

**ShikshanPrasarakSanstha's  
PadmabhushanVasatraodadaPatilMahavidyalaya,KavatheMahankal**

**DEPARTMENT OF ENGLISH**

**Academic Year: 2021-22**

**Mechanism for framing Learning Outcomes and Measuring their Attainment Step 1:**

**Defining the Vision and Mission of the Department.**

**Vision**

To empower students in the rural drought-prone area of western Maharashtra through the study of English language and literature, fostering critical thinking, creativity, and communication skills that will enable them to thrive in a rapidly changing world.

**Mission**

1. To provide high-quality education in English language and literature to students in the rural drought-prone area of western Maharashtra, equipping them with the skills and knowledge necessary for personal and professional success.
2. To cultivate a love for literature, language, and creative expression among students, encouraging them to explore diverse cultural perspectives and develop their own unique voices.
3. To foster a supportive and inclusive learning environment that values diversity, promotes collaboration, and celebrates the rich heritage of the region.
4. To prepare students to be effective communicators, critical thinkers, and lifelong learners who can adapt to the demands of the 21st century globalized world.
5. To engage with the local community and leverage resources to create opportunities for students to apply their English language skills in real-world contexts, contributing to the socio-economic development of the region.

**Step 2: Defining Program Outcomes (PO's) and Program Specific Outcomes (PSO's) of the program.**

**Programme Outcomes (PO) B.A.**

After completion of B.A. Programme student will be able to,

**PO1:** Get insights into the socio-economic and political issues at local to global.

**PO2:** Good employability skills as per the current need of society to compete in the competitive world.

**PO3:** Capable for addressing complex social and environmental issues from a problem-oriented interdisciplinary perspective and also assess its impact on the environment and society.

**PO4:** To foster the practice of creative writing and studies in applied language skills.

**Programme Specific Outcome (PSO)**

**PSO 1:** After completion of the B.A. in English, students will communicate in English effectively which will be helpful to improve professional and social ethics.

**PSO 2:** Students will be confident at Listening, Speaking, Reading, and Writing skills.

**PSO 3:** Students will be a good reader of the literature and it will make them to study the different cultures through the literature.

**PSO 4:** Literature will change their attitude towards the personal and social life and it will be helpful to

make them sensible person and responsible citizen.

### **Course Outcomes (CO)**

#### **Course 1: Modern Indian Writing in English Translation I**

After successfully completing this course students will be able to:

**CO1.1:** Understand the translated modern Indian Literature in English

**CO1.2:** Study the short story as a form of Literature.

#### **Course 2: Modern Indian Writing in English Translation II**

After successfully completing this course students will be able to:

**CO2.1:** Develop the literary competence among them.

**CO2.2:** Study the poetry as a form of literature.

#### **Course 3: Literature and Cinema I**

After successfully completing this course students will be able to:

**CO3.1:** Understand the film and its relationship to literature.

**CO3.2:** Develop the critical approaches to engage with film adaptation.

#### **Course 4: Partition Literature I**

After successfully completing this course students will be able to:

**CO4.1:** Create a new awareness of partition scenario among them.

**CO 4.2:** Elaborate on the impact of partition on society.

#### **Course 5: Literature and Cinema II**

After successfully completing this course students will be able to:

**CO5.1:** Acquire film literacy through working knowledge of basic film technology.

**CO5.2:** Understand the issues and practices of cinematic adaptation.

#### **Course 6: Partition Literature II**

After successfully completing this course students will be able to:

**CO6.1:** Understand the partition literature through short stories.

**CO6.2:** Explain the hidden human dimensions of the partition.

#### **Course 7: Introduction to Literary Criticism-I**

After successfully completing this course students will be able to:

**CO7.1:** Understand the major trends in criticism

**CO7.2:** Interpret critical concepts.

#### **Course 8: English Poetry-I**

After successfully completing this course students will be able to:

**CO8.1:** Trace the development of English Poetry from the days of Shakespeare to the contemporary India.

**CO8.2:** Appreciate and Analyse poems properly.

#### **Course 9: English Drama-I**

After successfully completing this course students will be able to:

