



**Maratha Vidya Prasarak Samaj's**  
**Arts, Commerce & Science College, Manmad.**

Tal. Nandgaon, Dist. Nashik (M.S.) 423104

**Affiliated To Savitribai Phule Pune University, Pune**  
**(ID No-PU/NS/AC/108/2007) AISHE : C-42066**

Web – [www.acsmanmadcollege.ac.in](http://www.acsmanmadcollege.ac.in) Telephone: - 02591-225364  
ISO 9001:2015 Certified

## 2.6.2: Attainment of POs and COs are evaluated:

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## **Procedure for CO, PO & PSO Attainment for Academic year 2021-22**

### **Introduction:**

The MVP'S Arts, Commerce & Science College has adopted Final Year Result base analysis and Programme Exit Survey for the attainment of CO, PO & PSO for the academic year 2021-22. The Final year result of all courses (2021-22) have used for attainment of Course outcome (CO) called Direct Total Attainment. The Internal and External marks obtained by the student at Internal and University Examination held at 2021-22 have used for calculations and attainment of Course outcome. The college have decided 50% threshold value for all Courses for attainment of CO. The PO and PSO have calculated on the basis of Programme Exit Survey (Indirect Total Attainment) for which the final year student, Alumni & Stakeholders were gave us certain responses for questions incorporated at Programme Exit survey for academic year of 2021-22.

### **Mechanism for CO,PO & PSO:**

#### **1. Marks Entry Classification:**

Under the mechanism decided by the college, the marks are classified into two Categories i.e. Internal & External (University Examination). Then course wise marks entry were done by the respective departments and faculties in the prescribed excel sheet format.

#### **2. Determination of Threshold Value:**

All marks of Internal and External examination of all students have entered into the excel sheet, then after consideration of marks of all student for respective course have calculated on the basis threshold value. The threshold value is the base value upon which marks are to be consider for the further calculation of Course attainment.





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**3. Attainment Level Calculation of CO:**

The college were decided Course attainment values for classification of Course attainment i.e. 1 for Low, 2 for Medium and 3 for High attainment of respective course. On the basis of internal and external marks of students the course attainment have calculated, then those courses outcome have secure value 1 are considered as Low Course attainment, those courses outcome have secure value 2 are considered as medium Course attainment, those courses outcome have secure value 3 are considered as High Course attainment.

**4. Programme Exit Survey:**

The college were conducted programme exit survey for attainment of PO and PSO. The programme exit survey were filled by the passed out student, Alumni & Stakeholders of respective Programme. Under the Programme exit survey Likert Rating scale based questions were asked to the respondents. On the basis of responses of passed out student, Alumni & Stakeholders of respective Programme, the Programme Out come and Programme Specific Outcome have to be calculated.

**5. Questionnaire for Programme Exit Survey:**

The Questionnaire for Programme Exit Survey were filled by the passed out student, Alumni & Stakeholders of respective Programme. The predefined five questions were asked to the passed out student, Alumni & Stakeholders of respective Programme in the context of Likert Rating Scale (10 Scale). The questions are as follows:

- i. How will you rate to the Course Content under Specific Programme provides adequate knowledge and skills about the Course?
- ii. How will you rate the Programme assign by Parent university is able to inculcate Critical & analytical thinking among the Student?





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- iii. How will you rate the Students are able to create, select and apply appropriate techniques & resources according to the need of modern Society?
- iv. How will you rate the Students are able to design Solutions for Complex Societal, Cultural, technical and Environmental Problems through knowledge given by Specific Programme?
- v. How will you rate the Students are able to functioning effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings?

### 6. Attainment Calculation of PO & PSO:

On the basis of responses of the passed out student, Alumni & Stakeholders of respective Programme to response sheet the attainment of PO and PSO have calculated. Then those Programme Outcome have secure value 1 are considered as Low Programme attainment, those Programme Outcome have secure value 2 are considered as medium Course attainment, those Programme Outcome have secure value 3 are considered as High Course attainment.

### 7. Final Attainment of CO, PO & PSO:

At the end of Calculation of Course outcome and Programme Outcome the decision have taken on the basis of Attainment Level i.e.1 for Low, 2 for Medium and 3 for High attainment of respective course and Programme.

  
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MVP's Arts, Commerce & Science  
College, Manmad, Dist. Nashik



  
PRINCIPAL  
MVP's Arts, Commerce & Science  
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Maratha Vidya Prasarak Samaj's

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<b>Sr. No</b>	<b>Subject</b>	<b>CO, PO, PSO Attainment Value</b>	<b>Average Attainment Value</b>
<b>Bachelor of Arts</b>			
1.	English	<b>2.36</b>	<b>2.33</b>
2.	Hindi	<b>2.51</b>	
3.	Marathi	<b>2.30</b>	
4.	Politics	<b>2.36</b>	
5.	Economics	<b>2.08</b>	
6.	Geography	<b>2.38</b>	
<b>Bachelor of Commerce</b>			
1.	Costing & Works Accounting	<b>2.84</b>	<b>2.64</b>
2.	Marketing Management	<b>2.43</b>	
3.	Banking & Finance	<b>Nil *</b>	

