Head, Department of Botany

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS,**SION (WEST) MUMBAI: 400022****DEPARTMENT OF BOTANY****Report of Experiential Participative Learning techniques used- 2021-22**

11	TYBSc - AC	SIUSACHOR 51	Horticulture & Gardening I	Project	Students were given horticultural projects to perform and were asked to submit the report	No
12	FYBSc	SIUSBOT11	Plant diversity I	Class Assignments	Students were given to draw and practice diagrams related to algae, their life cycle, etc., and finally submit on Google Classroom.	No
13	FYBSc	SIUSBOT22	Form and Function I	Class Assignments	Students were given to practice and draw schematic diagrams / representations of C ₃ , C ₄ , CAM pathway, etc., and finally submit on Google Classroom.	No
14	SYBSc	SIUSBOT33	Current Trends in Plant Sciences I	Class Assignments	Students were given to practice and write about Aromatherapy plants, their uses, constituents, etc., and finally submit on Google Classroom.	No
15	SYBSc	SIUSBOT42	Form and Function II	Class Assignments	Students were given to practice and draw schematic diagrams / representations of Glycolysis, Krebs Cycle, ETS, etc., and finally submit on Google Classroom.	No
16	TYBSc	SIUSBOT53	Form and Function III	Class Assignments	Students were given to practice and draw schematic diagrams /	No

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SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS,**SION (WEST) MUMBAI: 400022****DEPARTMENT OF BOTANY****Report of Experiential Participative Learning techniques used- 2021-22**

					representations of protocols for protoplast isolation, artificial seed preparation, etc., and finally submit on Google Classroom.	
17	TYBSc	SIUSBOT54	Current Trends in Plant Sciences II	Class Assignments	Students were given to practice and draw schematic diagrams / representations of construction and analysis of genomic, cDNA library, etc., and finally submit on Google Classroom.	No
18	MSc - I	SIPSBOT12	Plant Diversity: Spermatophyta I (Gymnosperms and Angiosperms)	Class Presentations / Class discussions	Students were given topics, such as theories pertaining to origin of angiosperms, to prepare and present in front of the class. Class discussion was held on the given topic, after the presentation was over.	No
19	MSc - I	SIPSBOTP11	Plant Diversity: Cryptogams I (Algae and Fungi)	Class Presentations / Class discussions	Students were allotted presentation topics related to the unit. Class discussion was held on the given topic, after the presentation was over.	Yes
20	MSc - I	SIPSBOT21	Plant Diversity: Cryptogams II (Bryophyta	Class Presentations /	Students were given topics, such as theories pertaining to origin	Yes

**Head, Department of Botany**

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS,**SION (WEST) MUMBAI: 400022****DEPARTMENT OF BOTANY****Report of Experiential Participative Learning techniques used- 2021-22**

			and Pteridophyta)	Class discussions	of algae, to prepare and present in front of the class. Class discussion was held on the given topic, after the presentation was over.	
21	MSc - I	SIPSBOTP21	Plant Diversity: Cryptogams II (Bryophyta and Pteridophyta)	Class Presentations / Class discussions	Students were allotted presentation topics related to the unit. Class discussion was held on the given topic, after the presentation was over.	Yes
22	MSc - II	SIPSBOTEB33	Ecology	Class Presentations / Class discussions	Students were given topics, such as carbon cycle, nitrogen cycle, sulphur cycle, etc., to prepare and present in front of the class. Class discussion was held on the given topic, after the presentation was over.	No
23	MSc - II	SIPSBOTEB34	Recent Trends & Applied Environmental Botany	Class Presentations / Class discussions	Students were given topics, such as role of UNDP, CSIR, DBT, DST, etc., to prepare and present in front of the class. Case studies like sinking island of Tuvalu, environmental hazard in Chernobyl were also presented by the students. Class discussion was held	No

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SION (WEST) MUMBAI: 400022

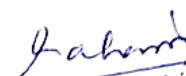
DEPARTMENT OF BOTANY

Report of Experiential Participative Learning techniques used- 2021-22

					on the given topic, after the presentation was over.	
24	MSc - II	SIPSBOT41	Techniques And Instrumentation	Class Presentations / Class discussions	Students were given topics, such as PCR, radioisotopes in medicine, radioisotopes in food industry, etc., to prepare and present in front of the class. Class discussion was held on the given topic, after the presentation was over.	No
25	MSc - II	SIPSBOTEB44	Recent Trends & Applied Environmental Botany	Class Presentations / Class discussions	Students were given topics, such as Solid waste management, IPM, wastewater treatment, etc., to prepare and present in front of the class. Class discussion was held on the given topic, after the presentation was over.	No



Signature of the teacher



Head, Department of Botany

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS
SION (WEST) MUMBAI: 400022
DEPARTMENT OF CHEMISTRY

Report of Experiential Participative Learning techniques used- 2021-22

Name of the teacher: SHEKAR AIYAR

Sr. No.	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	MSc	SIPCHEI12	Inorganic Chemistry	PowerPoint Presentations	Each student was asked to present the topic chosen from the Particular Pertinent Semester and accordingly they were assessed.	Yes
2	MSc	SIPCHEI22	Inorganic Chemistry	PowerPoint Presentations	Each student was asked to present the topic chosen from the Particular Pertinent Semester and accordingly they were assessed.	Yes
3	MSc	SIPCHEI31	Inorganic Chemistry	PowerPoint Presentations	Each student was asked to present the topic chosen from the Particular Pertinent Semester and accordingly they were assessed.	Yes
4	MSc	SIPCHEI33	Inorganic Chemistry	PowerPoint Presentations	Each student was asked to present the topic chosen from the Particular Pertinent Semester and accordingly they were assessed.	Yes
5	MSc	SIPCHEI41	Inorganic Chemistry	PowerPoint Presentations	Each student was asked to present the topic chosen from the Particular Pertinent Semester and accordingly they were assessed.	Yes
6	MSc	SIPCHEI42	Inorganic Chemistry	PowerPoint Presentations	Each student was asked to present the topic chosen from the Particular Pertinent Semester and accordingly they were assessed.	Yes

Shekar Aiyar
Signature of the Teacher

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS
SION (WEST) MUMBAI: 400022
DEPARTMENT OF CHEMISTRY

Report of Experiential Participative Learning techniques used- 2021-22

Name of the teacher: Dr. Santosh Katariya

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	MSc	SIPSCHE 13	Organic Chemistry	Written assignments	Assignments were given for writing	Yes
2	MSc	SIPSCHE 23	Organic Chemistry	Written assignments	Assignments were given for writing	Yes
3	MSc	SIPSCHEO31	Organic Chemistry Practicals	PowerPoint Presentations	Each student was asked to present the topic chosen from the Particular Pertinent Semester and accordingly they were assessed.	Yes
4	MSc	SIPSCHEO32	Organic Chemistry Practicals	PowerPoint Presentations	Each student was asked to present the topic chosen from the Particular Pertinent Semester and accordingly they were assessed.	Yes
5	MSc	SIPSCHEO41	Organic Chemistry Practicals	PowerPoint Presentations	Each student was asked to present the topic chosen from the Particular Pertinent Semester and accordingly they were assessed.	Yes
6	MSc	SIPSCHEO42	Organic Chemistry Practicals	PowerPoint Presentations	Each student was asked to present the topic chosen from the Particular Pertinent Semester and accordingly they were assessed.	Yes

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS
SION (WEST) MUMBAI: 400022
DEPARTMENT OF CHEMISTRY

Report of Experiential Participative Learning techniques used- 2021-22



Signature of the Teacher

Name of the teacher: Dr. Nitin A. Mirgane

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	MSc-II Organic Chemistry	SIPSCHEO33	Natural products and spectroscopy	Group discussion, PPT	For classroom teaching: Group Discussions and Presentations used. For evaluation: Student Presentation, Written Assignment & Viva.	Yes
2	MSc-II Organic Chemistry	SIPSCHEO34	Medicinal, Biogenesis and Green Chemistry	Group discussion, PPT	For classroom teaching: Group Discussions and Presentations used. For evaluation: Student Presentation, Written Assignment & Viva.	Yes
3	MSc-II Organic Chemistry	SIPSCHEO43	Natural products and Heterocyclic chemistry	Group discussion, PPT	For classroom teaching: Group Discussions and Presentations used. For evaluation: Student Presentation, Written Assignment & Viva.	Yes

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4	MSc-II Organic Chemistry	SIPSCHEO44	Intellectual property rights and cheminformatics	Group discussion, PPT	For classroom teaching: Group Discussions and Presentations used. For evaluation: Student Presentation, Written Assignment & Viva.	Yes
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Signature of the Teacher

