



***Bharat Shikshan Santha's***

# **SHRI CHHATRPTI 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 -2015-16***

***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)

**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 -2015-16- Under Graduate Programs**

<b>Program</b>	<b>Course</b>	<b>Semester</b>	<b>Appeared</b>	<b>Passed</b>	<b>Percentage</b>
<b>B. A.</b>	Marathi	II Sem	101	99	98.02
		IV Sem	101	51	50.50
		VI Sem.	62	60	96.77
	Hindi	II Sem	100	98	98.00
		IV Sem	113	103	91.15
		VI Sem.	83	81	97.59
	English	II Sem	25	25	100
		IV Sem	47	40	85.11
		VI Sem.	37	37	100
	History	II Sem	279	277	99.28
		IV Sem	308	282	92.16
		VI Sem.	183	180	98.36
	Geography	II Sem	102	102	100
		IV Sem	135	119	88.15
		VI Sem.	99	95	95.96
	Political Science	II Sem	183	175	95.63
		IV Sem	188	184	97.87
		VI Sem.	118	116	98.31
	Sociology	II Sem	158	158	100
		IV Sem	211	185	92.42
		VI Sem.	127	106	83.46
	Economics	II Sem	66	62	93.94
		IV Sem	61	44	72.13
		VI Sem.	25	22	88.00
	Physical Education	II Sem	24	23	95.83
		IV Sem	14	14	100
		VI Sem.	34	31	91.89
<b>B. Sc.</b>	Chemistry	II Sem	248	234	94.35
		IV Sem	240	226	94.17
		VI Sem.	203	199	98.03
	Physics	II Sem	200	194	97.00
		IV Sem	219	202	92.24
		VI Sem.	183	180	98.36
	Electronics	II Sem	28	27	96.43
		IV Sem	19	18	94.74
		VI Sem.	18	18	100
	Botany	II Sem	47	46	97.87
		IV Sem	36	36	100
		VI Sem.	34	34	100
	Zoology	II Sem	51	50	98.05
		IV Sem	36	36	100
		VI Sem.	32	32	100
	Mathematics	II Sem	138	138	100
		IV Sem	117	116	99.15
		VI Sem.	87	87	100

	Industrial Chemistry	II Sem	34	34	100
		IV Sem	19	19	100
		VI Sem.	36	35	97.22
<b>BSc</b>	First Year	II Sem	96	94	97.92
	Second Year	IV Sem	112	108	96.43
	Third Year	VI Sem.	117	117	100
BCS	First Year	II Sem	41	41	100
	Second Year	IV Sem	44	42	95.45
	Third Year	VI Sem.	36	25	69.44
<b>B Com.</b>	First Year	II Sem	129	126	97.67
	Second Year	IV Sem	141	138	97.87
	Third Year	VI Sem.	115	94	81.74

**COURSE OUTCOMES (COs)**  
**Academic year -2015-16 - Post Graduate Programs**

Name of the Course	Semester	No of Students Appeared	No. of Students Passed	Percentage
M.A. Marathi	II	23	23	100
	IV	23	22	95
M.A. Hindi	II	24	24	100
	IV	33	27	81.82
M.A. English	II	55	55	100
	IV	60	40	66.67
M.A. History	II	26	25	96.15
	IV	30	27	90.00
M. A. Geography	II	40	38	95.00
	IV	36	25	69.44
M.A. Sociology	II	14	14	100
	IV	21	20	95.26
M.A. Political Sci.	II	38	38	100
	IV	38	33	86.84
M.Sc. Chemistry	II	33	33	100
	IV	22	12	54.55
M.Sc. Physics	II	28	27	96.43
	IV	27	24	88.89
M. Com	II	62	62	100
	IV	54	43	79.63

**PROGRAM OUTCOMES (POs)**  
**Academic year -2015-16- Under Graduate Programs**

Program	No of Students Appeared	No. of Students Passed	Percentage
B. A.	268	198	73.88%
B.Com.	115	94	81.74%
B.Sc.	239	218	91.21%
BCS	36	25	69.44%
<b>Total</b>	<b>658</b>	<b>535</b>	<b>81.31%</b>

**PROGRAM OUTCOMES (POs)**  
**Academic year -2015-16- Post Graduate Programs**

Program	No of Students Appeared	No. of Students Passed	Percentage
M.A. Marathi	23	22	95.65%
M.A. Hindi	33	27	81.82%
M.A. English	60	40	66.67%
M.A. History	30	27	90.00%
M. A. Geography	36	25	69.44%
M.A. Sociology	21	20	95.24%
M.A. Political Sci.	38	33	86.84%
M.Sc. Chemistry	22	12	54.55%
M.Sc. Physics	27	24	88.89%
M. Com	54	43	79.63%
<b>Total</b>	<b>344</b>	<b>273</b>	<b>79.36%</b>

**SPECIFIC PROGRAM OUTCOMES (SPOs)**  
**Academic year -2015-16- Under Graduate Programs**

Program	No. of Students Passed	Percentage	Higher Education	Job	Agri business	Self-Employment - Business	Unemployed
B. A.	198	73.88%	70	28	42	6	52
B.Com.	94	81.74%	36	09	16	11	22
B.Sc.	218	91.21%	68	56	44	12	38
BCS	25	69.44%	06	0	4	3	12
<b>Total</b>	<b>535</b>	<b>81.31%</b>	<b>180</b>	<b>93</b>	<b>106</b>	<b>32</b>	<b>124</b>
		<b>Percentage</b>	<b>33.65%</b>	<b>17.39%</b>	<b>19.81%</b>	<b>5.98%</b>	<b>23.17%</b>

**SPECIFIC PROGRAM OUTCOMES (SPOs)**  
**Academic year -2015-16**  
**Post Graduate Programs**

Program	No. of Students Passed	Percentage	Further Study	Job	Agri business	Self-Employment - Business	Unemployed
M.A. Marathi	22	95.65%	0	3	14	0	05
M.A. Hindi	27	81.82%	0	4	9	5	09
M.A. English	40	66.67%	0	0	04	03	33
M.A. History	27	90.00%	0	3	9	5	05
M. A. Geography	25	69.44%	0	12	5	4	4
M.A. Sociology	20	95.24%	0	3	7	1	9
M.A. Political Sci.	33	86.84%	0	5	10	06	12
M.Sc. Chemistry	12	54.55%	0	10	0	0	02
M.Sc. Physics	24	88.89%	01	3	06	1	14
M. Com	43	79.63%	01	08	12	18	04
<b>Total</b>	<b>273</b>	<b>79.36%</b>	<b>02</b>	<b>51</b>	<b>86</b>	<b>43</b>	<b>97</b>
			<b>0.73%</b>	<b>16.69%</b>	<b>31.50%</b>	<b>15.75%</b>	<b>35.53%</b>

**To Conclude:**

Achievement of outcomes of UG courses:

- The average percentage of the UG students passed are 81.31%
- It is analysed that only 23.17 per cent of the UG students are unemployed.

Achievement of outcomes of PG courses:

- The average percentage of the PG students passed are 79.36
- It is analysed that only 35.53 per cent of the PG students are unemployed.

**Principal**