



***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 -2018-19**

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# **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)

**3 -Specific Program Outcomes (SPOs):** Four levels have been defined at Central level for attainment of SPOs 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, students placed and became Entrepreneurs and students satisfaction survey analysis-40- 50 %. (0.1)

**Medium Level- Level-2:** The results of the final year university examination, students placed and became Entrepreneurs and students satisfaction survey analysis- between 50- 60 %. (0.1)

**High Level- Level-3:** The results of the final year university examination, students placed and became Entrepreneurs and students satisfaction survey analysis- between 60- 80 %. (0.1)

**Excellent Level- Level-4:** The results of the final year university examination, students placed and became Entrepreneurs and students satisfaction survey analysis-above 80 %. (0.1)

## COURSE OUTCOMES (COs)

### Academic year -2018-19- Under Graduate Programs

Program	Course	Semester	Appeared	Passed	Percentage
<b>B. A.</b>	Marathi	II Sem	77	67	87.01
		IV Sem	55	40	72.73
		VI Sem.	39	37	94.87
	Hindi	II Sem	105	67	63.81
		IV Sem	69	64	92.75
		VI Sem.	62	62	100
	English	II Sem	374	233	62.30
		IV Sem	241	195	80.91
		VI Sem.	18	15	83.33
	History	II Sem	301	110	36.54
		IV Sem	189	180	95.24
		VI Sem.	129	125	96.90
	Geography	II Sem	86	58	67.44
		IV Sem	79	68	86.08
		VI Sem.	61	60	98.36
	Political Science	II Sem	197	85	43.15
		IV Sem	125	112	89.60
		VI Sem.	103	101	98.06
	Sociology	II Sem	180	51	28.33
		IV Sem	112	98	87.50
		VI Sem.	65	63	96.92
	Economics	II Sem	66	37	56.06
		IV Sem	43	37	86.05
		VI Sem.	25	22	88.00
Physical Education	II Sem	44	30	68.18	
	IV Sem	11	11	100	
	VI Sem.	6	6	100	
<b>B. Sc.</b>	Chemistry	II Sem	241	179	74.27
		IV Sem	181	143	79.01
		VI Sem.	200	150	75.00
	Physics	II Sem	208	164	78.85
		IV Sem	172	121	70.35
		VI Sem.	169	124	73.37
	Electronics	II Sem	33	29	87.88
		IV Sem	18	16	88.89
		VI Sem.	14	14	100
	Botany	II Sem	47	38	80.85
		IV Sem	28	23	82.14
		VI Sem.	35	32	91.43
	Zoology	II Sem	47	45	95.74
		IV Sem	29	28	96.55
		VI Sem.	36	36	100
	Mathematics	II Sem	82	76	92.68
		IV Sem	73	70	95.89

		VI Sem.			
	Industrial Chemistry	II Sem	45	39	86.67
		IV Sem	28	21	75.00
		VI Sem.	21	21	100
<b>BCS</b>	First Year	II Sem	59	46	77.97
	Second Year	IV Sem	49	44	89.80
	Third Year	VI Sem.	43	38	88.37
<b>B Com.</b>	First Year	II Sem	122	106	86.89
	Second Year	IV Sem	113	81	71.68
	Third Year	VI Sem.	98	37	37.76

**COURSE OUTCOMES (COs)**  
**Academic year -2018-19 Post Graduate Programs**

Name of the Course	Semester	No of Students Appeared	No. of Students Passed	Percentage
M.A. Marathi	II	26	26	100
	IV	16	14	87.50
M.A. Hindi	II	27	26	96.30
	IV	11	10	90.91
M.A. English	II	45	41	91.11
	IV	32	20	62.50
M.A. History	II	29	27	93.10
	IV	20	17	85.00
M. A. Geography	II	19	19	100
	IV	30	25	83.33
M.A. Sociology	II	33	33	100
	IV	16	15	93.75
M.A. Political Sci.	II	42	42	100
	IV	23	16	69.57
M.Sc. Chemistry	II	36	35	97.22
	IV	28	21	75.00
M.Sc. Physics	II	31	30	96.77
	IV	30	21	70.00
M. Com	II	69	69	100
	IV	70	51	72.86

**PROGRAM OUTCOMES (POs)**  
**Academic year -2018-19 - Under Graduate Programs**

Program	No of Students Appeared	No. of Students Passed	Percentage
B. A.	187	107	57.22
B.Com.	98	37	37.76
B.Sc.	223	138	61.88
BCS	43	38	88.37
<b>Total</b>	<b>531</b>	<b>320</b>	<b>60.26</b>

**PROGRAM OUTCOMES (POs)**  
**Academic year -2018-19- Post Graduate Programs**

Program	No of Students Appeared	No. of Students Passed	Percentage
M.A. Marathi	16	14	87.50
M.A. Hindi	11	10	90.91
M.A. English	32	20	62.50
M.A. History	20	17	85.00
M. A. Geography	30	25	83.33
M.A. Sociology	16	15	93.75
M.A. Political Sci.	23	16	69.57
M.Sc. Chemistry	28	21	75.00
M.Sc. Physics	30	21	70.00
M. Com	70	51	72.86
<b>Total</b>	<b>276</b>	<b>210</b>	<b>76.08</b>

**SPECIFIC PROGRAM OUTCOMES (SPOs)**  
**Academic year -2018-19 - Under Graduate Programs**

Program	No. of Students Passed	Percentage	Higher Education	Job	Agri business	Self-Employment -Business	Unemployed
B. A.	107	57.22	57	39	02	02	05
B.Com.	37	37.76	23	4	2	02	06
B.Sc.	138	61.88	65	17	12	08	19
BCS	38	88.37	6	03	06	09	13
Total	320/531	<b>60.26</b>	150/320	80	22	22	46
<b>Percentage</b>			<b>46.88</b>	<b>25</b>	<b>6.88</b>	<b>6.88</b>	<b>14.36</b>

**SPECIFIC PROGRAM OUTCOMES (SPOs)**  
**Academic year -2018-19**  
**Post Graduate Programs**

<b>Program</b>	<b>No. of Students Passed</b>	<b>Percentage</b>	<b>Job</b>	<b>Agri business</b>	<b>Self-Employment -Business</b>	<b>Unempl oyed</b>
M.A. Marathi	14	87.50	04	5	2	3
M.A. Hindi	10	90.91	07	0	0	03
M.A. English	20	62.50	07	02	02	09
M.A. History	17	85.00	04	02	02	09
M. A. Geography	25	83.33	10	02	02	11
M.A. Sociology	15	93.75	04	04	05	02
M.A. Political Sci.	16	69.57	01	06	07	02
M.Sc. Chemistry	21	75.00	07	06	04	04
M.Sc. Physics	21	70.00	10	11	0	0
M. Com	51	72.86	14	14	13	10
<b>Total</b>	<b>210/276</b>	<b>76.08</b>	<b>68/210</b>	<b>52</b>	<b>37</b>	<b>53</b>
			<b>32.38</b>	<b>24.76</b>	<b>17.62</b>	<b>25.24</b>

**To Conclude:**

Achievement of outcomes of UG courses:

- The average percentage of the UG students passed are 60.26
- It is analysed that only 14.36 per cent of the UG students are unemployed.

Achievement of outcomes of PG courses:

- The average percentage of the PG students passed are 76.08
- It is analysed that 25.24 per cent of the PG students are unemployed.

Thus it is concluded that the performance of the all courses are good and the unemployment rate is also lower.

**Principal**