**CO9.1:** Understand the different forms of Drama.

**CO9.2:** Relate the drama to their ideological or Socio-political context.

#### **Course 10: English Novel- I**

After successfully completing this course students will be able to:

**CO10.1:** Understand the different forms of Novel.

**CO10.2:** Relate the Novel to their ideological or Socio-political context.

**Course11: Language and Linguistics-I**

After successfully completing this course students will be able to:

**CO 11.1** Understand the concept of communication

**CO11.2:** Get knowledge of varieties of the English Language.

**Course12: Introduction to Literary Criticism-II**

After successfully completing this course students will be able to:

**CO12.1:** Study the original contribution to literary criticism.

**CO12.2:** Understand the meaning and appreciate the poems Critically.

**Course13: English Poetry-II**

After successfully completing this course students will be able to:

**CO13.1:** Understand the poetry gives intellectual, moral and linguistic pleasures.

**CO13.2:** Get knowledge of poetry various cultures and traditions.

**Course14: English Drama-II**

After successfully completing this course students will be able to:

**CO14.1:** Improve their creative and imaginative faculties through the reading of drama.

**CO 14.2:** Know about various aspects of the drama.

**Course15: English Novel- II**

After successfully completing this course students will be able to:

**CO15.1:** Improve their creative and imaginative faculties through the reading of novel.

**CO 15.2:** Know about various aspects of the Novel.

**Course16: Language and Linguistics-II**

After successfully completing this course students will be able to:

**CO16.1:** Know the different levels of study of the English Language.

**CO 16.2:** Understand the Basic Units of Grammar.

**Step 4: Defining relation between Course Outcomes (COs) and POs/PSOs for each course to obtain overall CO mapping with each POs/PSOs. (Course Articulation Matrix)**

In this step, CO's of each course are mapped with PO's & PSO's. A correlation is established between CO's and PO's / PSO's in the scale of 0 to 3. 0 if there is no correlation between CO's and PO's / PSO's, 1 being low, 2 being median and 3 being high.

For example, suppose program XYZ (say) has 4 PO's & 4 PSO's. Then, course articulation matrix for a course – 1 (say) with two CO's is as follows.

**CO's-PO's&PSO's mapping matrix (1-low, 2-medium, 3-high, 0-No correlation)**

CO's	PO's/PSO's							
	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4
CO1.1	2	1	3	2	1	2	3	3
CO1.2	2	1	3	3	1	2	2	3

In the same way we have course articulation matrices for all courses in that Program.

**CO's-PO's&PSO's mapping matrix (1-low, 2-medium, 3-high, 0-No correlation)**

CO's	PO's/PSO's							
	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4
CO 1.1	2	1	3	2	1	2	3	3
CO 1.2	2	1	3	3	1	2	2	3
CO 2.1	1	2	1	3	2	2	3	3
CO 2.2	2	1	2	3	1	2	3	3
CO 3.1	3	1	3	1	2	2	3	3
CO 3.2	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>3</b>	3
CO 4.1	3	0	3	2	2	1	3	3
CO 4.2	3	1	3	1	2	1	2	3
CO 5.1	0	3	1	2	1	1	1	2
CO 5.2	0	3	2	1	3	1	3	3
CO 5.3	3	0	3	2	2	2	3	3
CO 5.4	3	0	3	2	3	2	3	3
CO 6.1	1	1	2	3	2	1	3	3
CO 6.2	2	2	3	2	2	2	2	3
CO 7.1	3	1	2	2	1	1	2	3

