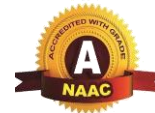




Maratha Vidya Prasarak Samaj's
G.M.D. Arts B.W. Commerce & Science College
Sinnar, Sinnar-422103



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NAAC Reaccredited 'A' grade

Affiliated to Savitribai Phule Pune University, Pune

Id.No.PU/NS/ASC/013/1969

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Introduction:

The **GMD Arts BW Commerce and Science College Sinnar** have 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 **2020-21** have used for calculations and attainment of Course outcome. The college has 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 considering for the further calculation of Course attainment.

3. Attainment Level Calculation of CO:

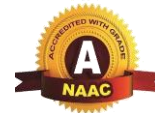
The college were decided Course attainment values for classification of Course attainment i.e. 1 for Low, 2 for Medium and 3 for High attainment of respective course. On the basis of internal and external marks of students the course attainment have calculated, then those courses outcome have secure 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 was conducted programme exit survey for attainment of PO and PSO. The programme exit survey was 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.



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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?
- 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.


CO-ORDINATOR
IQAC
G.M.D. Arts, B.W. Commerce
And Science College, Sinnar


Principal
G. M. D. Arts, B. W. Commerce and
Science College, Sinnar, Dist.Nashik



Maratha Vidya Prasarak Samaj, Nashik

MARATHA VIDYA PRASARAK SAMAJ NASHIK
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NASHIK-422 103 (MS), INDIA
NAAC Re-Accredited 'A' Grade College (CGPA 3.04)
ISO 9001:2015 Certified College

Name of the Exam : Internal & External Exam - 2021-22 (Semester V)

Department of Mathematics - Attainment of CO, PO & PSO

Direct Total Attainment			Indirect Total Attainment	
	Internal	External	CO	Level
CO1	3	3	CO1	3
CO2	3	3	CO2	3
CO3	3	3	CO3	3
CO4	3	3	CO4	3
CO5	3	3	CO5	3
CO6	3	3	CO6	3
CO7	3	3	CO7	3
CO8	3	3	CO8	3
CO9	3	3	CO9	3
CO10	3	3	CO10	3
CO11	3	3	CO11	3
Attainment	3.00	3.00	Final Direct Attainment	3.00
Weightage	20%	80%		
Direct Total Attainment	0.60	2.40		
Final Direct Attainment	3.00			
Weightage	70%		30%	
Direct Total Attainment	2.10		0.90	
Final Direct Attainment	3.00			

Level of Attainment	Base Value (level)	PO/ PSO Attainment Value
Low	1	3.00
Medium	2	
High	3	

Quail

CO-ORDINATOR
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Principal

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Name of the Exam : Internal & External Exam - 2021-22 (Semester VI)

Department of Mathematics - Attainment of CO, PO & PSO

Direct Total Attainment			Indirect Total Attainment	
	Internal	External	CO	Level
CO1	3	3	CO1	3
CO2	3	3	CO2	3
CO3	3	3	CO3	3
CO4	3	3	CO4	3
CO5	3	3	CO5	3
CO6	3	3	CO6	3
CO7	3	3	CO7	3
CO8	3	3	CO8	3
CO9	3	3	CO9	3
CO10	3	3	CO10	3
CO11	3	3	CO11	3
Attainment	3.00	3.00	Final Direct Attainment	3.00
Weightage	20%	80%		
Direct Total Attainment	0.60	2.40		
Final Direct Attainment	3.00			
Weightage	70%		30%	
Direct Total Attainment	2.10		0.90	
Final Direct Attainment	3.00			

Level of Attainment	Base Value (level)	PO/ PSO Attainment Value
Low	1	3.00
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High	3	

[Signature]

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