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS
SION (WEST) MUMBAI: 400022
DEPARTMENT OF CHEMISTRY

Report of Experiential Participative Learning techniques used- 2021-22

Name of the teacher: Santosh Tiwari

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	MSc	SIPCHEI32	Inorganic Chemistry	PowerPoint Presentations	Each student was asked to present a topic chosen from the Particular Pertinent Semester and accordingly they were assessed.	Yes
2	MSc	SIPCHEI34	Inorganic Chemistry	PowerPoint Presentations	Each student was asked to present the topic chosen from the Particular Pertinent Semester and accordingly they were assessed.	Yes
3	MSc	SIPCHEI43	Inorganic Chemistry	PowerPoint Presentations	Each student was asked to present a topic chosen from the Particular Pertinent Semester and accordingly they were assessed.	Yes
4	MSc	SIPCHEI44	Inorganic Chemistry	PowerPoint Presentations	Each student was asked to present the topic chosen from the Particular Pertinent Semester and accordingly they were assessed.	Yes

Signature of the Teacher

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS
SION (WEST) MUMBAI: 400022
DEPARTMENT OF CHEMISTRY

Report of Experiential Participative Learning techniques used- 2021-22

Name of the teacher: Dr. Pallavi Roy

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
7	MSc	SIPCHE13	Organic Chemistry	PowerPoint Presentations	Each student was asked to present a topic chosen from the Particular Pertinent Semester and accordingly they were assessed.	Yes
8	MSc	SIPCHE23	Organic Chemistry	PowerPoint Presentations	Each student was asked to present the topic chosen from the Particular Pertinent Semester and accordingly they were assessed.	Yes



Signature of the Teacher

**SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS,
SION (WEST)**

**Department of Commerce
Experiential Learning Report 2021-22**

Name of the teacher: Mr. Roy Mathew

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	FYBCOM	SIUCCOM11	Commerce I	Assignment	Written assignment on specified questions.	Yes
		SIUCCOM21	Commerce II	Assignment	Written assignment on specified questions.	Yes
2	SYBCOM	SIUCCOM31	Commerce III	Assignment	Written assignment on specified questions.	Yes
		SIUCCOM41	Commerce IV	Assignment	Written assignment on specified questions.	Yes
3	TYBCOM	SIUCCOM51	Commerce V	Assignment	Written assignment on specified questions.	Yes
		SIUCCOM61	Commerce VI	Assignment	Written assignment on specified questions.	Yes

Name of the teacher: Mrs. Maria Fernandes

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	FYBCOM	SIUCEVS11	Environmental Studies I	Map Assignment	Filling of environmental features on the outline map.	Yes
		SIUCEVS21	Environmental Studies II	Map Assignment	Filling of environmental features on the outline map.	Yes
2	FYBCOM	SIUCFOC11	Foundation Course I	Project	Project writing on topics from syllabus.	Yes
		SIUCFOC21	Foundation Course II	Written Assignment & Viva	Written assignment based on topics related to syllabus on which, viva was conducted.	Yes
3	SYBCOM	SIUCFOC31	Foundation Course III	Article Review	Writing a review on newspaper article or movie based related to syllabus.	Yes
		SIUCFOC41	Foundation Course IV	Written Assignment & Viva	Written assignment based on topics related to syllabus on which, viva was conducted.	Yes

Name of the teacher: Mrs. Nitya Mahajan

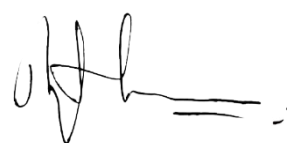
Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	SYBCOM	SIUCFAA31	Introduction to Management Accounting I	Project Assignment	Analysis of Corporate Annual Report applying various tools and its interpretation.	Yes
2	SYBCOM	SIUCAFM41	Financial Accounting & Auditing - VI	Problem Solving Assignment	Students were given a set of problems to be solved by applying relevant accounting principles and accounting standards.	Yes
3	TYBCOM	SIUCFAA52	Financial Accounting & Auditing VIII	Project and Presentation	Students were allotted companies and were asked to present on finance and costing techniques.	Yes
		SIUCFAA62	Financial Accounting & Auditing VIII	Project and Presentation	Students were allotted companies and were asked to present on finance and costing techniques.	Yes

Name of the teacher: CA Avin K Shah

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	FYBCOM	SIUCAFM11	Accountancy & Financial Management I	Problem Solving Assignment	Students were given a set of problems to be solved by applying relevant accounting principles and accounting standards.	Yes
		SIUCAFM21	Accountancy & Financial Management II	Problem Solving Assignment	Students were given a set of problems to be solved by applying relevant accounting principle and accounting standards.	Yes
2	SYBCOM	SIUCAFM31	Accountancy & Financial Mgmt III	Problem Solving Assignment	Students were given Corporate Financial Statements and were asked to value Goodwill and Net Assets subject to given conditions.	Yes
		SIUCFAA41	Financial Accounting & Auditing - VI	Project	Students were given Company Audit Reports and were asked to answer related questions.	Yes
3	TYBCOM	SIUCDIT51	Direct & Indirect Taxes – Direct tax	Problem Solving Assignment	Students were given a set of problems to be solved by applying relevant accounting standards.	Yes
		SIUCFAA61	Financial Accounting & Auditing VII	Problem Solving and Presentation	(i) Students were given a set of problems to be solved by applying relevant accounting standards. (ii) Students were given a video to watch and were asked to prepare a presentation any any one concept explained in the video.	Yes

Name of the teacher: Mr. Krishnan Ramchandran

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	FYBSC	SIUSFOC11	Foundation Course I	Project	Written projects on topics within the syllabus.	Yes
		SIUSFOC21	Foundation Course II	Class Discussion	Expression and opinion-based Discussion on concerned topics.	No
2	SYBCOM	SIUCADV11	Advertising I	Survey	Survey on the 'impact of advertising of certain brands on a set of consumers' and its reporting	Yes
		SIUCADV21	Advertising II	Video making	Products were given to students and were asked to make a video advertisement for the same along with branding and digital exposure.	Yes
3	TYBCOM	SIUCFAA51	Financial Accounting & Auditing VII	Problem Solving Assignment	Students were given a set of problems to be solved by applying relevant accounting principle.	Yes
		SIUCEXP51	Export Marketing I	Project	Each student was allotted a country and was asked to prepare a report on its trade relation with India.	Yes
		SIUCEXP61	Export Marketing II	Student Presentation	Students were grouped and were asked to present their topic by sharing their screen on MS TEAMS followed by a QnA session.	Yes



Roy Mathew
Head, Department of Commerce

**SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE,
AUTONOMOUS, SION WEST**
Report: Experiential Participative Learning techniques used- 2021-2022

DEPARTMENT OF ECONOMICS
Name of Teacher – Dr Shruti R Panday

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	used for Continuous Internal Assessment Yes/No
1	TYBA	SIUAECO51	Economics of Development	Project, Excel software Article Review	Students were told to retrieve the data from UNDP sites, analyse the data cross country analysis of HDI and GDI.	YES
2	TYBA	SIUAECO55B	Economics of agriculture	Field visit	to understand regenerative techniques of cultivation (Saguna Bag-)	Yes
3	TYBA	SIUAECO56B	Environment Economics	Review of Ted Talks	Link for Ted talks were given related to Environment, SDGs and Climate change. Which was presented by students using ICT.	Yes
3	TYBA	SIUAECO61	International Economics	Project, Excel software, data analysis	World trade data analysis of countries with respect to intra- industry trade.	Yes
4	TYBA	SIUAECO65B	Economics of agriculture &Cooperation	Presentation with Case studies	Students were given topics on different cooperatives functioning to deal with role, financing and challenges.	YES
5.	TYBA	66B	Development Theories and Experiences	Review of film based on contemporary development issues.	Name of the films given. Students related film with development experiences of Indian economy.	YES
6	SYBA	SIUAEQT31/41	Elementary quantitative Techniques	Problem solving assignments	Based on syllabus worksheets were given to solve.	YES
7	FYBA	SIUAECO11/21	Micro/ Macro Economics	Article collage from different newspapers on Recent Economic events	Students were to refer newspaper and collect topics related to current economic events.	YES

Dr. Panday

Signature of the teacher

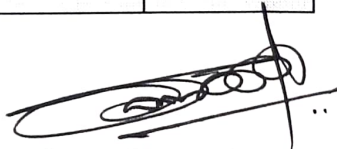
**SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS,
SION WEST**

