

**Shetkari Shikshan Prasarak Mandal's**  
**KRISHNA MAHAVIDYALAYA, RETHARE BK**  
**DEPARTMENT OF HINDI**  
**HINDI OBE PROCESS**  
**Academic Year 2021-2022**

1. Course- Program outcome Matrix: The Program Outcomes are developed through the curriculum (curricular/co-curricular extra-curricular activities). The program outcomes are attained through course implementation. As an educator, one must know, "to which POs is his/her course contributing?". So that one can design the learning experiences, select teaching methods, and design the tool for assessment. Hence, establishing the Course-PO matrix is an essential step in the OBE. The course-program outcomes matrix indicates the correlation between the courses and program outcomes. The CO-PO matrix is the map of the list of courses contributing to the development of respective Pos.

The Template is provided in the table below

Sr. No	Course Title	PSO -A	PSO- B	PSO -C	PSO- D	PSO -E	PSO- F	PSO -G	PSO- H	PSO -I
1.	B. A. III Paper No. VII विधा विशेष का अध्ययन D.S.E-E 6	√	√		√					
2.	B. A. III Paper No. VIII साहित्यशास्त्र D.S.E-E-7			√				√		√
3	B. A. III Paper No. IX हिंदी साहित्य का इतिहास D.S.E.-E-8						√		√	
4	B.A. III Paper No. X प्रयोजनमूलक हिंदी DSE-E-9	√	√	√	√	√	√	√	√	√
5	B. A. III Paper No. XI भाषाविज्ञान आणि हिंदी भाषा DSE-E-10	√	√	√	√	√	√	√	√	√
6	B. A. III Paper No. XII विधा विशेष का अध्ययन DSE.-E-131	√	√	√						
7	B. A. III Paper No. XIII साहित्यशास्त्र D.S.E-E-132			√				√		√
8	B. A. III Paper No. XIV हिंदी साहित्य का इतिहास D.S.E.-E-133						√		√	
9	B.A. III Paper No. XV प्रयोजनमूलक हिंदी DSE-E-134	√	√	√	√	√	√	√	√	√
10	B. A. III Paper No. XVI भाषाविज्ञान और हिंदी भाषा DSE-E-135	√	√	√	√	√	√	√	√	√

**2. Course Outcomes (for all courses):**

The course outcomes are the statement that describes the knowledge & abilities developed in the student by the end of the course (subject) teaching. The focus is on the development of abilities rather than mere content. There can be 5 to 7-course outcomes of any course. These are to be written in specific terms and not in general. The list of Course Outcomes is

Annexure-C attached herewith.

### 3. Set Target levels for Attainment of Course Outcomes:

The course outcome attainment is assessed in order to track the graduates' performance w.r.t target level of performance. CO-PO attainment is the tool used for continuous improvement in the graduates' abilities through appropriate learning & teaching strategies. In order to assess student's performance with respect to abilities (at the end of course teaching/by the end of the program) the course outcome attainment is measured/calculated. In order to calculate the program outcome attainment, the course outcome attainment is calculated. Prior to that, the course-program outcome mapping is done.

### 4. Set Target level for Attainment of Program Outcomes:

The program outcome attainment is assessed in order to track the graduates' performance w.r.t target level of performance. CO-PO attainment is the tool used for continuous improvement in the graduates' abilities through appropriate learning & teaching strategies. In order to assess student's performance with respect to abilities (at the end of course teaching/by the end of the program) the course outcome attainment and program outcome attainment are measured/calculated. The program outcome attainment is governed by curricular, co-curricular, and extra-curricular activities including the stakeholders' participation. The direct method and indirect method are adopted to calculate the PO attainment. **The direct method implies the attainment by course outcomes contributing to respective program outcomes. An indirect method is the satisfaction/feedback survey of stakeholders.** In order to calculate the program outcome attainment, the course outcome attainment is calculated. Prior to that, the course-program outcome mapping is done. The set target level is the set benchmark to ensure continuous improvements in the learners'/ graduates' performance.

