

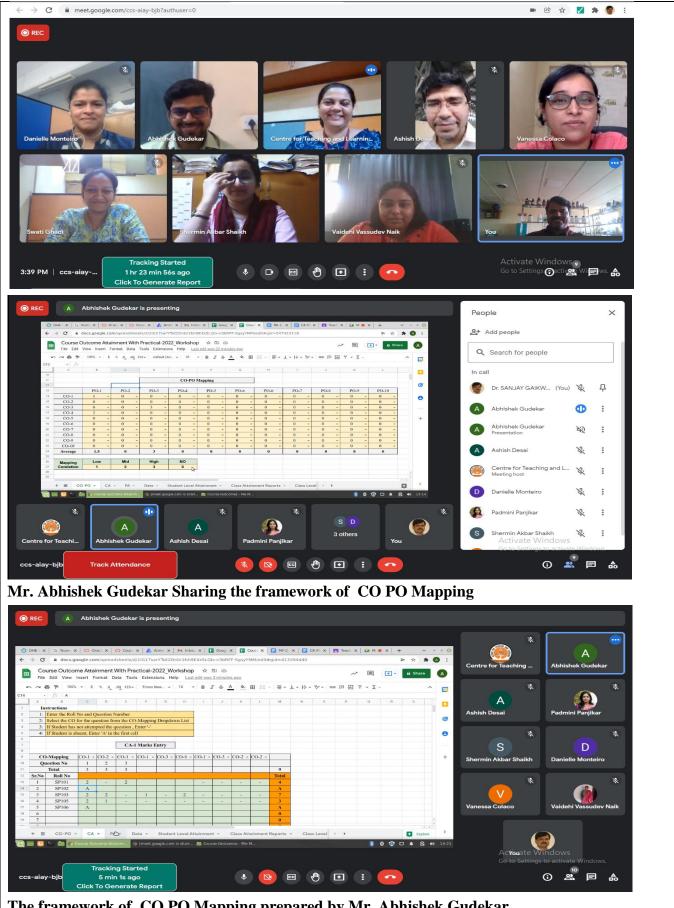


### INTERNAL QUALITY ASSURANCE CELL in collaboration with CENTRE FOR TEACHING AND LEARNING

#### REPORT

REPORT						
Title:	WORKSHOP ON OBE MAPPING					
Date and year:	7 <sup>TH</sup> January 2022 (Friday)					
Venue:	Online					
	ttps://meet.google.com/ccs-aiay-bjb?authuser=0&pli=1					
Resource	Mr.Abishekh Gudekar					
person/s:	Assistant Professor					
	Department of Computer Science					
	Parvatibai Chowgule College of Arts & Science (Autonomous)					
Organizing	Dr. Sameena Falleiro					
Committee	Associate Professor					
	Department of Computer Science					
	& Coordinator, Center for Teaching Learning					
No. of	TOTAL:10 (Males: 04 Females: 06)					
Participants:						
<b>Objective:</b>	'Outcome Based Education Mapping'					
Summary of	This is in continuation to the previous workshop held on 07.12.2021, the IQAC in					
the	collaboration with CTL, organized a Workshop on 'Outcome Based Education					
proceedings:	Mapping' on Wednesday, 07 <sup>th</sup> January 2022 at 2.00 p.m., online through Google meet.					
	<ul> <li>Mr. Abhishek Gudekar, Assistant professor, Department of Computer Science, Parvatibai Chowgule College of Arts and Science (Autonomous) worked as resource person. Dr. Sameena Falleiro, Coordinated the event.</li> <li>Workshop was attended by <ol> <li>Abhishek Gudekar</li> <li>Ashish Desai</li> <li>Centre for Teaching and Learning</li> <li>Danielle Monteiro</li> <li>Dr. Sanjay Gaikwad</li> <li>Padmini Panjikar</li> <li>Shermin Akbar Shaikh</li> <li>Swati Ghadi</li> <li>Vaidehi Vassudev Naik</li> </ol> </li> <li>10. Vanessa Colaco</li> <li>In the beginning of the workshop coordinator Dr. Sameena Falleiro, welcomed all,</li> </ul>					
	<ul> <li>thanked all for joining Webinar and stated that this workshop is a continuation of the OB Mapping workshop, which you all as a core team. She also welcomed resource person Mr. Abhishek of the session.</li> <li>2. Workshop aimed to <ul> <li>a. display and shareMr. Abhishek's ideas as to he took input from the workshop of 7th December 2021, at the refined Excel sheet and the technique of doing OBE mapping, presented to all participants.</li> <li>b. And sharing participant's valuable inputs, clarifications, comments, so that Excel based framework for OB mapping can be updated.</li> </ul> </li> <li>3. Mr. Abhishek Gudekar stated that this is the second workshop on the OB mapping, based on some inputs from you all in the first workshop.</li> </ul>					