Report: Experiential Participative Learning techniques used- 2021-2022

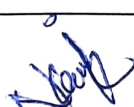
DEPARTMENT OF ECONOMICS

Name of the teacher: Sampath V. Sambasivan

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	TYBA	SIUAECO53	Microeconomics III	Student presentations	Students were divided into groups and were asked to work on the contributions of 2020 Nobel prize winning economists Paul Milgrom and Robert Wilson. Each group was required to submit a PPT and present the insights they have gained.	Yes
2	TYBA	SIUAECO56 A	Introduction to Econometrics	Problem Solving Assignment	Students were asked to work out problem sets on random variable, probability distributions and hypothesis testing. Common doubts were discussed in class.	No
3	TYBA	SIUAECO63	Macroeconomics III	Article review & Student Presentations	Articles related to international monetary history by well known economists were given for review. Students were divided into groups and were asked to read and discuss the prescribed article. They were required to submit a typed document and also do PPT presentations on the basis of insights they have gained from the articles.	Yes
4	TYBA	SIUAECO66 A	Econometrics : Theory & Practice	Problem Solving Assignment	Students were asked to work out problem sets on forecasting. Common doubts were discussed in class.	No
5	SYBA	SIUAECO31	Indian Economy: Contemporary Concerns	Article Review	Individual students were asked to prepare a review of an article on demonetization, a topic discussed as part of the course syllabus.	Yes


Signature of the teacher


Sr. No.	Class	Course code	Name of the paper	Technique used	Brief Details (date and no of participants in case of an IV/ Field Trip)	Used for continuous Internal Assessment Yes/No
1	TYBA	SIUAECO65A	Financial Economics	Real time data collection of stock market to measure stock prices volatility	Students did individual project of collection and calculate Mean variance of their stocks. Orientation was given in the class.	Yes
2.	TYBA	SIUAECO61	International Policy and Practices	Collection and analysis of trade data between Countries	Students were divided in group of 3. The exercise was based on classroom and group learning. They are required to learn various excel functions to analysis and present data. Orientation was given in the class.	Yes
3.	TYBA	SIUAECO54	Statistics	Excel functions	Individual projects Students learned how to apply statistical methods using excel. Orientation was given in the class.	Yes
4.	TYBA	SIUAECO64	Statistics	Excel functions	Individual projects Students learned how to apply statistical methods using excel. Orientation was given in the class.	Yes
5.	TYBcom	SIUCBEC51	Business Economics	Data representation Ms Excel	Students were divided in group of 10. The exercise was based on classroom and group learning. They are required to learn various excel functions to analysis and present data. Orientation was given in the class.	Yes
6.	TYBcom	SIUCBEC61	Business Economics	Data analysis with excel functions	Students were divided in group of 10. The exercise was based on classroom and group learning. They are required to learn various excel functions to analysis and present data. Orientation was given in the class.	Yes
7.	FYBA	SIUAECO11	Introductory Microeconomics	Problem Solving Assignment	Students were asked to work out problem and Common doubts were discussed in class.	No



Signature of the teacher

Name of the teacher: Shivangi Sharma

Sr. No.	Class	Course code	Name of the paper	Technique used	Brief Details (date and no of participants in case of an IV/ Field Trip)	Used for continuous Internal Assessment Yes/No
1	TYBA	SIUAECO54 SIUAECO 64	Mathematics and Statistics for Economics	Worksheets	Students were asked to work on random problem on calculus	yes
2	SYBA	SIUAECO32 SIUAECO42	Introductory Microeconomic s & Introductory Macroeconomic s	Assignments and presentations	Students were divided into group of 5 and were given subject oriented topics on which they prepared the assignment and appeared for the presentations.	yes
3	SYBCOM B	SIUCBEC31 SIUCBEC41	Business Economics	Assignments and presentations	Students were divided into group of 5 and were given subject oriented topics on which they prepared the assignment and appeared for the presentations.	yes
4	SYBCOM B	SIUCECS31 SIUCECS41	Applied Component (Economics Systems)	Article Review & Assignments	Individual students were asked to prepare a review of an article on Globalization, a topic discussed as part of the course syllabus.	yes
5	FYBA	SIUAFOC11 SIUAFOC21	Foundation Course	Role play & Skit	Students were divided into groups of 10 each and were given a topic of social relevance related to the syllabus. Students prepared a playlet on the same, recorded and submitted it. later it was played during the class and discussions were done.	yes


Signature of the teacher


HEAD
ECONOMICS DEPARTMENT.

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

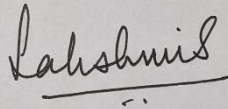
Report: Experiential Participative Learning techniques used- 2021-22

Name of the teacher: Dr Lakshmi Muthukumar

Department: English

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	used for Continuous Internal Assessment Yes/No
1	FYBA	SIUACSE 11, SIUACSE 21	Communication Skills in English	Assignment involving drafting and editing	Drafting an effective Statement of Purpose and an effective letter of application with resumé Drafting a dialogue discussing the pandemic and its effects	Yes
2	SYBA	SIUAINL 31, SIUAINL 41	Indian Literature in English	Assignment, Presentation and Viva	Critical analysis of a short story that is not prescribed for study and one that falls in the domain of partition literature using the lens of trauma studies. Critical analysis of any play written by an Indian dramatist in English or translated from any regional Indian language (not prescribed for study) focusing on the dramatist's innovative use of characterization and structure.	Yes
3	TYBA	SIUAEN G53, SIUAEN G63	Grammar and Art of Writing	Presentation and Viva; Internship	Book review and film review based on the theme of environmental consciousness raising; internships in content writing, PR, HR and teaching	Yes
4	TYBA	SIUAEN G54, SIUAEN G 64	19 th Century British Literature	Assignment, presentation and viva	Critical analysis of the 1996 adaptation of Austen's <i>Emma</i> on film	Yes

					<p>and the departures from the original</p> <p>Assignment on how the status quo has been questioned in a work of non-fiction written by a Victorian British writer</p>	
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Signature of the teacher

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

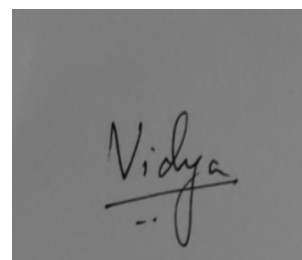
Report: Experiential Participative Learning techniques used- 2020-21

(Note: Please mail this report to igac.siesascsw@gmail.com)

Name of the teacher: Vidya Hariharan

Department: English

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	used for Continuous Internal Assessment Yes/No
1	FYBA	SIUAIEL 11	Introduction to English Literature	Presentation and viva	In both Sem I and Sem II comparative analysis, research, ppt and presentations were the methods of evaluation along with viva.	Yes
2	TYBA	SIUAEN G51, SIUAEN G52, SIUAEN G61, SIUAEN G 62	British Literature from 1600-1800, Literary Theory and Criticism.	Presentation and Viva	In both Sem V and Sem VI comparative analysis, research, ppt and presentations were the methods of evaluation along with viva.	Yes



Signature of the teacher

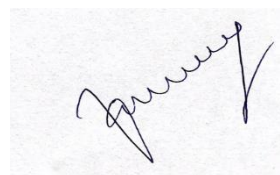
SIES College of Arts, Science and Commerce (Autonomous)
Sion West, Mumbai 400022

Department- History

Report Experiential Participative Learning Techniques- 2021-2022

SR. No.	Class	Course Code	Name of the Paper	Technique Used	Brief Details	Used for Continuous Assessment Yes/No
1	FYBA	SIUAHIS 11 SIUAHIS21	History of Modern India 1857 to 1947 ----- History of Modern 1947 to 1964	Quiz, Topic discussions, PPT, YouTube Educational Videos, Presentations	Quiz, Topic Discussion, PPT, You Tube Edu videos- <u>For classroom Teaching</u> Presentations, PPT- <u>For Internal Assessment</u>	Yes
2	SYBA	SIUAHIS31 SIUAHIS32	Landmarks in World History 1453 to 1919 ----- Ancient India Early Times to the Pre-Mauryan Period	Quiz, PPT, YouTube Videos, Discussions, Presentations/Viva	Quiz, Topic Discussion, PPT, You Tube Edu videos- <u>For classroom Teaching</u> Presentations, PPT- <u>For Internal Assessment</u>	Yes
3	SYBA	SIUAHIS41 SIUAHIS42	Landmarks in World History 1919to 1949 ----- Ancient India Mauryan Period	Quiz, PPT, YouTube Videos, Discussions, Presentations/Viva	Quiz, Topic Discussion, PPT, You Tube Edu videos- <u>For classroom Teaching</u> Presentations, PPT- <u>For Internal Assessment</u>	Yes
4	TYBA	SIUAHIS51 SIUAHIS52 SIUAHIS53	History of Delhi Sultanate 1000 to 1526 ----- History of Modern Maharashtra 1818 to 1960 ----- Archaeology and Heritage Tourism	Quiz, PPT, YouTube Videos, Discussions, Presentations/Viva	Quiz, Topic Discussion, PPT, You Tube Edu videos- <u>For classroom Teaching</u> Presentations/Viva, Projects - <u>For Internal Assessment</u>	Yes