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**ARTS, COMMERCE & SCIENCE COLLEGE, MANMAD**  
**Department of Economics**  
**Course Attainment Sheet - 2021-22**

Programme: BA Max Marks:

Name of the Exam : Internal & External Exam - 202

Sr. No	Name of the Student	English CO1		GE CO2		General 1 CO3		General 2 CO4		Spl CO5		Spl CO6		Spl CO7		Spl CO8	
		Internal (30)	External (70)	Internal (20)	External (30)	Internal (30)	External (70)	Internal (30)	External (70)	Internal (30)	External (70)	Internal (30)	External (70)	Internal (30)	External (70)	Internal (20)	External (30)
		Marks															
	50% Marks	15	35	12.5	12.5	15	35	15	35	15	35	15	35	15	35	10	15
1	Ghuge Gorakshanath Dilip	19	37	9	11	12	31	12	32	15	38	17	38	20	41	10	22
2	Jadhav Siddharth Gorakhnath	20	40	9	12	12	32	12	30	19	40	18	22	21	36	10	26
3	Karare Sakshi Ranul	18	32	12	9	14	30	19	21	17	43	16	24	20	37	9	24
4	Sanap Rahul Bhausaheb	18	38	11	13	15	38	14	32	20	40	19	28	20	43	11	22
5	Sangle Sagar Kacharu	20	46	12	10	12	41	13	34	20	45	20	44	17	54	12	22
6	Sheike Akshay Deoram	22	51	13	12	12	50	12	53	18	44	19	53	20	53	13	24
7	Wagh Vishal Rajabhai	18	37	14	13	15	36	14	37	15	40	18	28	16	40	13	25
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**ARTS, COMMERCE & SCIENCE COLLEGE, MANMAD**  
**Department of Economics**  
**Course Attainment Sheet - 2021-22**

Programme: BA Max Marks:

Name of the Exam : Internal & External Exam - 2021

Sr. No	Name of the Student	English CO1		GE CO2		General 1 CO3		General 2 CO4		Spl CO5		Spl CO6		Spl CO7		Spl CO8		
		Internal (30)	External (70)	Internal (20)	External (30)	Internal (30)	External (70)	Internal (30)	External (70)	Internal (30)	External (70)	Internal (30)	External (70)	Internal (30)	External (70)	Internal (30)	External (70)	
		Marks	30	70	20	30	30	70	30	70	30	70	30	70	30	70	20	30
		50% Marks	15	35	10	15	15	35	15	35	15	35	15	35	15	35	10	15
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
13	Attempted	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
14	>=50	7	6	5	2	2	4	1	2	7	7	3	7	7	7	6	7	7
15	Target Attainment (%)	100.00	85.71	71.43	28.57	28.57	37.14	14.29	28.57	100.00	100.00	42.86	100.00	100.00	85.71	100.00	100.00	100.00
16	CO Level	Level 3	Level 3	Level 3	Level 0	Level 0	Level 1	Level 0	Level 0	Level 3	Level 3	Level 3	Level 1	Level 3	Level 3	Level 3	Level 3	Level 3

Overall Attainment %	CO	Internal		Level		External		Level					
		Marks	30	70	3	7	Marks	30	70	3	7		
	CO1	100.00	3	85.71	3								
	CO2	71.43	3	28.57	0								
	CO3	28.57	0	37.14	1								
	CO4	14.29	0	28.57	0								
	CO5	100.00	3	100.00	3								
	CO6	100.00	3	42.86	1								
	CO7	100.00	3	100.00	3								
	CO8	85.71	3	100.00	3								

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Data Entry for CO CO Attainment Analysis Data Entry for PO & PSO PO & PSO Attainment Analysis CO, PO & PSO Final Attainment

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**ARTS, COMMERCE & SCIENCE COLLEGE, MANMAD**  
**Department of Economics**  
**Programme Exit Survey - 2021-22**

Programme: BA

Name of the Exam : Internal & External Exam - 2020

Sr. No	Name of the Student	CO1		CO2		CO3		CO4		CO5		CO6		CO7		CO8					
		0.1	0.2	0.3	0.4	0.5	0.1	0.2	0.3	0.4	0.5	0.1	0.2	0.3	0.4	0.5	0.1	0.2	0.3	0.4	0.5
		Marks	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	50% Marks	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	1 Ghuge Gorakshanath Dilip	9	8	9	10	9	9	7	9	9	9	8	9	9	8	9	9	8	9	8	8
10	2 Jadhav Siddharth Gorakhnath	10	9	10	10	10	10	9	9	8	10	9	9	10	9	9	9	9	9	9	9
11	3 Katane Sakshi Rahul	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
12	4 Sanna Rahul Binusashab	9	8	9	10	9	9	10	9	8	10	9	9	10	9	9	10	9	9	9	9
13	5 Sangle Sagar Kacharu	8	8	8	7	8	8	8	8	8	7	8	7	7	7	7	7	7	7	7	7
14	6 Shelke Akshay Deoram	10	9	9	10	9	9	9	10	9	10	10	9	9	9	10	9	9	9	9	9
15	7 Wagh Vishai Rajabhai	9	10	9	9	10	10	10	10	9	9	10	9	10	9	10	9	10	9	10	9

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