CO 7.2	2	2	3	1	2	2	3	3
CO 8.1	3	2	2	2	1	2	3	3
CO 8.2	3	2	3	1	3	2	3	3
CO 9.1	3	2	2	2	1	2	3	3
CO 9.2	3	2	3	1	3	2	3	2
CO10.1	2	3	2	3	2	3	2	3
CO10.2	1	3	2	2	1	2	1	3
CO10.3	1	1	2	3	2	1	2	3
CO10.4	1	1	2	2	2	1	2	2
CO11.1	2	3	3	1	3	1	3	3
CO11.2	3	3	3	1	3	0	3	3
CO12.1	2	3	1	2	3	2	3	3
CO12.2	3	2	3	3	2	2	3	3
CO13.1	2	3	1	2	3	2	3	3
CO13.2	3	2	3	3	2	2	3	3
CO14.1	2	3	3	3	2	3	2	3
CO14.2	1	3	2	3	2	3	3	3
CO15.1	2	1	3	2	1	2	3	3
CO15.2	2	1	3	3	1	2	2	3
CO16.1	1	2	1	3	2	2	3	3
CO16.2	2	1	2	3	1	2	3	3

**Step5:Development of overall CO's-PO's mapping matrix for all courses (Program Articulation Matrix).**

The CO levels corresponding to each PO/PSO in course articulation matrix are averaged to obtain overall level of relation of course with each PO & PSO. For example, the overall relation of course – 1 (say) are reported the following matrix.

CO's	PO's/PSO's							
	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4
CO1.1	2	1	3	2	1	2	3	3
CO1.2	2	1	3	3	1	2	2	3
Average ( $X_{i,..,l}$ )	2	1	3	2.5	1	2	2.5	3

Similarly, the overall level of relation of all the courses in the program is established. These levels are reported in the matrix form and this matrix is called as the program articulation matrix. For example, if the program XYZ has 16 courses then the program articulation matrix will be as follows.

**Program Articulation Matrix**

ID	Coursename	$X_{i,..,1}$	$X_{i,..,2}$	$X_{i,..,3}$	$X_{i,..,4}$	$X_{i,..,5}$	$X_{i,..,6}$	$X_{i,..,7}$	$X_{i,..,8}$
$C_1$	Course_1	2	1	3	2.5	1	2	2.5	3
$C_2$	Course_2	1.5	1.5	1.5	3	1.5	2	3	3
$C_3$	Course_3	3	1.5	3	1.5	2	2	3	3
$C_4$	Course_4	3	0.5	3	1.5	2	1	2.5	3
$C_5$	Course_5	0	3	1.5	1.5	2	1	2	2.5
$C_6$	Course_6	3	0	3	2	2.5	2	3	3
$C_7$	Course_7	1.5	1.5	2.5	2.5	2	1.5	2.5	3
$C_8$	Course_8	2.5	1.5	2.5	1.5	1.5	1.5	2.5	3
$C_9$	Course_9	3	2	2.5	1.5	2	2	3	3
$C_{10}$	Course_10	3	2	2.5	1.5	2	2	3	2.5
$C_{11}$	Course_11	1.5	3	2	2.5	1.5	2.5	1.5	3
$C_{12}$	Course_12	1	1	2	2.5	2	1	2	2.5
$C_{13}$	Course_13	2.5	3	3	1	3	0.5	3	3
$C_{14}$	Course_14	2.5	2.5	2	2.5	2.5	2	3	3
$C_{15}$	Course_15	2.5	2.5	2	2.5	2.5	2	3	3
$C_{16}$	Course_16	1.5	3	2.5	3	2	3	2.5	3

**Step 6: Methodology for measuring of Course Outcomes (CO's), Program Specific Outcomes (PSO's) and Program Outcomes (PO's) and setting up the target level.**

In this step, methodology for measuring the attainment level of learning outcomes is defined and the target levels for the batch are defined.

➤ **Methodology for the attainment of learning outcomes for this year:**

Details of a program:

- Name of the Program: XYZ
- Program has  $n_1$  PO's, say,  $PO_1, PO_2, \dots, PO_{n_1}$
- Program has  $n_2$  PSO's, say,  $PSO_1, PSO_2, \dots, PSO_{n_2}$

Let  $n = n_1 + n_2$ , total number of PO's and PSO's.