5	TYBA	SIUAHIS61	History of Mughal Rule 1526 to 1707 -----	Quiz, PPT, YouTube Videos, Discussions, Presentations/Viva	Quiz, Topic Discussion, PPT, You Tube Edu videos- <u>For</u> <u>classroom Teaching</u>	Yes
		SIUAHIS62	History of Contemporary India 1964 to 1984 -----		Presentations/ Viva, Projects- <u>For</u> <u>Internal Assessment</u>	
		SIUAHIS63	Museology and Archival Science			



Dr. Varsha Muley,
HOD, History

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

Report: Experiential Participative Learning techniques used- 2021-22

Name of the teacher: **Ms. Biju Ramesh**

Department: **Information Technology**

Degree: **BSc IT**

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	SY	SIUSIT31	Python programming	<ol style="list-style-type: none"> 1. Student Presentations 2. Project 3. Class/ Group Discussion 4. Problem solving assignment 5. Written assignment and Viva 6. Video Making 	Students developed Projects using Python Programming, Class Discussion with respect to Python Programming concepts were conducted, Various Python programs were given as written Assignments for various Problems and viva for the same was taken. Students made videos regarding concepts in Python and uploaded in YouTube in the respective class Channel.	Yes, Projects and Assignments were considered for Internal Assessment
2	TY	SIUSIT53	Advanced Web Programming	<ol style="list-style-type: none"> 1. Student Presentations 2. Project 3. Class/ Group Discussion 4. Problem solving assignment 5. Written assignment and Viva 6. Video Making 	Students developed Projects using ASP.NET with C#, Class Discussion with respect to ASP.NET concepts were conducted, Various .NET programs were given as written Assignments for various Problems and viva for the same was taken. Students made videos regarding concepts in C# and uploaded in YouTube in the respective class Channel	Yes, Projects and Assignments were considered for Internal Assessment
3	FY	SIUSITP24	Numerical and Statistical Methods	<ol style="list-style-type: none"> 1. Class/ Group Discussion 2. Problem solving assignment 	Class Discussion with respect to Numerical and Statistical Methods were conducted, Various Scilab programs were given as written Assignments for various Problems and viva for the same was taken.	No

				3. Written assignment and Viva		
4	SY	SIUSITP43	Computer Oriented Statistical Methods,	1. Class/ Group Discussion 2. Problem solving assignment 3. Written assignment and Viva	Class Discussion with respect to Computer Oriented Statistical Methods were conducted, Various R programs were given as written Assignments for various Problems and viva for the same was taken.	No
5	SY	SIUSITP45	Computer Graphics	1. Class/ Group Discussion 2. Problem solving assignment 3. Written assignment and Viva	Class Discussion with respect to Computer Graphics concepts were conducted, Various C programs were given as written Assignments for various Problems and viva for the same was taken.	No
6	TY	SIUSITP63	Business Intelligence	1. Class/ Group Discussion 2. Problem solving assignment 3. Written assignment and Viva	Class Discussion with respect to Business Intelligence concepts were conducted, Various R programs were given as written Assignments for various Problems and viva for the same was taken.	No



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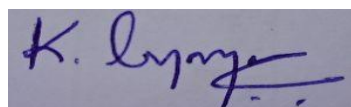
Report: Experiential Participative Learning techniques used- 2021-22

(Note: Please mail this report to igac.siesascsw@gmail.com)

Name of the teacher:K.Sarojini

Department:Information Technology

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	used for Continuous Internal Assessment Yes/No
1	FY BSc(IT)	SIUSIT13	Web Programmimg	Project and Presentation	Dynamic website has been created by group (3 students) of students and presented by them.	Yes
2	SY BSc(IT)	SIUSIT42	Introduction to Embedded Systems	Case studies and Presentation	Case studies of existing embedded systems have been created by group (3 students) of students and presented by them.	Yes
3	TY BSc(IT)	SIUSIT52	Internet of Things	Mini projects and Presentation	Mini projects of IoT have been created by group (3 students) of students and presented by them.	Yes



K.Sarojini

Signature of the teacher

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

Report: Experiential Participative Learning techniques used- 2021-22


Name of the teacher: Sudha Bhagavatheeswaran

Department: Information Technology

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	used for Continuous Internal Assessment Yes/No
1	SYBSc(IT)	SIUSIT34	Database Management Systems	Projects in ERD and Database Design	The class was divided into groups and were given a real life scenario for which they prepared an Entity Relationship Diagram with the entities , attributes and cardinalities and also designed the database for it with primary keys and foreign keys	Yes
				Quiz	Quizzes based on concepts covered in the class using Microsoft Forms	Yes
2	SYBSc(IT)	SIUSIT41	Core Java	Project on Java GUI Design	The class was divided into groups, and each group were given a basic java AWT component. The students were asked to use this component in any real life scenario, handle events and design a GUI based Application	Yes
3	TYBSc(IT)	SIUSIT55(a)	Enterprise Java	Project on Swing based Components in java with GUI design	The class was divided into groups, and each group were given a java swing component. The students were asked to use this component in any	Yes

					real life scenario , handle events and design a GUI based Application	
				Quiz	Quizzes based on concepts covered in the class using Microsoft Forms	Yes
4	TYBSc(IT)	SIUSIT63	Business Intelligence	Presentations	The class was divided into groups and were given topics based on application of business intelligence in different sectors of the economy like transport, media,travel etc. Each group present ed the use and application of BI in the particular sector given to them. Case studies related to it were also included in the presentation	
				News Article Review	Every week a student was asked to present a news article related to Business Intelligence which was then open for discussions in the class.	No
5	TYBSc(IT)	SIUSIT64(a)	Principles of Geographic Information Systems	Presentations	The class was divided into groups and were given topics based on application of geographical information systems in different sectors of the economy like transport, media,travel etc. Each group present ed the use and application of GIS	Yes

					in the particular sector given to them. Case studies related to it were also included in the presentation	
				News Article Review	Every week a student was asked to present a news article related to Geographical Information Systems which was then open for discussions in the class.	No
6	MSc(Data Science)	SIPSDS13	Data Mining for Business Intelligence	Presentations	Each student was given a topic to be presented based on application of data mining in intrusion detection, web usage, market basket analysis etc. Case studies /News related to it were also included in the presentation	Yes
7	MSc(IT)	SIPSIT13	Research Methodology	Presentations	Each student was given a topic to be presented based on "Research Trends in various business sectors. Case studies /News related to it were also included in the presentation	Yes
8	MSc(Data Science)	SIPSDS24	Research Methodology	Presentations	Each student was given a topic to be presented based on "Research Trends in various business sectors. Case studies /News related to it were also included in the presentation	Yes



Signature of the teacher

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST
Report: Experiential Participative Learning techniques used- 2021-2022
DEPARTMENT OF MATHEMATICS

Name of the teacher: Rekha Watve-Paradkar

Sr. No.	Class	Course code	Name of the paper	Technique used	Brief Details	Used for continuous Internal Assessment Yes/No
1	SyBSc	SIUSMAT32 SIUSMAT42	Linear Algebra I Linear Algebra II	Written assignment	Theory based short and long questions as well as problems	Yes
2	TyBsc	SIUSMAT52 SIUSMAT62	Linear Algebra Algebra	Written assignment	Theory based short and long questions as well as problems	Yes



Signature of the teacher

Name of the teacher: Geeta Paluskar

Sr. No.	Class	Course code	Name of the paper	Technique used	Brief Details	Used for continuous Internal Assessment Yes/No
1	SYBSc	SIUSMAT31	Calculus of several variables	Problem solving assignment	Written Assignment based upon definitions, testing the understanding and Mathematical writing skills of the students.	Yes
2	SYBSc	SIUSMAT41	Integral Calculus of one variable	Project and presentation	Each student was given a topic involving an application of integration to prepare a power point presentation an present online.	Yes
3	TYBSc	SIUSMAT51	Multivariable Integral Calculus	Problem solving assignment	Problems based on double and triple integration, applications, cylindrical and spherical coordinates were given to students to solve.	Yes
4	TYBSc	SIUSMAT61	Basic Complex Analysis	Problem solving assignment	Written Assignment based upon definitions, testing the understanding and Mathematical writing skills of the students.	Yes



