



*Bharat Shikshan Santha's*

# **SHRI CHHATRAPTI SHIVAJI COLLEGE, OMERGA**

Dist.- Osmanabad - 413606 (MAH)

## **Internal Quality Assurance Cell (IQAC)**

*Affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad*



## **METHODS OF ASSESSING STUDENTS PERFORMANCE & LEARNING OUTCOMES**

**(COs-POs-SPOs for UG- PG level)**

**Academic Year -2020-21**

**Dr. Sanjay Aswale**

**IQAC Coordinator & Vice Principal.**

**Dr. G. H. Jadhav**

**Principal**

# Attainment of COs, POs and SPOs

(For UG-PG programs)

## Introduction:

The Program Outcomes, Specific Program Outcomes and Course Outcomes are defined by ensuring the teaching learning process of the college for all academic programs and courses. They are instrumental in achieving the vision, mission and strategic objectives of the college. While defining Learning outcomes it is considered that the Learning outcomes are measurable and they are expressed as complete declarative sentences that clearly describe the knowledge, skills, and competencies that students are expected to acquire as a result of completing their program of study.

## Method of assessment of POs-Cos- SPOs

The college assessed the course and programs for attainment the output on the basis of following parameters. This method is developed by Internal Quality assurance cell of our college,

### **Program Outcomes POs-**

**Determine or Identify the Program Objectives**

**Define the Learning Outcomes of the Programs**

### **Course Outcomes COs-**

**Identify the Course Objectives**

**Observe the Performance of the students in the Class**

**Define the Learning Outcomes of the Course**

### **Specific Program Outcomes -SPOs-**

**Find out the Final University Exam Results of the Program**

**Find out the Students Placed after Program**

**Find out the results of Student satisfaction Survey**

## Mechanism to Measure Attainment

The Course Outcomes (Cos) Program Outcomes (POs) and Specific Program Outcomes (SPOs) are assessed for measuring the attainment. The assessment of student learning outcomes is done by using a separate mechanism. This mechanism and process of attainment of each of the Program Outcomes and Specific Program Outcomes are explained as under.

**I - Course Outcomes (COs):** Four levels have been defined at Central level for attainment of COs to be implemented at departmental level and the same is as per below-

**Average Level- Level-1:** The results of the course (subject) between 40- 50 % in the Semester II, IV, VI and University examination & College Continuous Internal Examination. (0.1)

**Medium Level- Level-2:** The results of the course (subject) between 50- 60 % in the Semester II, IV, VI and College Continuous Internal Examination. (0.2)

**High Level- Level-3:** The results of the course (subject) between 60- 80 % in the Semester II, IV, VI and College Continuous Internal Examination. (0.3)

**Excellent Level- Level-4:** The results of the course (subject) above 80 % in the Semester II, IV, VI and College Continuous Internal Examination. (0.4)

**2. Program Outcomes (POs):** Four levels have been defined at Central level for attainment of POs to be implemented at departmental level and the same is as per below-

**Average Level- Level-1:** The results of the Final Year University examination Semester VI and Students Satisfaction Survey by passed out students on Curriculum between 40- 50 %. (0.1)

**Medium Level- Level-2:** The results of the Final Year University examination Semester VI and Students Satisfaction Survey by passed out students on Curriculum between 50- 60 %. (0.2)

**High Level- Level-3:** The results of the Final Year University examination Semester VI and Students Satisfaction Survey by passed out students on Curriculum between 60- 80 %. (0.3)

**Excellent Level- Level-4:** The results of the Final Year University examination Semester VI and Students Satisfaction Survey by passed out students on Curriculum above 80 %. (0.4)

**PROGRAM OUTCOMES (POs)**  
**Academic year -2020-21- Under Graduate Programs**

<b>Program</b>	<b>No of Students Appeared</b>	<b>No. of Students Passed</b>	<b>Percentage</b>
<b>B. A.</b>	161	74	45.96
<b>B. Sc.</b>	239	172	71.97
<b>B. Com.</b>	97	52	53.61
<b>BCS</b>	50	41	82.00
<b>Total</b>	<b>547</b>	<b>339</b>	61.97

**PROGRAM OUTCOMES (POs)**  
**Academic year -2020-21 Post Graduate Programs**

Program	No of Students Appeared	No. of Students Passed	Percentage
M.A. Marathi	13	7	53.85
M.A. Hindi	15	11	73.33
M.A. English	28	22	78.57
M.A. History	19	19	100
M. A. Geography	19	17	89.47
M.A. Political Sci.	20	3	15.00
M.A. Sociology	14	9	64.29
M. Sc. Chemistry	37	31	83.78
M. Sc. Physics	29	24	82.76
M. Com.	54	25	46.30
<b>Total</b>	<b>218</b>	<b>168</b>	<b>68.17</b>