- For convenience, let us denote the PO's & PSO's  $PO_1, PO_2, \dots, PO_{n_1}, PSO_1, PSO_2, \dots, PSO_{n_2}$  by  $P_1, P_2, \dots, P_n$
- Program has  $m$  courses, say,  $C_1, C_2, \dots, C_m$
- Each course  $C_i$  has  $k$  course outcomes (CO's) denoted as  $CO_{i,1}, CO_{i,2}, \dots, CO_{i,k}, i = 1, 2, \dots, m$ . and  $k$  represents the number of outcomes particularly that of course.

Course articulation matrices and program articulation matrix are obtained as discussed in previous steps. Let  $X_{i,j,l}$  be the level of correlation of  $CO_{i,j}$  with  $P_l$  where,  $i = 1, 2, \dots, m, j = 1, 2, \dots, k, l = 1, 2, \dots, n$ . Then, the overall CO levels with PO's & PSO's of course  $C_i$  is computed as  $X_{il} = \frac{1}{k} \sum_{j=1}^k X_{ijl}$ . Here  $k$  be the number of outcome in the average course taken,

## Attainment of COs:

The CO attainment levels are measured based on the results of the internal assessment and external examination conducted by the university. The CO attainment level based on internal assessment and external assessment are computed separately.

Attainment levels based on internal/external assessment method are defined as follows:

**Level 1:** Average of student marks belongs to the class 0% - 20% for that assessment method

**Level 2:** Average of student marks belong to the class 20% - 40% for that assessment method

**Level 3:** Average of student marks belong to the class 40% - 60% for that assessment method

**Level 4:** Average of student marks belong to the class 60% - 80% for that assessment method

**Level 5:** Average of student marks belong to the class 80% - 100% for that assessment method

Let  $ALC_E$  and  $ALC_I$  be the CO attainment level of the course based on external assessment and internal assessment respectively. The overall CO attainment of the course is calculated by taking 100% weight age to external assessment.

$$ALC = ALC_E.$$

Let  $ALC_1, ALC_2, \dots, ALC_m$  be the attainment levels of the courses  $C_1, C_2, \dots, C_m$  respectively. The overall course attainment levels are categorized as below,

Level 1: Poor – if  $0 < ALC_i \leq 1$ ,

Level 2: Average – if  $1 < ALC_i \leq 2$ ,

Level 3: Good – if  $2 < ALC_i \leq 3$ ,

Level 4: Very Good – if  $3 < ALC_i \leq 4$ , Level 5:

Excellent – if  $4 < ALC_i \leq 5$ .

For every course, we have set Very Good – Attained as target level that is we are aiming minimum level 4 (Very good) and how the course status is attained in the performance of abilities of students.

At the end we will have attainment levels of all the courses,

ID	Course name	$ALC_i$	Level	Status
$C_1$	Course_1	3	Good	Not Attained
$C_2$	Course_2	3	Good	Not Attained
$C_3$	Course_3	4	Very Good	Attained
$C_4$	Course_4	4	Very Good	Attained
$C_5$	Course_5	3	Good	Not Attained
$C_6$	Course_6	3	Good	Not Attained
$C_7$	Course_7	3	Good	Not Attained
$C_8$	Course_8	3	Good	Not Attained

$C_9$	Course_9	4	VeryGood	Attained
$C_{10}$	Course_10	4	Very Good	Attained
$C_{11}$	Course_11	3	Good	Not Attained
$C_{12}$	Course_12	3	Good	Not Attained
$C_{13}$	Course_13	3	Good	Not Attained
$C_{14}$	Course_14	4	Very Good	Attained
$C_{15}$	Course_15	4	Very Good	Attained
$C_{16}$	Course_16	3	Good	Not Attained

**Step7:CalculationofattainmentlevelsofPO'sandPSO's.**

➤ **AttainmentofPO's& PSO's:**

The attainment of PO's & PSO's are calculated using direct method. In direct method the attainment of PO's & PSO's are calculated through the attainment levels of courses. The course attainment values (  $ALC_i$ ,  $i= 1, 2, 3, \dots, m$ .) and the overall level ofrelation ofcourse with each PO and PSO(  $X_{i,l}$ ,  $i=1, 2, 3, \dots, m$ ,  $l= 1, 2, 3,\dots, n$ .) areusedto compute direct attainment levelof each PO and PSO.