Signature of the teacher

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

Report: Experiential Participative Learning techniques used- 2021-2022

DEPARTMENT OF MATHEMATICS

Name of the teacher: Vaishali Falnkar

Sr. No.	Class	Course code	Name of the paper	Technique used	Brief Details	Used for continuous Internal Assessment Yes/No
1	TYBSc	SIUSMAT53	Topology of Metric Spaces.	Assignment consisting of Theorems and Problems.	Every Student was given different problem and different Theorems from a set of theorems to write in the form of an assignment.	Yes
2	TYBSc	SIUSMAT63	Topology of Metric Spaces and Real Analysis	Assignment consisting of Theorems and Problems.	Every Student was given different problem and different Theorems from a set of theorems to write in the form of an assignment.	Yes



Signature of the teacher

Name of the teacher: Surjeet Kaur

Sr. No.	Class	Course code	Name of the paper	Technique used	Brief Details	Used for continuous Internal Assessment Yes/No
1	TYBSc	SIUSCPA51	Computer Programming and Applications	C and Oracle-SQL softwares	Students were given set of practical questions as home assignment and were asked to perform any one from these in the lab	Yes
2	SYBSc	SIUSMAT33	Discrete Mathematics-2	Problem solving assignment	Problems based on Pigeonhole principle, Inclusion-Exclusion principle, derangements and recurrence relations were given to students to solve	Yes
3	FYBSc	SIUSMAT12	Algebra and Discrete Mathematics	Problem solving assignment	Problems based on functions, relations and polynomials were given to students to solve	Yes

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

Report: Experiential Participative Learning techniques used- 2021-2022

DEPARTMENT OF MATHEMATICS

4	TYBSc	SIUSCPA61	Computer Programming and Applications	Java and python software	Students were given set of practical questions as home assignment and were asked to perform any one from these in the lab	Yes
5	SYBSc	SIUSMAT43	Differential Equations	Problem solving assignment	Problems based on second order DE, Wronskian and system of DE were given to students to solve	Yes
6	FYBSc	SIUSMAT22	Discrete Mathematics-2	Problem solving assignment	Problems based on Pigeonhole principle, Inclusion-Exclusion principle, derangements and recurrence relations were given to students to solve	Yes



Signature of the teacher

Name of the teacher: Anoop Skaria Varghese

Sr. No.	Class	Course code	Name of the paper	Technique used	Brief Details	Used for continuous Internal Assessment Yes/No
1	FYBSc	SIUSMAT11	Calculus I	Mathematics Software	Apps like Geogebra and Desmos were used to explain graphs and students were given assignments based on the usage of these apps.	Yes
2	FYBSc	SIUSMAT21	Calculus II	Mathematics Software	Apps like Geogebra and Desmos were used to explain graphs and students were given assignments based on the usage of these apps.	Yes
3	TYBSc	SIUSMAT54	Number Theory and its applications – I	Projects and Presentation	Students were assigned projects and asked to present on topics related to the course and beyond.	Yes
4	TYBSc	SIUSMAT64	Number Theory and its applications – II	Projects and Presentation	Students were assigned projects and asked to present on topics related to the course and beyond.	Yes



Signature of the teacher



Signature Head of the Department of Mathematics

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

Report: Experiential Participative Learning techniques used- 2021-2022

Name of the teacher: Dr. Kamala Srinivas

Department: Philosophy

Sr. No.	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	FYBA	SIUAPSY 11 & SIUAPSY21	Introduction to Psychology	Group discussion, PPT & Poster presentation, Quiz.	<u>For classroom teaching:</u> Group discussions, case studies and presentations used. <u>For evaluation:</u> Student Presentation, Written Assignment & Viva, Poster Presentation.	YES
2	SYBA	SIUAPHI 31 & SIUAPHI 42	Social Philosophy & Greek and Medieval Philosophy	Group discussion, Book/Essay/ Article reviewing, PPT, Quiz.	<u>For classroom teaching:</u> Group discussions, Article/Essay/ Book review and presentations used. <u>For evaluation:</u> Student Presentation, Written Assignment & Viva, Book Review.	YES
	SYBA	SIUAPSY 31 & SIUAPSY 41	Social Psychology	Group discussion, Article reviewing, Flipped Classroom, PPT, Quiz.	<u>For classroom teaching:</u> Group discussions and presentations, Flipped Classroom used. <u>For evaluation:</u> Student Presentation, Written Assignment & Viva.	
3	TYBA	SIUAPHI 51 & 61	Classical Indian Philosophy & Western Philosophy	Group discussion, MS Teams Breakout rooms, Book/Essay/ Article reviewing, PPT, Problem Solving, Quiz.	For classroom teaching group discussions and presentations, MS Teams Breakout rooms, Book/Essay/ Article reviewing, PPT, Problem Solving used. <u>For evaluation:</u> Student Presentation, Written Assignment & Viva, Article/Book Review, Synopsis, and Essay Writing.	YES
		SIUAPHI 53 & 63	Living Ethical Issues			
		SIUAPHI 54B & 64B	Plato's Republic			
		SIUAPHI 55 & 65	Formal Logic			



Dr. Kamala Srinivas
Signature of the teacher

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

Report: Experiential Participative Learning techniques used- 2021-2022

Name of the teacher: Vrushali Gupte Department: Philosophy

Sr. No.	Class	Course code	Paper Title	Techniques used	Brief details	Used for Continuous Internal Assessment Yes/No
1.	FYBA	SIUAPHI 11 & SIUAPHI 21	Moral Philosophy	Group discussion, PPT, Movie screening	For classroom teaching: Group discussions, case studies and presentations used. For evaluation: Student Presentation, Written Assignment & Viva, Movie discussion & appreciation	YES
2.	FYBA	SIUAPSY 11 & SIUAPSY 21	Introduction to Psychology	Group discussion, PPT & Poster presentation, Articles from Journals reading	For classroom teaching: Group discussions, case studies and presentations used. For evaluation: Student Presentation, Written Assignment & Viva, Poster Presentation.	YES
3.	SYBA	SIUACOR 31 & SIUACOR 41	Comparative study of Religions (Applied Component)	Group discussion, PPT & Poster presentation, Field visits	For classroom teaching: Group discussions, PPT presentations, Visits to religious sites used. For evaluation: Student Presentation, Written Assignment & Viva	YES
4.	SYBA	SIUAPSY 32 & SIUAPSY 42	Developmental Psychology	Group discussion, Journal articles reading and discussion, PPT, Quiz.	For classroom teaching: Group discussions, PPT presentations used. For evaluation: Student Presentation, Written Assignment & Viva	YES
5.	TYBA	SIUAPHI 54A & SIUAPHI 64A	Philosophy of Bhagavad Gita (Textual study elective)	Group discussion, Book/Essay/ Article reviewing, PPT, Problem Solving, Quiz.	For classroom teaching: Group discussions and presentations, MS Teams Breakout rooms, Book/Essay/ Article reviewing, PPT, Problem Solving used. For evaluation: Student Presentation, Written Assignment & Viva, Article/Book Review, Synopsis, and Essay Writing.	YES
6.		SIUAPHI 55 & SIUAPHI 65	Formal Logic			

Vrushali G.

Vrushali Gupte

Signature of the teacher

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

Report: Experiential Participative Learning techniques used- 2021-22

(Note: Please mail this report to igac.siesascsw@gmail.com)

Department: Physics

I) FYBSc

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	used for Continuous Internal Assessment Yes/No
1	FY BSc	SIUSPHY11	Mechanics & Properties of matter	Assignment	Assignment consisting of theory questions and numerical problems given to all students. Marks were given after assessing the submissions.	Yes
2	FY BSc	SIUSPHY12	Electricity & Electronics	Assignment	Assignment consisting of theory questions and numerical problems given to all students. Marks were given after assessing the submissions.	Yes
3	FY BSc	IUSPHY1	Practical I	Skill experiments	Skill experiments were performed by students to enhance their lab-skill. It served as a bridge course.	NO
4	FY BSc	SIUSPHY21	Optics, Modern Physics & Medical Physics	Assignment	Assignment consisting of theory questions and numerical problems given to all students. Marks were given after assessing the submissions.	Yes
5	FY BSc	SIUSPHY22	Vector algebra, Electrostatics & Magnetostatics	Assignment	Assignment consisting of theory questions and numerical problems given to all students. Marks were given after assessing the submissions.	Yes
6	FY BSc	IUSPHY2	Practical II	Demonstration experiments	Some experiments were demonstrated by	NO

					teachers for the students to understand theoretical concepts.	
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II) SYBSc