	<ul><li>a. He has tried to incorporate those feedbacks in my Excel file. Regarding outcome based education, it is essential to calculate the course outcomes, which we can measure from two parts, one direct assessment and one is indirect assessment.</li><li>b. The direct assessment comes from the theory and practical that is incorporated in the</li></ul>
	Excel based framework.
	c. He demonstrated the Excel framework with three modification i.e. Change in the question paper. (No optional question) all questions to be made compulsory. He deliberated on the question paper shared By Mr.Ashish Dessai, Assistant Professor, and Dept. of Physics. He shown changes and the way Co & PO can be mapped.
	4. Second phase Mr. Abhishek demonstrated mapping CO and PO in Excel based framework at different levels. Also given instructions to enter the details of course and marks in respective CO PO.
	5. He also discussed on reframing the question paper and CO PO mapping for practical and
	non-practical courses, possible issues related to CO PO mapping and entering marks in the framework specifically the attainment of CO PO. Shown several examples to elaborate on the issues and interpretation of the result. Also explained the way to analyze result with respect to attainment of CO in the ranges of threshold's
	6. In the discussion it was proposed by Dr. Sanjay Gaikwad, Assistant Professor, and Dept. of Geography, to relook in to statement of CO OP to incorporate the way of mapping the attainments different levels.
	7. Dr. Sameenaasked about rationalization of the template and also asked about when and
	how to start entering data in the template from teacher'sperspectives. 8. Mr. Abhishek replied saying that from the first CA we need to start entering marks but
	before that we need to prepare question paper keeping in mind the COP PO and level of
	attainments and demonstrated the procedure after CA one.
	9. Also had discussion on communication of the mode and way of evaluation to the student.
	10. Also had discussion on target level and target description and Dr. Sanjay suggested to add last level asNeed Improvement. Sameena and Sanjay suggested to synchronize with
	criteria considered while admitting student in college and the passing percentage /
	minimum level of attainment.
	11. How to differentiate between Skill attainment and marks attainment by student? Is the any relation between marks and skill student?
	12. Mr. Abhishek replied that it is has to marked in terms of course outcome. That need to be
	linked with syllabus, framing of CA SE question paper and allotment of marks.
	<ol> <li>Discussion happen on the In action plan part of template where Mr. Abhishek connected it to the SWAYAM Course to frame action plan.</li> </ol>
	14. It was thought that this trained faculties will try this template at personal level just as trial / pilot attempt and then just see if it works for the ongoing semester. So the problem faced can be considered for improvement in the Excel based template.
	15. Ms. Swati Ghadi and Dr. Ashish appreciated efforts taken by Mr. Abhishek and said that
	we will address issues related question paper patterns and the options given in it. There is no problem of trying irrespective of result.
	16. Dr. Sameena linked this workshop with the NEP & IQAC target the outcome based
	education and recent SSRS to NAAC tells this the outcome based education, therefore
	lets experiment first before passing this to entire college. We willlearn and see where to stop, what are the possible difficulties etc. as experiment. Ten we can document all the things.
	17. Dr. Sameena asked Mr. Abhishek to share the template and thanked him for the efforts
	taken for the frame work.
	18. Dr. Ashish suggest a pretest of conceptual test before the course state and repeat the test at the end of the course and measure the outcomes. This will relieve burden ad get some
	robust outcome. The test cover entire syllabus to estimate achievements. It needs more
	deliberation on this. Dr. Sameena supported and said that she will see the possibility of such things from other experts form the same fields.
	19. Finally in conclusion Dr. Sameena thanked everyone for making the workshop successful.
	Photographs:
Participants of the	e Online Workshop / Training Programme on 'Outcome Based Education Mapping'