**DirectAssessment:**Directattainmentlevelofthe $l^{th}$ , PO's&PSO'siscalculatedasfollows.

$$DALP_l = \frac{\sum_{i=1}^m ALC_i * X_{i,l}}{\sum_{i=1}^m ALC_i}, l=1,2,\dots,n.$$

ID	Coursename	ALCi	$X_{i,l}$	$ALC_i * X_{i,l}$
$C_1$	Course_1	3	2	6
$C_2$	Course_2	3	1.5	4.5
$C_3$	Course_3	4	3	12
$C_4$	Course_4	4	3	12
$C_5$	Course_5	3	0	0
$C_6$	Course_6	3	3	9
$C_7$	Course_7	3	1.5	4.5
$C_8$	Course_8	3	2.5	7.5
$C_9$	Course_9	4	3	12
$C_{10}$	Course_10	4	3	12
$C_{11}$	Course_11	3	1.5	4.5
$C_{12}$	Course_12	3	1	3
$C_{13}$	Course_13	3	2.5	7.5
$C_{14}$	Course_14	4	2.5	10
$C_{15}$	Course_15	4	2.5	10
$C_{16}$	Course_16	3	1.5	4.5
Sum		54		119
$DALP_l = 119/54$			2.2037	

Similarly, wehavetofindattainmentlevelsofallPO'sandPSO's.

Sr.No.	ALC <sub>i</sub>	X <sub>i,,1</sub>	X <sub>i,,2</sub>	X <sub>i,,3</sub>	X <sub>i,,4</sub>	X <sub>i,,5</sub>	X <sub>i,,6</sub>	X <sub>i,,7</sub>	X <sub>i,,8</sub>
1	3	2	1	3	2.5	1	2	2.5	3
2	3	1.5	1.5	1.5	3	1.5	2	3	3
3	4	3	1.5	3	1.5	2	2	3	3
4	4	3	0.5	3	1.5	2	1	2.5	3
5	3	0	3	1.5	1.5	2	1	2	2.5
6	3	3	0	3	2	2.5	2	3	3
7	3	1.5	1.5	2.5	2.5	2	1.5	2.5	3
8	3	2.5	1.5	2.5	1.5	1.5	1.5	2.5	3
9	4	3	2	2.5	1.5	2	2	3	3
10	4	3	2	2.5	1.5	2	2	3	2.5
11	3	1.5	3	2	2.5	1.5	2.5	1.5	3
12	3	1	1	2	2.5	2	1	2	2.5
13	3	2.5	3	3	1	3	0.5	3	3
14	4	2.5	2.5	2	2.5	2.5	2	3	3
15	4	2.5	2.5	2	2.5	2.5	2	3	3
16	3	1.5	3	2.5	3	2	3	2.5	3
Sum	54	34	29.5	38.5	33	32	28	42	46.5

Sr.No.	ALC <sub>i</sub> * X <sub>i,, 1</sub>	ALC <sub>i</sub> * X <sub>i,, 2</sub>	ALC <sub>i</sub> * X <sub>i,, 3</sub>	ALC <sub>i</sub> * X <sub>i,, 4</sub>	ALC <sub>i</sub> * X <sub>i,, 5</sub>	ALC <sub>i</sub> * X <sub>i,, 6</sub>	ALC <sub>i</sub> * X <sub>i,, 7</sub>	ALC <sub>i</sub> * X <sub>i,, 8</sub>
1	6	3	9	7.5	3	6	7.5	9
2	4.5	4.5	4.5	9	4.5	6	9	9
3	12	6	12	6	8	8	12	12
4	12	2	12	6	8	4	10	12
5	0	9	4.5	4.5	6	3	6	7.5
6	9	0	9	6	7.5	6	9	9
7	4.5	4.5	7.5	7.5	6	4.5	7.5	9
8	7.5	4.5	7.5	4.5	4.5	4.5	7.5	9
9	12	8	10	6	8	8	12	12
10	12	8	10	6	8	8	12	10
11	4.5	9	6	7.5	4.5	7.5	4.5	9
12	3	3	6	7.5	6	3	6	7.5
13	7.5	9	9	3	9	1.5	9	9
14	10	10	8	10	10	8	12	12
15	10	10	8	10	10	8	12	12
16	4.5	9	7.5	9	6	9	7.5	9
Sum	119	99.5	130.5	110	109	95	143.5	157
DALP <sub>i</sub>	2.2037	1.8426	2.4167	2.037	2.0185	1.7593	2.6574	2.9074