### 5. Course Attainment Levels:

- a) CO attainment is defined/set at three levels;
- b) The CO attainment is based on end-term examination assessment and internal assessment;
- c) The Co attainment is defined at three levels in ascending order

i. e.g. For end-term and internal examination;

Sr. No	Level	CO Attainments
1.	Level-1:	30% of students scored more than the class average
<b>2.</b>	<b>Level-2:</b>	<b>40% of students score more than the class average</b>
3.	Level-3	50% of students score more than the class average

The target level is set (e.g. Level-2). It indicates that **the current target is level-2; 40% of students score more than the class average.** The CO attainment is measured and the results are obtained. Based on the results of attainment, corrective measures/remedial action is taken.

e. CO Attainment= 80% (Attainment level in end-term examination) + 20% (Attainment level in internal examination)

**6. Program attainment Level:**

a. PO attainment is defined at five levels in ascending order;

The PO attainment is based on the average attainment level of corresponding courses (Direct Method) and feedback survey (Indirect method);

c. The PO attainment levels are defined/set as stated below;

Sr. No	Level	PO Attainments
1.	Level-1:	Poor: Greater than 0.5 and less than 1.0 (0.5>1)
2.	Level-2:	Average: 1.0 to 1.5
3.	<b>Level-3</b>	<b>Good: 3: 1.5 to 2.0</b>
4.	Level-4	Very Good: 2.0 to 2.5
5.	Level-5	Excellent: 2.5 to 3.0

d. The PO attainment target level is set/defined (say, Level-4). It implies that the department is aiming at a minimum level-4 (very good) in the performance of abilities by the graduates. Based upon the results of attainment, the remedial measures are taken;

e. PO Attainment= 80% (Average attainment level by direct method) + 20% (Average attainment level by indirect method).

**7. The Results of CO Attainment: The Results of CO Attainment is provided in Annexure-B**

FOR EXAMPLE, COURSE CODE/TITLE: **Paper IX: DSE-E1 Mathematical Physics**

e.g., For end-term and internal examination;

**i. Level-1: 30% of students scored more than the class average**

**ii. Level-2: 40% of students score more than the class average**

**iii. Level-3: 50% of students score more than the class average**

Paper No. -VII विधा विशेष का अध्ययन		
Average Marks in External examination:	22.81	6
% Students score more than 22.81 is =6	54.54	Level: 3
Average Marks in Internal examination	9.09	
% Students score more than 9.09 is =11	100	Level: 3
A(CO) DSE 6- Paper VII विधा विशेष का अध्ययन		
=	80% (3) +20 (1)	
=	2.4+0.2	
=	2.6	

Paper No. -VIII -साहित्य शास्त्र और समालोचना		
Average Marks in External examination:	24	6
% Students score more than 24 is =6	54.54	Level: 3
Average Marks in Internal examination	9	
% Students score more than 9 is =11	100	Level: 3
A(CO) DSE 7 Paper No. -VIII -साहित्य शास्त्र और समालोचना		
=	80% (3) +20 (3)	
=	2.4+0.6	
=	3	

Paper IX: हिंदी साहित्य का इतिहास		
Average Marks in External examination:	27	8
% Students score more than 27 is =8	72.72	Level: 3
Average Marks in Internal examination	9	
% Students score more than 9 is =11	100	Level: 3
A(CO) DSE 8 Paper IX: हिंदी साहित्य का इतिहास		
=	80% (3) +20 (3)	
=	2.4+0.6	
=	3	

Paper -X प्रयोजन मूलक हिंदी		
Average Marks in External examination:	28	7
% Students score more than 27 is =7	63.63	Level: 3
Average Marks in Internal examination	9	
% Students score more than 9 is =11	100	Level: 3
A(CO) DSE 9 Paper -X प्रयोजन मूलक हिंदी		
=	80% (3) +20 (3)	
=	2.4+0.6	
=	3	

Paper -XI भाषा विज्ञान और हिंदी भाषा		
Average Marks in External examination:	17	4
% Students score more than 17 is =4	36.36	Level: 1
Average Marks in Internal examination	9	
% Students score more than 9 is =11	100	Level: 3
A(CO) DSE 10 Paper -XI भाषा विज्ञान और हिंदी भाषा		
=	80% (1) +20 (3)	
=	0.8+0.6	