The framework of CO PO Mapping prepared by Mr. Abhishek Gudekar

Report Prepared by:, Dr. Sanjay D. Gaikwad Assistant Professor, **Department of Geography & Research Center** Dated: 12/01/2022

### Google Meet Attendance Tracking Report

Attendance Tracking Started At       : 2:16:01 PM         Download as pdf       Attendance Tracking Stopped At       : 3:46:54 PM         Total Number of people Attended       : 10	Meeting Name: ccs-aiay-bjb			Date	: 7-Jan-2022
Total Number of people Attended : 10	Download as pdf				
		Total Number of people Attended	:	10	
Total Meeting Duration : 1 hr 30 min 51s		Total Meeting Duration	:	1 hr 30 min 51s	
Detailed Attendance Report = Apply filte		Detailed Attendance Report	t		

Number Of People Attended More Than 65% Of Meeting: 10

Number Of People Attended Less Than 65% Of Meeting: 0

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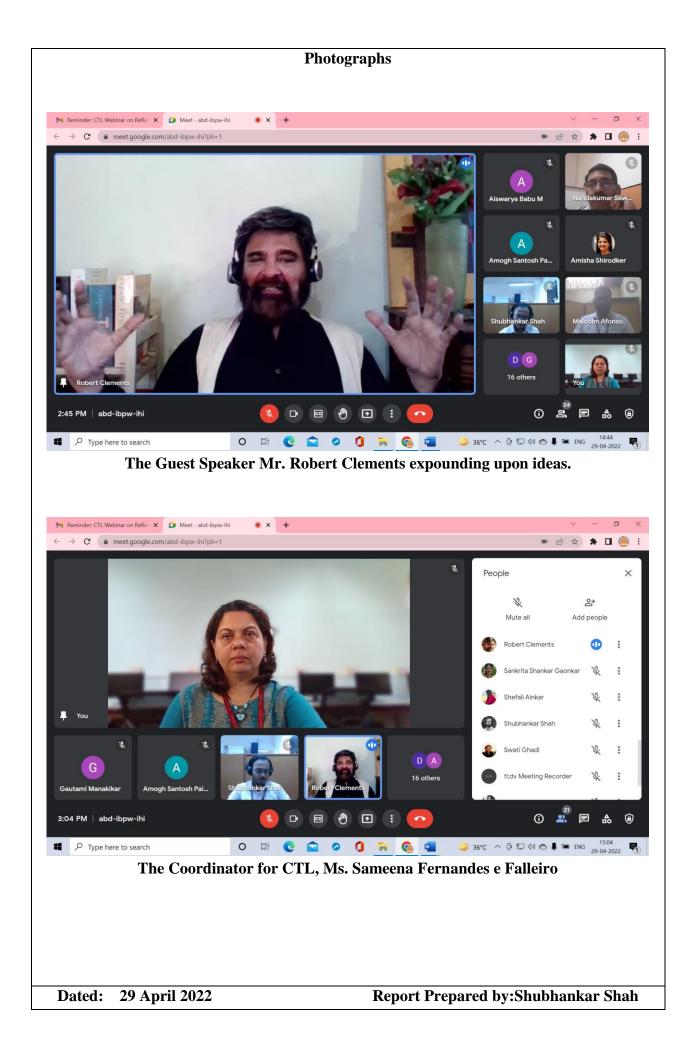
S.No	Participant Name	Attended Duration	Attended Percentage
1	ABHISHEK GUDEKAR	1 hr 30 min 12s	100%
2	ASHISH DESAI	1 hr 28 min 20s	98%
3	CENTRE FOR TEACHING AND LEARNING -	1 hr 30 min 51s	100%
4	DANIELLE MONTEIRO	1 hr 29 min 56s	99%
5	DR. SANJAY GAIKWAD	1 hr 30 min 50s	100%
6	PADMINI PANJIKAR	59 min 47s	66%
7	SHERMIN AKBAR SHAIKH	1 hr 28 min 17s	98%
8	SWATI GHADI	1 hr 21 min 54s	91%
9	VAIDEHI VASSUDEV NAIK	1 hr 30 min 17s	100%
10	VANESSA COLACO	1 hr 30 min 12s	100%



### Parvatibai Chowgule College of Arts and Science (Autonomous)

Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 Point Scale ) Best affiliated College-Goa University Silver Jubilee Year Award