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	used for Continuous Internal Assessment Yes/No
1	SY BSc	SIUSPHY31	Mathematical physics and Mechanics	Assignment	Assignment consisting of theory questions and numerical problems given to all students. Marks were given after assessing the submissions.	Yes
2	SY BSc	SIUSPHY32	Optics and lasers	Assignment	Assignment consisting of theory questions and numerical problems given to all students. Marks were given after assessing the submissions.	Yes
3	SY BSc	SIUSPHY33	Electronics & Communication	Assignment	Assignment consisting of theory questions and numerical problems given to all students. Marks were given after assessing the submissions.	Yes
4	SYB Sc	SIUSPHY33	Electronics & Communication	Assignments and fun with logic gates and construction of power supply	Students encouraged to build their own circuits	No
5	SY BSc	IUSPHY3	Practical course -3 (Group A,B,C and Skill)	Skill experiments	Skill experiments were performed by students to enhance their lab-skill. It served as a bridge course.	NO
6	SYB Sc	SIUSPHY3	Practical course -3 (Group A,B,C and Skill)	Literature survey, report writing and presentation on Nuclear Reactors	Students were asked to prepare a report on the basis of literature survey on nuclear reactor as a part of group C experiments	Yes
7	SY BSc	SIUSPHY41	Thermodynamics	Assignment	Assignment consisting of theory questions and	Yes

					numerical problems given to all students. Marks were given after assessing the submissions.	
8	SY BSc	SIUSPHY42	Quantum Mechanics	Assignment	Assignment consisting of theory questions and numerical problems given to all students. Marks were given after assessing the submissions.	Yes
9	SY BSc	SIUSPHY43	Applied Physics-I	Assignment	Assignment consisting of theory questions and numerical problems given to all students. Marks were given after assessing the submissions.	Yes
10	SY BSc	SIUSPHY4	Practical course -4 (Group A,B,C and Demo)	Demonstration experiments	Some experiments were demonstrated by teachers for the students to understand theoretical concepts.	NO
11	SY BSc	SIUSPHY4	Practical course -4 (Group A,B,C and Demo)	Skill experiments	And skill improvement session for the use of breadboard, CRO and spectrometer were conducted offline.	No
12	SYB Sc	SIUSPHY3	Practical course -3 (Group A,B,C and Demo)	Online simulator	Students were exposed to the use of various online android based simulator to make and study the properties of electronic circuit as a part of experiment on opamp	No

III) TYBSc

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	used for Continuous Internal Assessment Yes/No
1	TYBSc	SIUSPHY51	Mathematical and Statistical Physics	Assignment	Assignment consisting of theory questions and numerical problems given to all students. Marks were given after assessing the submissions.	Yes
2	TYBSc	SIUSPHY52	Solid State Physics	Assignment		
3	TYBSc	SIUSPHY53	Atomic and Molecular Physics	Assignment		
4	TYBSc	SIUSPHY54		Assignment		
5	TYBSc	SIUSACEI51	Electrodynamics	Assignment		
6	TYBSc	SIUSPHY51 AND SIUSPHY52	Practical course (Group A,B,C and Skill)	Skill experiments	Skill experiments were performed by students to enhance their lab-skill. It served as a bridge course.	NO
5	TYBSc	SIUSPHY61	Mathematical and Statistical Physics	Assignment	Assignment consisting of theory questions and numerical problems given to all students. Marks were given after assessing the submissions.	Yes
6	TYBSc	SIUSPHY62	Solid State Physics	Assignment		
7	TYBSc	SIUSPHY63	Atomic and Molecular Physics	Assignment		
8	TYBSc	SIUSPHY64		Assignment		
9	TYBSc	SIUSACEI51	Electrodynamics	Assignment		
10	TYBSc	SIUSPHY61 AND SIUSPHY62	Practical course (Group A,B,C and Skill)	Demonstration experiments	Some experiments were demonstrated by teachers for the students to understand theoretical concepts.	NO

IV) MSc

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	used for Continuous Internal Assessment Yes/No
1	MSc Part I	SIPSPH YP21	Lab Course 3	Hands on training	Experiments on physical science and electronics were performed by the student	yes
	MSc Part I	SIPSPH YP22	Lab Course 4	Hands on training	Experiments of physical science were performed by the student	
	MSc Part II	SIPSPH YP32	Elective Lab Course 1	Hands on training	Experiments on physical science and electronics were performed by the student	
	MSc Part II	SIPSPH YP42	Elective Lab Course 2	Hands on training	Experiments on physical science and electronics were performed by the student	
2	MSc Part II	SIPSPH YP31	Project 1	Online lectures and demonstration	Students were asked to undergo training on remote sensing and molecular density theory conducted online by ISRO	yes
3	MSc Part II	SIPSPH YP41	Project 2	Project, presentation	Students were asked to build 6 different projects and prepare a presentation on their projects	yes

V) Extra curricular Activities:

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	used for Continuous Internal Assessment Yes/No
1	TY BSc and MSc	--	--	Skill development program (Funded by RUSA)	Topic: Programming and interfacing using Raspberry pi. 14/02/2022 to 06/03/2022 : 30 Hrs Attended by 60 Students	No
2	SY BSc	--	--	Workshop	Topic: Power Supplies and Fun with Logic Gates.20-04-2022 and 21-04-2022 Attended by 18 Students	No
3	S.Y.B .Sc. and T.Y. B.Sc	--	--	Demonstration Session	Topic: MSc-Part 2 projects and research facilities in the department. Attended by 25 participants 23-04-2022	No

Mr. Kiran Nabar,

Head, Department of Physics.

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

Report: Experiential Participative Learning techniques used- 2021-2022

Name of the teacher: Dr. Rashmi Bhure

Department: Politics

Sr. No.	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	SYBA	SIUAPOL32 & SIUAPOL42	Introduction to Public Administration India Administration	PPT & Article Review, presentations	<u>For classroom teaching</u> PPT, Youtube Videos <u>For evaluation:</u> Student Presentation, Written Assignment & Viva, PPT, Article Review	YES
2	TYBA	SIUAPOL51 & SIUAPOL61	World Politics India in World Politics	PPT & Article Review, presentations	<u>For classroom teaching::</u> PPT, Youtube Videos <u>For evaluation:</u> Student Presentation, Written Assignment & Viva, PPT, Article Review	YES
	TYBA	SIUAPOL55 & SIUAPOL65	Films & Politics Learning Indian Politics through Films	PPT & Article Review, presentations, Video Making	<u>For classroom teaching::</u> PPT, Youtube Videos, CD <u>For evaluation:</u> Student Presentation, Written Assignment & Viva, PPT, Article Review, Video Making	
	TYBA	SIUAPOL56 & SIUAPOL66	American Constitution and Institutions Political Process in the United States	PPT & Article Review, presentations, Field Visit	<u>For classroom teaching::</u> PPT, Youtube Videos, CD, Field Visit <u>For evaluation:</u> Student Presentation, Written Assignment & Viva, PPT, Article Review	YES



Dr. Rashmi Bhure


**SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE,
AUTONOMOUS, SION WEST**

Report: Experiential Participative Learning techniques used- 2021-2022

DEPARTMENT OF POLITICS

Name of the teacher: Vanita Banjan

Sr. No.	Class	Course code	Name of the paper	Technique used	Brief Details (date and no of participants in case of an IV/ Field Trip)	Used for continuous Internal Assessment Yes/No
1	SYBA	SIUATTM41	Travel and Tourism Management and Policies	Experiential learning	Students were asked to making their own passport using the Passport Portal of Government of India	YES
2	SYBA	SIUATTM41	Travel and Tourism Management and Policies	Experiential learning	Students were asked to visit Food joints of more than 70 years old and explore the décor, food style and talk to the proprietors and submit a PPT	YES
4	SYBA	SIUATTM31	Travel and Tourism Management and Policies	Participative learning	Students were asked to trace their own family cuisine or any other community's cuisine and were encouraged to make a video narrating or making a special dish	YES
5	TYBA	SIUATTM64	Political Sociology	Participative learning	Students were asked to prepare their assignment connecting the modules in the syllabus with issues in contemporary times and critically evaluate it	YES


Signature of the teacher


Signature of the Head of the Department

**SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE,
(AUTONOMOUS), SION WEST, MUMBAI**

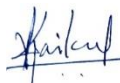
Report: Experiential Participative Learning techniques used- 2021-2022

