



Sahyadri Shikshan Mandal's

**Mahant Jamanadas Maharaj**  
**Arts, Commerce and Science College**

Karanjali, Tal. Peth, Dist. Nashik – 422208, (MS) India

**(Affiliated to Savitribai Phule Pune University, Pune)**

**Accredited by NAAC- 'C' Grade (CGPA-1.72)**



**Criterion-II:**

**Teaching- Learning and Evaluation**

**2.6.2: Attainment of POs and Cos**



ID No. PU/NS/ACS/150/2009

॥ स्वदेशे पुज्यते राजा विद्वांसर्वत्र पुज्यते ॥  
Govt. of Mah. Order No. N.G.C. 2009 (152/09) MS R - 4  
Sahyadri Shikshan Mandal's Dindori

## Mahant Jamanadas Maharaj ARTS, COMMERCE & SCIENCE COLLEGE

Karanjali, Tal. Peth, Dist. Nashik. (Maharashtra) 422 208. Ph.No.: 02558 - 234666  
E-mail : mjmcollge1@yahoo.com College Code - 908

जावक क्र.: 186/2024-25

दिनांक : 20/12/2024


### DECLARATION

This is to declare that the information, reports, true copies of the supporting documents, numerical data etc. submitted / Presented in the files is verified by Internal Quality Assurance Cell (IQAC) and it is correct as per the record.


This declaration is for the purpose of NAAC accreditation of HEI for the 2<sup>nd</sup> cycle period 2018-2019 to 2022-23.

Date:-20/12/2024

Place:-Karanjali

  
Dr. M.S. Shinde  
I.Q.A.C. Co-ordinator  
M.J.M. Arts, Commerce  
and Science College  
Karanjali, Nashik-422 208



  
Dr. U.P. Shinde  
Principal  
M.J.M. Arts, Commerce &  
Science College Karanjali,  
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Sahyadri Shikshan Mandal,  
Karanjali, Tal.: Peth, Dist.: Nashik.  
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## **Sahyadri Shikshan Mandals Mahant Jamanadas Maharaj Arts, Commerce and Science College, Karanjali, Peth, Nashik**

### **Procedure for CO, PO Attainment for Academic year 2018-23**

#### **Introduction:**

Our Mahant Jamnadas Maharaj Arts, Commerce and Science College, Karanjali is affiliated to Savitribai Phule Pune University, Pune. We offered Under Graduate courses under the Faculty of Arts, Commerce and Science. For these programs and courses, the institute followed the curriculum designed by our affiliated university. The Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution and the same are communicated to the students in the formal way of the discussion in the classroom and departmental notice board. After measuring attainment of POs, PSOs and COs, it has been observed that the strength of the students as well as passing percentage of the students is increasing progressively. Besides, students' progression to the higher studies that is from Under Graduate seems to be increasing consistently and rapidly in the last five years. We took almost care of measuring the level of attainment of POs, PSOs and COs and followed formal as well as informal mechanism for the measurement of attainment of the outcomes. Even we took feedback from all the stakeholders in this respect and try to take necessary steps accordingly. Subsequently, the College took care of the attainment to measure the POs, PSOs and COs and implemented the mechanism as follows:-

The institute followed the Academic Calendar of our affiliated university.

- All the subject teachers maintained Academic Diary in every academic year.
- All the subject teachers prepared Semester-Wise evaluation Reports.

## Criterion II: Teaching – Learning and Evaluation

- College examination committee analyzed evaluation reports of results.
- Institute considered Feedback from the Stakeholders for the attainment of PO, PSO and CO.
- Placement committee took the review of the Students' Progression to Higher Studies and their Placement.

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

Learning outcome of the various programme run in the college are measured and evaluated time to time throughout the session. The process of evaluation begins with the classroom level initiatives by teachers like unit tests, assignments, quiz, group learning projects, viva-voce, etc. in order to assess the programme outcomes and programme specific outcomes attained by students. The student's responses to these activities reflects the workability of programme planning and curriculum.

**Some of the key indicators of measuring attainment are:**

**Direct Method of Measuring Attainment of POs and COs:**

**Internal Assessments:** The internal assessment is based on Assignments and viva –voce which covers 15% of weightage of the total marks in each semester. The other elements to assess the students to ensure the delivery of knowledge for learning outcomes is done through Project work, Unit tests, Group Activity, attendance, etc

**End Semester Examination:**

The end semester is conducted by SPPU university. The examination is based on the programme curriculum designed by the SPPU Pune university. The college ensured the proper delivery of course through its various teaching learning -measures. The end semester examination helps in measuring the course attainment of the level required for the programme.