	REPORT
Title:	WEBINAR ON REFLECTIVE TEACHING
Date and year:	29 <sup>th</sup> April, 2022
Venue:	Online (Gmeet)
<b>Resource person/s:</b>	Robert Clements
Organizing	Internal Quality Assurance Cell and Center for Teaching Learning
Committee	
No. of	24
Participants:	
Objective:	To introduce faculty to the concept of Reflective Teaching
	To facilitate a more engaged and interactive classroom by helping
	teachers become active instructors who listen and contemplate on their
	teaching methodology
Summary of the	With the intention of inculcating more introspective teaching, the Internal
proceedings:	Quality Assurance Cell (IQAC) in collaboration with Centre for
	Teaching and Learning of Parvatibai Chowgule College of Arts and
	Science (Autonomous) organized a webinar on 'Reflective Teaching'
	under Co-ordinator Ms. Sameena Fernandes eFalleiro.
	The guest speaker for the lecture which was held on 29 April 2022 at
	2:30pm was Mr. Robert Clements, a renowned newspaper Columnist and
	respected motivational speaker who has a readership of over six million
	people.
	Mr. Clements spoke about the need for teachers to be actively engaged in
	the classroom instead of being passive knowledge givers. He highlighted
	the importance of knowing the audience, i.e. the students and making
	keen observations of body language and tone. He elucidated as to how
	teaching is a conversation and not a one-way street. Mr. Clements spoke
	on how teachers need to inspire as well as make students aspire for
	higher duties in life, love and career.
	The key focus of Mr. Clements talk was on the acronym
	R.E.F.L.E.C.T.I.V.E. which deals with the impact of teaching, being
	engaged teachers, feeling for the students, listening with our eyes,
	empowering people and building trust through expressing vulnerabilities
	and having open conversations.
	After an engaging question-answer round with Prof. Sawant (Geography
	department), the session was brought to a close by Asst. Prof.
	Shubhankar Shah (English department) with a vote of thanks. The lecture
	was widely attended by the faculty and outside audience.