DEPARTMENT OF POLITICS

Name of the teacher: Dr. Ajinkya Gaikwad

Sr. No.	Class	Course code	Name of the paper	Technique used	Brief Details (date and no of participants in case of an IV/ Field Trip)	Used for continuous Internal Assessment Yes/No
1	FYBA	SIUAPOL11	Introduction to Political Science	Discussions, debates on issues in contemporary Indian and global politics.	Students were asked to analyse voting patterns in General Elections in India and study behavioural patterns of voters in the country.	YES
2	FYBA	SIUAPOL21	Political Concepts and Ideologies	Discussions, debates on issues in contemporary Indian and global politics and tracing their relevance in current times and daily lives.	Students were given assignments on analysis of political values enshrined in the Indian Constitution.	YES
2	SYBA	SIUAFOC31	Foundation Course	Online resources such as documentaries, short films and news reportage were used to understand marginalization of vulnerable communities.	The syllabus comprised a study of vulnerabilities of marginalized communities. The screening of documentaries, news reportage, or short films was followed up by brief classroom discussions.	NO
4	SYBA	SIUAILW31/41	Introduction to Law	The syllabus offers scope for discussion on case laws and landmark judgements. A major technique used was to weave discussions around legal concepts around court arguments and verdicts.	Constitutional values of equality and freedom alongside contemporary laws for women, children, cyber security, environment, intellectual property etc. The project component involved presentation of cases revolving around topics of the syllabus.	YES
3	TYBA	SIUAPOL53/63	Politics of Modern Maharashtra	Documentaries, news reports, articles discussed and circulated in class for reading. Moot court sessions were conducted online.	The internal assessment was based on issues and challenges of local governance and development. Students were asked to take up issues and critically analyse projects or instances of misadministration. Moot court sessions were conducted online and used for assessment.	YES

Signature of the teacher



Signature of the Head of the Department



**SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE,
(AUTONOMOUS), SION WEST, MUMBAI**

Report: Experiential Participative Learning techniques used- 2021-2022

DEPARTMENT OF POLITICS

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

Report: Experiential Participative Learning techniques used- 2021-2022

Department: Psychology

Name of the teacher: Ms. Shama Todurkar

Sr. No.	Class	Course code	Name of the paper	Technique used	Brief Details	Used for continuous Internal Assessment Yes/No
1	TYBA	SIUAPSY 51 & SIUAPSY61	Psychological Testing	Problem-solving exercise, PPT presentation, Surveys	For the topic of reliability and validity, data are provided and students calculate reliability and validity using the formulae mentioned in the book and explained in the class. For the topic of 'Major context of Psychological Testing' students interview psychologists and gather information about assessment tools they use and present the information in the class	YES
2	TYBA	SIUAPSY 52 & SIUAPSY62	Abnormal Psychology	Case –History taking, Case Studies Discussion	Students are actually taught to take history on a mock client. In semester six they learn to frame differential diagnosis. For the cases presented.	YES
3	TYBA	SIUAPSY53, SIUAPSY63,	Industrial and Organizational Psychology	Essay, PPT presentation, Research, viva	Students were allowed to choose any of the methods mentioned in the syllabus, and the topic either from the syllabus or from the chapters mentioned for assignment. This enhanced their understanding of these topics	YES
	TYBA	SIUAPSY 54 & SIUAPSY64	Cognitive Psychology	Problem-solving exercises	Students are actually given problems to solve or given situations to apply theories from Decision Making Chapter	No
4	TYBA	SIUAPSY55, SIUAPSY65	Experimental Psychology and Practicals	Problem-solving exercises	After teaching the concept, research examples were given. Students were asked to apply the concepts taught to the given research problems	YES
4	TYBA	SIUAPSY56, SIUAPSY66	Counseling Psychology	Classroom discussion, Case-studies, Classroom discussions, discussions based on videos, research, PPT presentation	Videos about therapy techniques were shown in the class, and this was followed by discussion about effect of these techniques, Case-examples were discussed	Only PPT presentations, research

Ms. Shama Todurkar
HOD, Psychology

Name of the teacher: Ms. Amruta Padhye

Sr. No.	Class	Course code	Name of the paper	Technique used	Brief Details	Used for 2continuous us Internal Assessment Yes/No
1	TYBA	SIUAPSY 51 & SIUAPSY61	Psychological Testing	Problem-solving exercise, PPT presentation, Surveys	For the topic of reliability and validity, data are provided and students calculate reliability and validity using the formulae mentioned in the book and explained in the class. For the topic of 'Major context of Psychological Testing' students interview psychologists and gather information about assessment tools they use and present the information in the class	YES
2	TYBA	SIUAPSY 52 & SIUAPSY62	Abnormal Psychology	Case –History taking, Case Studies Discussion	Students are actually taught to take history on a mock client. In semester six they learn to frame differential diagnosis. For the cases presented.	YES
3	TYBA	SIUAPSY53, SIUAPSY63,	Industrial and Organizational Psychology	Essay, PPT presentation, Research, viva	Students were allowed to choose any of the methods mentioned in the syllabus, and the topic either from the syllabus or from the chapters mentioned for assignment. This enhanced their understanding of these topics	YES
	TYBA	SIUAPSY 54 & SIUAPSY64	Cognitive Psychology	Problem-solving exercises	Students are actually given problems to solve or given situations to apply theories from Decision Making Chapter	No
4	TYBA	SIUAPSY55, SIUAPSY65	Experimental Psychology and Practicals	Problem-solving exercises	After teaching the concept, research examples were given. Students were asked to apply the concepts taught to the given research problems	YES
4	TYBA	SIUAPSY56, SIUAPSY66	Counseling Psychology	Classroom discussion, Case-studies, Classroom discussions, discussions based on videos, research, PPT presentation	Videos about therapy techniques were shown in the class, and this was followed by discussion about effect of these techniques, Case-examples were discussed	Only PPT presentations, research

Ms. Shama Todurkar
HOD, Psychology

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

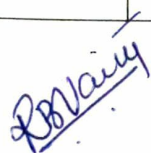
Report: Experiential Participative Learning techniques used- 2021-22


Name of the teacher: **Dr. Rupali Vaity**

Department: **Zoology**

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	used for Continuous Internal Assessment Yes/No
1	SYBSc	SIUSZO31	Wonders of Animal Kingdom – Invertebrate Life	Students Presentations	Power Point Presentations on the topics based on life sciences was done by the students	Yes
2	SYBSc	SIUSZO33	Economic Entomology, Parasitology and Animal farming	Virtual tour to Godrej Mangroves	Virtual tour to Godrej Mangroves was conducted online by Mr. Hemant Karkhanis. Students prepared a report based on the virtual tour	Yes
3	SYBSc	SIUSZO41	Chordate life, Cell biology and Scientific research	Students Presentations	Research papers were given to the students. Based on Research paper a review was given by students in the form of PPT	Yes
4	SYBSc	SIUSZOP43	Fishery science, Parasitology and Animal farming	Study tour to Mangrove centre, Airoli	Study tour to Airoli Mangrove centre was conducted and students had to prepare a report based on their observations.	Yes
5	SYBSc	SIUSZO43	Fishery science, Parasitology and Animal farming	Documentary screening	Documentary titled " Evolution Power of Flight" was screened online for the students. Students have reviewed the documentary as a part of the assignment	Yes
6.	TYBSc	SIUSZO54	Wildlife conservation and management,	Presentation	Students had to give power point presentation based on any one	Yes

			Field biology Techniques, Epidemiology- 1 and Zoogeography		Zoogeographic realm.	
7.	TYBSc	SIUSZO64	Study of Biodiversity and Conservation, Behavioral Biology, Epidemiology, Bioprospecting & Bioethics.	Documentary Screening & Review writing	Students were told to watch a documentary based on wild life and write a review based on it and submit it online	Yes


Signature of the teacher


HOD, Zoology

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

Report: Experiential Participative Learning techniques used- 2021-22

Name of the teacher: **Mr. Pushparaj Shetty**

Department: **Zoology**

Sr. No	Class	Course code	Name of the paper	Unit	Technique used	Brief Details	used for Continuous Internal Assessment Yes/No
1	SYBSc	SIUSZO42	Molecular biology, Biotechnology and Bioinformatics	Unit 2 Biotechnology	Case studies	Real and day to day life case studies related to forensic investigations were given to students to resolve.	Yes
2	SYBSc	SIUSZO42	Molecular biology, Biotechnology and Bioinformatics	Unit 3 Bioinformatics	Practicals	Concepts in this topic were demonstrated and then performed by students in real time.	Yes
3	SYBSc	SIUSZOP41-42	Practical paper1	---	Practicals	students performed experiments out of curriculum after demonstration by faculty.	Yes
4	TYBSc	SIUSZOP61	Practical paper1	—	Practicals	Hands-on experience of anatomy study was demonstrated by faculty and performed by students.	Yes
5	TYBSc	SIUSZO61	Evolution, Anatomy, developmental biology, Histology	Unit4: Histology	Case studies	Real and day to day life case studies related to hormonal disorders were given to students.	Yes
6.	TYBSc	SIUSZO63	Molecular biology, Genetic engineering, Toxicology, Bioinformatics	Unit2: Genetic engineering	Case studies	Real and day to day life case studies related to forensic investigations were given to	Yes

						students to resolve.	
7.	TYBS c	SIUSZO63	Molecular biology, Genetic engineering, Toxicology, Bioinformatics	Unit4: Bioinformatics	Practicals	Concepts in this topic were demonstrated and then performed by students in real time.	Yes