**Step8: Comparison of target level with obtained PO attainment.**

In this step the target level of PO's and PSO's attainment are compared with obtained DALP<sub>i</sub>

Attainment levels are defined as stated below.

Level 1: Poor – if  $0 < ALC_i \leq 1$ ,

Level 2: Average – if  $1 < ALC_i \leq 1.5$ ,

Level 3: Good – if  $1.5 < ALC_i \leq 2$ ,

Level 4: Very Good – if  $2 < ALC_i \leq 2.5$ ,

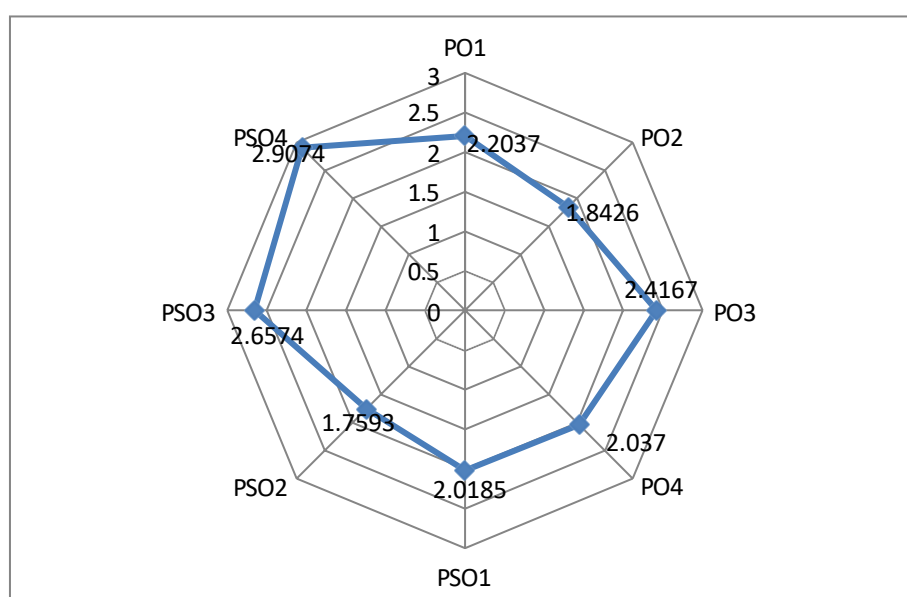
Level 5: Excellent – if  $2.5 < ALC_i \leq 3$ .

For every PO's and PSO's, we have set level 4 as target level that is we are aiming minimum level 4 (Very good) in the performance of abilities of students.

### Attainment level of all the POs and PSOs

PO's	$DALP_i$	Level	Status
PO1	2.2037	Very Good	Attained
PO2	1.8426	Good	Not Attained
PO3	2.4167	Very Good	Attained
PO4	2.037	Very Good	Attained
PSO1	2.0185	Very Good	Attained
PSO2	1.7593	Good	Not Attained
PSO3	2.6574	Excellent	Attained
PSO4	2.9074	Excellent	Attained

$P_i$  attainment target levels say, 4, indicates that, the department is aiming minimum level-4 (very good) in the performance of abilities of students.



### Step9: Planned actions:

#### Remedial Actions:

Planned actions for course attainment: Courses having course level less than level-4 are addressed by designing the different remedial measures like assignment/tutorials/remedial teaching.

Planned actions for program outcome attainment: PO's and PSO's with level attainment less than level-4 are addressed by planning remedial measures for the corresponding courses with respect to  $P_i$ .