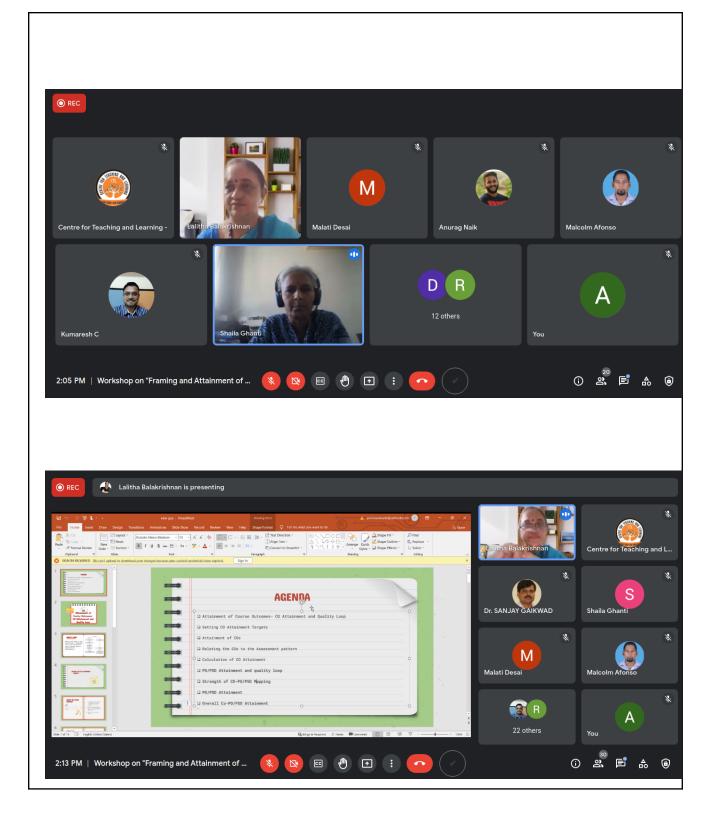


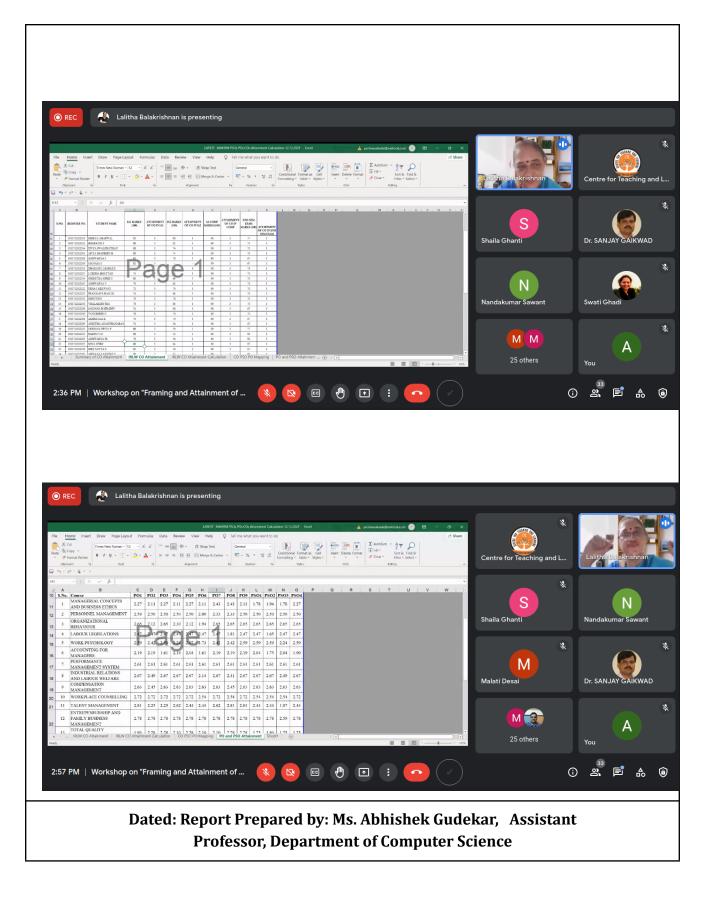
## **CENTRE FOR TEACHING AND LEARNING**

	REPORT ON
Title:	WORKSHOP ON FRAMING & ATTAINMENT OF OUTCOMES
Date and year:	19 <sup>TH</sup> JANUARY, 2022 (WEDNESDAY)
Venue:	ONLINE(Google Meet)
Resource person/s:	Dr.Lalitha Balakrishnan, Member General Council NAAC, Member Syndicate University of Madras.
Organizing Committee	Center for Teaching Learning & IQAC
No. of Participants:	01 (Resource Person) 41 (Chowgule College Faculty) TOTAL: 42 Males: 13, Females: 28
Objective:	Workshop on Framing & Attainment of Outcomes
Summary of the proceedings:	<ul> <li>The Workshop on "Framing and Attainment of Outcomes" was organised by IQAC and CTL.The Workshop started at 2:00 pm with Dr Sameena Falleiro briefing the participants about the objectives of having this workshop. Dr. Shaila Ghanti (Officiating Principal) introduced the resource person. The resource person Dr. Lalitha Balakrishnan took over and explained the agenda with the participants.</li> <li>Dr. Lalitha Balakrishnan explained about the quality loop that starts at the framing of course outcomes and ends at the attainment of outcomes.</li> <li>In her presentation she spoke about setting attainment targets, attainment of COs, Relating COs to the Assessment pointers, Strength of CO-PO Mapping and Overall CO-PO Attainment.</li> <li>She briefly explained about the examination system of the briefly explained about the examination system of t</li></ul>
	institution. She demonstrated the working of excel file which was created to measure the attainment of CO Attainment. She

informed that in her institution 50 % weightage is for internal assessments and 50 % for Semester end examination. Internal Assessments marks are divided into 20:20:10 form. She informed that few exercises are given before the first Internal Assessment to judge the attainment target. The target is decided by the course Teacher. CO-PO mapping is also done by the course teacher. If a particular CO is highly related to a particular PO then 3 is assigned in the matrix. If CO is moderately related to PO then 2 is assigned and if CO is remotely related then value 1 is assigned. Based on the marks scored by the students in various assessments and the mapping of CO-PO, CO and PO attainment is calculated.
The participants then had a discussion with the resource person on the implementation of the outcome attainment exercise at the institute level.