**SPECIFIC PROGRAM OUTCOMES (SPOs)**  
**Academic year -2020-21- Under Graduate Programs**

Program	No. of Students Passed	Percentage	Higher Education	Job	Agri business	Self-Employment - Businesses	Unemployed
<b>B. A.</b>	74	45.96	31	9	12	04	18
<b>B. Sc.</b>	172	71.97	29	5	26	14	98
<b>B. Com.</b>	52	53.61	29	5	08	04	06
<b>BCS</b>	41	82.00	05	1	11	09	20
<b>Total</b>	<b>339</b>	<b>61.97</b>	<b>94</b>	<b>20</b>	<b>57</b>	<b>31</b>	<b>142</b>

**Analysis of SPO Attainment of UG Program**  
**Academic Year - 2020-21**

Program	Result	Placed/HE/Self-employed/Agri Business	Average	Obtained	Attainment of outcome of PO Level (0.1,0.2, 0.3)
<b>B. A.</b>	45.96	75.68	60.82	60-80 %.	0.3
<b>B. Sc.</b>	71.97	43.02	57.49	50-60 %	0.2
<b>B. Com.</b>	53.61	84.61	69.11	60-80 %	0.3
<b>BCS</b>	82.00	63.42	72.71	60-80 %	0.3
<b>Total</b>	<b>253.54</b>	<b>266.73</b>	<b>260.13</b>	<b>--</b>	<b>--</b>
<b>Average</b>	<b>63.38</b>	<b>66.68</b>	<b>65.03</b>	60-80 %	<b>0.3</b>

**SPECIFIC PROGRAM OUTCOMES (SPOs)**  
**Academic year -2020-21**  
**Post Graduate Programs**

Program	No. of Students Passed	Percentage	Job	Agri business	Self-Employment -Business	Unemployed
M.A. Marathi	7	53.85	00	02	03	02
M.A. Hindi	11	73.33	00	02	04	05
M.A. English	22	78.57	06	03	02	11
M.A. History	19	100	05	02	03	09
M. A. Geography	17	89.47	05	02	03	07
M.A. Political Sci.	3	15.00	03	0	0	0
M.A. Sociology	9	64.29	03	01	02	03
M. Sc. Chemistry	31	83.78	04	06	5	16
M. Sc. Physics	24	82.76	05	01	03	15
M. Com.	25	46.30	14	01	05	05
<b>Total</b>	<b>168</b>	<b>68.17</b>	<b>45</b>	<b>20</b>	<b>30</b>	<b>73</b>

**Analysis of SPO Attainment of PG Program**  
**Academic Year - 2020-21**

Program	Result	Placed/HE/Self-employed/Agri Business	Average	Obtained	Attainment of outcome of SPO Level
M.A. Marathi	53.85	71.42	62.63	60-80 %	0.3
M.A. Hindi	73.33	54.54	64.13	60-80 %	0.3
M.A. English	78.57	50	64.28	60-80 %	0.3
M.A. History	100	52.63	76.31	60-80 %	0.3
M. A. Geography	89.47	58.82	74.14	60-80 %	0.3
M.A. Political Sci.	15.00	100	57.5	50-60 %	0.2
M.A. Sociology	64.29	66.66	65.47	60-8- %	0.3

M. Sc. Chemistry	83.78	48.38	66.08	60-80 %	0.3
M. Sc. Physics	82.76	37.5	60.13	60-80 %	0.3
M. Com.	46.30	80	63.15	60-80 %	0.3
<b>Total</b>	<b>687.35</b>	<b>619.95</b>	<b>653.82</b>		
<b>Average</b>	<b>68.735</b>	<b>61.995</b>	<b>65.382</b>	60-80 %	0.3

## **To Conclude:**

### **Achievements of UG courses:**

- The average percentage of the UG students passed is 61.97. It is analysed that 41.88 per cent of the UG students are unemployed. After results it is found through student's satisfaction survey.
- The attainment level of programs under UG course is Level -3 as High level except the program of BSC which is Level 2 as Medium Level
- It is also concluded that the attainment of average level of UG program is Level-3 High level and it is satisfactory.

### **Achievement of PG courses:**

- The average percentage of the PG students passed is 68.17
- It is analysed that only 43.45 per cent of the PG students are unemployed.
- The attainment level of programs under PG course are Level -0.3 High level except the program of M. A. Political Science which is Level 0.2 as Medium Level
- It is also concluded that the attainment of average level of PG program is Level-0.3 High level and it is satisfactory.

IQAC is recommends to improve the attainment level from High level to excellent level and also to improve the level of BSC and MA Political science program from medium level to High level

**IQAC Coordinator**

**Principal**