**Results Analysis:** The results of the semester have been gathered by the each department and analysis of the same is done to ensure the end objective. The IQAC of the college gathers data of

## Criterion II: Teaching – Learning and Evaluation

result analysis from the each department. The IQAC also called meetings wherein proper delivery of teaching learning is evaluated and passed some suggestions to the teachers to ensure the results of the end semester examination.

Promotion to Higher Education and Placements: College students significantly entered in higher education within the college run courses and courses in the other colleges.

### **Indirect Method of Measuring Attainment of POs and COs:**

Students Feedback: Student's feedback in the day to day classroom is the highly adopted by the teachers. The overall feedback and students satisfaction survey is annually conducted by the feedback committee to assess the college facilities and teaching learning process. The feedback of the mostly received in the requirements of facilities and not in any problem in the courses or programme run in the college.

The Program outcomes of Bachelor of Arts are as follows:

PO1: Students are introduced to community engagement and global understanding

PO2: Critical and creative thinking of the students have been developed.

PO3: Students developed their Communication skills.

PO4: Ethical values are inculcated among the students.

The Program outcomes of Bachelor of Commerce are as follows:

PO1: Students received knowledge of the application of basic skills necessary for analysis of programs in Business Administration, Banking, Economics, Accounting, Marketing, Management and Finance.

PO2: Understanding of the students is improved of national economic and business scenario.

PO3: Students developed their entrepreneurship and contributed in the successful operation of a business.

The Program outcomes of Bachelor of Science are as follows:

PO1: The students understood the fundamentals of science education.

PO2: The students' knowledge in all basic sciences is enriched.

## Criterion II: Teaching – Learning and Evaluation

PO3: Interdisciplinary approach amongst students has been developed.

PO4: Sense of scientific responsibilities, social and environment awareness have been inculcated among the students.

PO5: Students built-up a progressive and successful career in academics and industry.

PO6: Students are motivated to contribute in the development of Nation and community.

## Procedure for CO, PO Attainment with sample

Mahant Jamanadas Maharaj Arts, Commerce and Science College, Karanjali

Result March-April (2021-22)

Class- T.Y. B.Sc. Botany

Sr. No.	Seat. No.	Name of Student	Paper								Practical			% Result
			I	II	III	IV	V	VI	VII	VIII	I	II	III	
1	29069	Bhadange Rajesh S	29	25	38	29	37	36	38	30	27	38	38	(71.41) First class with Dis.
2	29070	Bhambere Suraj R	35	28	40	33	37	41	40	31	45	39	39	(69.09) First Class
3	29071	Bhoye Harshal M	28	24	39	27	37	27	34	29	39	37	36	(64.18) First Class
4	29072	Bhoye Ratna Jagan	40	29	34	32	40	34	36	38	48	40	42	(77.86) First class with Dis.
5	29073	Bhusare Tejaswini P	38	27	37	30	39	33	36	30	37	34	36	(70.50) First class with Dis.
6	29074	Gaikwad Khushal R	31	20	34	31	35	32	40	29	38	33	39	(68.05) First Class
7	29075	Gavandhe Vinod J	32	26	38	31	36	39	37	32	44	40	40	(67.27) First Class
8	29076	Hinde Ankush D	27	21	37	30	35	27	35	32	37	35	34	(63.32) First Class
9	29077	Mahale Sagar P	28	25	36	27	40	27	39	32	39	38	40	(67.95) First Class
10	29078	Pawar Nisha S	30	20	32	31	37	30	34	33	39	34	35	(66.59) First Class

Total students =10

First Class with Distinction= 03

First class students-07

Total result=100 %

**Sahyadri Shikshan Mandals**  
**Mahant Jamanadas Arts, Commerce and Science College,**  
**Karanjali, Peth**  
**Overall CO, PO Attainment (2022-2023)**