Photographs:		
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IQAC in collaboration with CTL is organizing	Anurag Naik	Malcolm Afonso
Workshop on Framing & Attainment of Outcomes		*
Resource person Dr. Lalitha Balakrishnan Date: 19th January 2022 Member General Council NAAC, Time: 02:00 PM = 03:30 PM	Kumaresh C	Roxiette Heromina Siqueira
Member Syndicate University of Madras.		×
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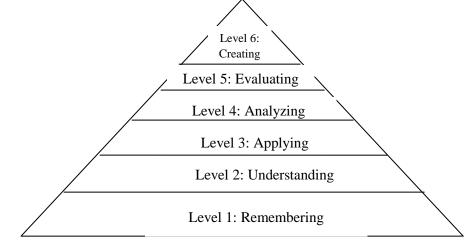


## PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) - GOGOL, MARGAO-GOA

	REPORT				
Title:	WORKSHOP ON OUTCOME BASED EDUCATION				
Date and year:	17 <sup>th</sup> December 2021				
Venue:	Conference room				
Resource	Dr. Shaila Ghanti on 'Introduction on OBE'				
person/s:	Dr. Sameena Falleiro on 'Bloom's Taxonomy'				
	Mr. Abhishek Gudekar on 'Course Outcome Attainment'				
Organizing	Internal Quality Assurance Cell (IQAC) in collaboration with Centre for Teaching				
Committee	Learning (CTL)				
No. of	12				
Participants					
Objective:	Enlighten and Orient the newly appointed faculty members the significance and				
	methodologies of the Outcome Based Education in the present education structure.				
Summary of	The workshop was started in the following schedule:				
the	Session 1: Dr. Shaila Ghanti with introducing the concept of Outcome based				
proceedings	education (OBE), that is a thinking process what a teacher has to do to see that how				
	they will develop their students with the objectives framed for the courses are				
	actually implemented by the students once they reach in the industry. Two activities were undertaken i.e.				
	1: Preparation for conducting a course by the teacher before class and				
	2. Develop skill in the student as per the demand for a specific job				
	Focus points were:				
	1. Time Management				
	<ol> <li>Develop course/curriculum as per the demand of the market requirement.</li> </ol>				
	3. Research involved.				
	4. Enhancing ability to adopt different techniques to deliberate and generate				
	skills amongst the students by implementing different strategies.				
	5. Assessing their knowledge / skills acquired through proper assessment mode				
	of methods.				
	Important aspect for teachers under OBE is defining, delivering and achieving				
	through				
	1. Course outcomes: Something that Industries / corporates require from their				
	employees, hence curriculum has to framed accordingly.				
	2. Programme Outcomes: What students should accomplish with certain skills.				
	3. Programme Specific Outcomes: Very specific skills required by the				
	programme.				
	OBE Design: Vision Mission				
	Programme Education Outcome				
	Programme Outcome				
	Graduate Attribute				
	CO1 CO2 CO3				
	Session 2: Dr. Sameena Falleiro explained the concept and importance of Blooms				
	Taxonomy as how a teacher has to prepare their teaching methodology to reach the				
	creation/innovation part of developing in students through their assessments.				



- 1. Cognitive: mental skill (Knowledge)
- 2. Affective: Growth in feeling (Attitude)
- 3. Psychomotor: Manual / Physical Skills (Skills)
- Blooms Taxonomy is generating/ transforming students ability stage wise from lower level to higher level i.e. lower order to higher order.



Session 3: Mr. Abhishek Gudekar explained how to attain the Course outcomes. Every question framed for assessing should be related to the COs laid down and should be mapped appropriately. These structured COs should be quantified and provided appropriate marks which have to be incorporated in the software prepared to help derive the outcomes acquired by the individual student and also particular section of students in the class.

Key points:

- 1. Analysis the level of skills of Beginner level, Medium level and Lower level.
- 2. This is a continuous process of evolution i.e. creation, analysis, recreation as per the experience for improvement.