Signature of the teacher


HOD, Zoology

			fishery, Nutritional requirements and diseases in fish, fish preservation and processing, Fish by products		and shell fishes by observational studies	
8	TYBSc	SIUFBIO62	Marine fin fishery, Shell fishery, Nutritional requirements and diseases in fish, fish preservation and processing, Fish by products	Practicals	Students prepared various types of fish products and byproducts like Prawn Pickle and Fish Burger which gave them insight into entrepreneurial skill development	Yes

Aditya Bhenkar

Signature of the teacher

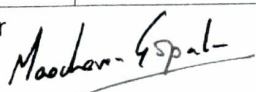
Geeta Bhatnagar

HOD, Zoology

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST**Report: Experiential Participative Learning techniques used- 2021-22**Name of the teacher: **Dr. Madhavan Gopalan**Department: **Zoology**

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	used for Continuous Internal Assessment Yes/No
1	SYBSc	SIUSZO31	Wonders of Animal Kingdom – Invertebrate Life	Students Presentations	Power Point Presentations on the topics based on life sciences was done by the students	Yes
2	SYBSc	SIUSZO33	Economic Entomology, Parasitology and Animal farming	Virtual tour to Godrej Mangroves	Virtual tour to Godrej Mangroves was conducted online by Mr. Hemant Karkhanis. Students prepared a report based on the virtual tour	Yes
4	SYBSc	SIUSZOP43	Fishery science, Parasitology and Animal farming	Study tour to Mangrove centre, Airoli	Study tour to Airoli Mangrove centre was conducted and students had to prepare a report based on their observations.	Yes
5	TYBSc	SIUSZO54	Molecular Biology, Genetic engineering Toxicology and Animal tissue culture	Stimulation	Students were asked to setup up a virtual ATC laboratory	Yes
6.	TYBSc	SIUSZO64	Study of Biodiversity and Conservation, Behavioral Biology, Epidemiology, Bioprospecting & Bioethics.	Practicals	Students were asked to collect and analyse height and weight, pulse rate	Yes
8	FYBSc	SIUSZO22	Molecular basis of life - II, Biotechnology - II, and Evolution and Biodiversity	Documentary screening	Documentary titled "First life arrival"	Yes

Signature of the teacher



HOD, Zoology



SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

Report: Experiential Participative Learning techniques used- 2021-22

Name of the teacher: **Mr. Prathamesh Kulkarni**

Department: **Zoology**

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	M.Sc. I	SIPSZO11	Nonchordates, Chordates and their Phylogeny - I	PowerPoint presentations	PowerPoint presentations along with pictures and videos were used to explain the concerned topic	Yes
2	M.Sc. I	SIPSZO12	Biochemistry and Metabolism - I	PowerPoint presentations	PowerPoint presentations along with pictures and videos were used to explain the concerned topic	Yes
3	M.Sc. I	SIPSZO13	Genetics, Evolution and Developmental Biology - I	PowerPoint presentations	PowerPoint presentations along with pictures and videos were used to explain the concerned topic	Yes

4	M.Sc. I	SIPSO14	Tools and Techniques in Biology - I	PowerPoint presentations	PowerPoint presentations along with pictures and videos were used to explain the concerned topic	Yes
5	M.Sc. I	SIPSO21	Nonchordates, Chordates and their Phylogeny - I	PowerPoint presentations	PowerPoint presentations along with pictures and videos were used to explain the concerned topic	Yes
6	M.Sc. I	SIPSO22	Biochemistry and Metabolism - II	PowerPoint presentations	PowerPoint presentations along with pictures and videos were used to explain the concerned topic	Yes
7	M.Sc. I	SIPSO23	Genetics, Evolution and Developmental Biology - II	PowerPoint presentations	PowerPoint presentations along with pictures and videos were used to explain the concerned topic	Yes

8	M.Sc. I	SIPSZO24	Tools and Techniques in Biology - II	PowerPoint presentations	PowerPoint presentations along with pictures and videos were used to explain the concerned topic	Yes
9	M.Sc. II	SIPSZOOCN33	General, Physical, Chemical and Biological Oceanography	Presentations by the students	PowerPoint Presentations on the topics based on oceanography were done by the students	Yes
10	M.Sc. II	SIPSZOOCN33	General, Physical, Chemical and Biological Oceanography	Presentations by the students	Research paper review was presented by students in the form of a PowerPoint presentation	Yes
11	M.Sc. II	SIPSZOOCN34	Planktology, Fish, Fishery Science and Aquaculture	Presentations by the students	PowerPoint Presentations on the topics based on Planktology, fishery science and aquaculture were done by the students	Yes
12	M.Sc. II	SIPSZOOCN34	Planktology, Fish, Fishery Science and Aquaculture	Presentations by the students	Research paper review was presented by students in the form of a PowerPoint presentation	Yes

13	M.Sc. II	SIPSZOOCN43	General, Physical, Chemical and Biological Oceanography	Presentations by the students	PowerPoint Presentations on the topics based on oceanography were done by the students	Yes
14	M.Sc. II	SIPSZOOCN43	General, Physical, Chemical and Biological Oceanography	Field Visit	Field visit to Girgaon Chowpatty, Mumbai to study intertidal fauna was organized	Yes
15	M.Sc. II	SIPSZOOCN43	General, Physical, Chemical and Biological Oceanography	Skit performance	A skit was performed by students to explain the concerned topic	Yes
16	M.Sc. II	SIPSZOOCN44	Planktology, Fish, Fishery Science and Aquaculture	Presentations by the students	PowerPoint Presentations on the topics based on oceanography were done by the students	Yes
17	M.Sc. II	SIPSZOOCN44	Planktology, Fish, Fishery Science and Aquaculture	Field Visit	Field visit to Aquaculture farm at Saphale, Palghar was organized	Yes

PK
Signature of the teacher

HOD, Zoology

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE, AUTONOMOUS, SION WEST

Report: Experiential Participative Learning techniques used- 2021-22

Name of the teacher: **Mr. Avadheshkumar H Ram**

Department: **Zoology**

Sr. No	Class	Course code	Name of the paper	Technique used	Brief Details	Used for Continuous Internal Assessment Yes/No
1	SYBSc	SIUSZO31	Wonders of Animal Kingdom – Invertebrate Life	Students Presentations	Power Point Presentations on the topics based on life sciences was done by the students	Yes
2	SYBSc	SIUSZO41	Chordate life, Cell biology and Scientific research	Students Presentations	Research papers were given to the students. Based on Research paper a review was given by students in the form of PPT	Yes

3	SYBSc	SIUSZO43	Fishery science, Parasitology and Animal farming	Documentary screening	Documentary titled "Evolution Power of Flight" was screened online for the students. Students have reviewed the documentary as a part of the assignment	Yes
4	M.Sc. I	SIPSO13	Genetics, Evolution and Developmental Biology - I	Power Point presentations	Power Point presentations along with pictures and videos were used to explain the concerned topic	Yes
5	M.Sc. I	SIPSO23	Genetics, Evolution and Developmental Biology - II	Power Point presentations	Power Point presentations along with pictures and videos were used to explain the concerned topic	Yes
6	M.Sc. II	SIPSOBT31	Basics of Industrial and Environmental Biotechnology - II	Presentations by the students	Power Point Presentations on the topics based on Biotechnology were done by the students	Yes

	M.Sc. II	SIPSZOBT31	Basics of Industrial and Environmental Biotechnology – I	Poster Presentation	Posters were Presented on the topics based on Metabolic pathway were done by the students	Yes
8	M.Sc. II	SIPSZOBT32	Genetic Engineering Techniques and its applications	Presentations by the students	Power Point Presentations on the topics based on Biotechnology were done by the students	Yes
9	M.Sc. II	SIPSZOBT32	Genetic Engineering Techniques and its applications	Demonstration of experiment to the FYBSc Students	Students were asked to teach particular topic to FYBSc Class	Yes
10	M.Sc. II	SIPSZOBT41	Basics of Industrial and Environmental Biotechnology – II	Presentations by the students	Power Point Power Point Presentations on the topics based on Biotechnology were done by the students	Yes
11	M.Sc. II	SIPSZOBT41	Basics of Industrial and Environmental Biotechnology – II	Poster Presentation	Posters were Presented on the topics based on Metabolic pathway were done by the students	Yes