	Name of the Course	Attainment of CO (Direct Total Attainment)	Attainment of PO (Indirect Total Attainment)	CO, PO Final Attainment Value
Arts		UG	UG	UG
	Economics	2.13	0.88	2.99
	History	2.16	0.94	3.00
	Marathi	2.09	0.90	2.99
<b>Final Attainment Value – Arts</b>				<b>2.54</b>
Commerce	Commerce	2.18	0.96	3.00
<b>Final Attainment Value – Commerce</b>				<b>3.00</b>
Science	Botany	1.28	0.99	2.87
	Chemistry	2.16	0.93	3.00
	Zoology	2.19	0.90	3.00
<b>Final Attainment Value – Science</b>				<b>2.72</b>

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**Mahant Jamanadas Arts, Commerce and Science College,**  
**Karanjali, Peth**  
**Overall CO, PO Attainment (2021-2022)**

	Name of the Course	Attainment of CO (Direct Total Attainment)	Attainment of PO (Indirect Total Attainment)	CO, PO Final Attainment Value
Arts		UG	UG	UG
	Economics	2.89	0.85	2.96
	History	2.98	0.97	3.00
	Marathi	2.23	0.94	2.97
<b>Final Attainment Value – Arts</b>				<b>2.54</b>
Commerce	Commerce	2.76	0.99	2.78



Criterion II: Teaching – Learning and Evaluation

<b>Final Attainment Value – Commerce</b>				<b>2.78</b>
Science	Botany	1.89	0.99	2.18
	Chemistry	2.34	0.93	3.00
	Zoology	2.56	0.92	2.99
<b>Final Attainment Value – Science</b>				<b>2.72</b>

**Sahyadri Shikshan Mandals**  
**Mahant Jamanadas Arts, Commerce and Science College,**  
**Karanjali, Peth**  
**Overall CO, PO Attainment (2020-2021)**

	<b>Name of the Course</b>	<b>Attainment of CO (Direct Total Attainment)</b>	<b>Attainment of PO (Indirect Total Attainment)</b>	<b>CO, PO Final Attainment Value</b>
Arts		UG	UG	UG
	Economics	2.45	0.88	2.95
	History	2.67	0.96	2.98
	Marathi	2.23	0.99	2.78
<b>Final Attainment Value – Arts</b>				<b>2.79</b>
Commerce	Commerce	2.87	0.92	3.00
<b>Final Attainment Value – Commerce</b>				<b>3.00</b>
Science	Botany	2.28	0.98	2.34
	Chemistry	2.35	0.94	3.00
	Physics	2.56	0.99	2.99
<b>Final Attainment Value – Science</b>				<b>2.78</b>

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**Mahant Jamanadas Arts, Commerce and Science College,**  
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**Overall CO, PO Attainment (2019-2020)**

	<b>Name of the Course</b>	<b>Attainment of CO (Direct Total Attainment)</b>	<b>Attainment of PO (Indirect Total Attainment)</b>	<b>CO, PO Final Attainment Value</b>
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Criterion II: Teaching – Learning and Evaluation

			<b>Attainment)</b>	
Arts		UG	UG	UG
	Economics	2.13	0.85	2.95
	History	2.15	0.90	3.00
	Marathi	1.98	0.90	2.56
<b>Final Attainment Value – Arts</b>				<b>2.54</b>
Commerce	Commerce	2.10	0.90	3.00
<b>Final Attainment Value – Commerce</b>				<b>3.00</b>
Science	Botany	1.28	0.90	2.18
	Chemistry	2.10	0.90	3.00
	Physics	2.09	0.90	2.99
<b>Final Attainment Value – Science</b>				<b>2.72</b>

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**Overall CO, PO Attainment (2018-2019)**

	Name of the Course	Attainment of CO (Direct Total Attainment)	Attainment of PO (Indirect Total Attainment)	CO, PO Final Attainment Value
Arts		UG	UG	UG
	Economics	2.32	0.87	2.95
	History	2.56	0.94	3.00
	Marathi	1.90	0.98	2.56
<b>Final Attainment Value - Arts</b>				<b>2.26</b>
Commerce	Commerce	2.10	0.90	3.00
<b>Final Attainment Value - Commerce</b>				<b>3.00</b>
Science	Botany	1.28	0.90	2.18
	Chemistry	2.10	0.90	3.00
	Zoology	2.09	0.90	2.99
<b>Final Attainment Value – Science</b>				<b>2.72</b>

  
**I.Q.A.C. Co-ordinator**  
**M.J.M. Arts, Commerce**  
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**Principal**  
**M.J.M. Arts, Commerce &**  
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