Dr. Shaila Ghanti introducing the Outcome based Education to the participants at the Workshop on Outcome Based Education



Participants listening to Dr. Shaila Ghanti introducing the Outcome based Education at the Workshop on 'Outcome Based Education'



Dr. Sameena Falleiro explaining Blooms Taxonomy to the participants at the Workshop on 'Outcome Based Education'



Mr. Abhishek Gudekar explaining Course Attainment to the participants at the Workshop on 'Outcome Based Education'

Report/IQAC-CTL/2021 Rev:00 Prepared by: Ms. Bhavana Sawardekar Date: 18.12.2021 Page: 1 of 1 Approved by Dr. Shaila Ghanti, IQAC Chairman

			Total Attendees: 12	
	inc	ollaboration w	vith	
	Centre for	Teaching Learn	ing (CTL)	
		Organizes		
	Workshop on "Out	come Based	Education (OBE)"	
	Resources Persons:		######################################	
				,
				J
PARVATIBAI CHOWGULE COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) Internal Quality Assurance Cell (IQAC) incollaboration with Centre for Teaching Learning (CTL) Organizes         Workshop on "Outcome Based Education (OBE)"         Resources Persons:       Dr. Shaila Ghanti on 'Introduction on OBE' Dr. Sameena Falleiro on 'Bloom's Taxonomy' Falley Mr. Abhishek Gudekar on 'Course Outcome Attainment Mr. Abhishek Gudekar on 'Course Outcome Attainment Sanatia N. Manakikar         2 Saroj A. Usgaonkar       Philosophy         3 Gautami N. Manakikar       Zoology         4 Filomena Pereira       Zoology         5 Mithali M. Halamkar       Zoology         6 Trupti U. Faldesai       Marathi <tr< td=""></tr<>				
SN	Names of Newly appointed teachers	A ARCINE MARKED AND A MEMORY AND A COMPANY	Signature	
1	Audrick D Mello	Philosophy	All	
2	Saroj A. Usgaonkar	Philosophy	amy	
3	Gautami N. Manakikar	Zoology	0	
4	Filomena Pereira	Zoology	-	
5	Mithali M. Halarnkar	Zoology	11/2/2021	
6	Trupti U. Faldesai	Marathi		
7	Shalma Mascarenhas	Zoology	Had 11/2/2.1	
8	Shradha B. Gawandi	Marathi	-	
9	Diksha D. Karapurkar	Geology	Haropunce	
10	Sankrita S. Gaonkar	Botany	( and an	
11	Sushama P. Salgaonkar	Botany	A.	
12	Audrey D'costa	Geography	-	
13	Roxiette H. Siqueira	Botany	Requestion	

Submit to Ms. Bhavana Sawardekar



# Parvatibai Chowgule College of Arts and Science Autonomous



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17<sup>th</sup> December 2021

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Dr. Shaila Ghanti**, Associate Professor, Department of Computer Science, Parvatibai Chowgule College of Arts and Science (Autonomous) delivered a session on 'Introduction on Outcome Based Education (OBE)' as a resource person for the Workshop on "Outcome Based Education (OBE)" organized by the Internal Quality Assurance Cell (IQAC) and Centre for Teaching Learning (CTL) for the newly recruited faculty members from 02.45 p.m. and 03.15 p.m. on 17<sup>th</sup> December 2021.

Hechant

Dr. Shaila Ghanti Officiating Principal 17<sup>th</sup> December 2021





# Parvatibai Chowgule College of Arts and Science Autonomous



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17<sup>th</sup> December 2021

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Dr. Sameena Falleiro**, Associate Professor, Department of Computer Science, Parvatibai Chowgule College of Arts and Science (Autonomous) delivered a session on 'Bloom's Taxonomy' as a resource person for the Workshop on "Outcome Based Education (OBE)" organized by the Internal Quality Assurance Cell (IQAC) and Centre for Teaching Learning (CTL) for the newly recruited faculty members from 03.15 p.m. and 04.00 p.m. on 17<sup>th</sup> December 2021.

**Dr. Shaila Chanti** Officiating Principal 17<sup>th</sup> December 2021





# Parvatibai Chowgule College of Arts and Science Autonomous



Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 Point Scale) Best Affiliated College-Goa University Silver Jubilee Year Award

17<sup>th</sup> December 2021

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Abhishek Gudekar**, Assistant Professor, Department of Computer Science, Parvatibai Chowgule College of Arts and Science (Autonomous) delivered a session on 'Course Outcome Attainment' as a resource person for the Workshop on "Outcome Based Eductation (OBE)" organized by the Internal Quality Assurance Cell (IQAC) and Centre for Teaching Learning (CTL) for the newly recruited faculty members from 04.00 p.m. and 04.45 p.m. on 17<sup>th</sup> December 2021.

School

**Dr. Shaila Ghanti** Officiating Principal 17<sup>th</sup> December 2021