Paper No. -XII विधा विशेष का अध्ययन		
Average Marks in External examination:	22	4
% Students score more than 22 is =4	36.36	Level: 1
Average Marks in Internal examination	8	
% Students score more than 8 is=6	54.54	Level: 3
A(CO) DSE 131 Paper No. -XII विधा विशेष का अध्ययन		
=	80% (1) +20 (3)	
=	0.8+0.6	
=	1.4	

Paper No. XIII -साहित्य शास्त्र और समालोचना		
Average Marks in External examination:	34	9
% Students score more than 34 is=9	81.81	Level: 3
Average Marks in Internal examination	8	
% Students score more than 8 is =6	54.54	Level: 3
A(CO) DSE 132 Paper No. -XIII -साहित्य शास्त्र और समालोचना		
=	80% (3) +20 (3)	
=	2.4+0.6	
=	3	

Paper XIV: हिंदी साहित्य का इतिहास		
Average Marks in External examination:	22	6
% Students score more than 22 is =6	54.54	Level: 3
Average Marks in Internal examination	8	
% Students score more than 8 is =8	72.72	Level: 3
A(CO) DSE 133 Paper XIV: हिंदी साहित्य का इतिहास		
=	80% (3) +20 (3)	
=	2.4+0.6	
=	3	

Paper -XV प्रयोजन मूलक हिंदी		
Average Marks in External examination:	29.18	7
% Students score more than 29.18 is =7	63.63	Level : 3
Average Marks in Internal examination	8	
% Students score more than 8 is=5	45.45	Level: 2
A(CO) DSE 134 Paper -XV प्रयोजन मूलक हिंदी		
=	80% (3) +20 (2)	
=	2.4+0.4	
=	2.8	

Paper -XVI भाषा विज्ञान और हिंदी भाषा		
Average Marks in External examination:	30	8
% Students score more than 30 is = 8	72.72	Level :3
Average Marks in Internal examination	8	
% Students score more than 8 is=5	45.45	Level: 2
A(CO) DSE 135 Paper -XVI भाषा विज्ञान और हिंदी भाषा		
=	80% (3) +20 (2)	
=	2.4+0.4	
=	2.8	

**Table No. 1.0: CO Attainment Level**

Course Title	Target Attainment Level	Course Attainment Value	Fully Attained/ Not Attained	Remedial Measures
B. A. III Paper No. VII विद्या विशेष का अध्ययन D.S.E-E 6	2	77.27	3	Fully Attained
B. A. III Paper No. VIII साहित्यशास्त्र D.S.E-E-7	2	77.27	3	Fully Attained
B. A. III Paper No. IX हिंदी साहित्य का इतिहास D.S.E.-E-8	2	86.36	3	Fully Attained
B.A. III Paper No. X प्रयोजनमूलक हिंदी DSE-E-9	2	81.81	3	Fully Attained
B. A. III Paper No. XI भाषाविज्ञान आणि हिंदी भाषा DSE-E-10	2	68.18	3	Fully Attained
B. A. III Paper No. XII विद्या विशेष का अध्ययन DSE.-E-131	2	68.18	3	Fully Attained
B. A. III Paper No. XIII साहित्यशास्त्र D.S.E-E-132	2	90.90	3	Fully Attained
B. A. III Paper No. XIV हिंदी साहित्य का इतिहास D.S.E.-E-133	2	77.27	3	Fully Attained
B.A. III Paper No. XV प्रयोजनमूलक हिंदी DSE-E-134	2	81.81	3	Fully Attained
B. A. III Paper No. XVI भाषाविज्ञान आणि हिंदी भाषा DSE-E-135	2	86.36	3	Fully Attained

**8. The Results of PO Attainment:**

The Results of PO attainment are provided in Annexure-B

FOR EXAMPLE: PO NO.: a (Note: Refer to point No. 11 above which describes the attainment level and set target attainment level).

PO Attainment= 80% (Average attainment level by direct method) + 20% (Average attainment level by indirect method).

(PSO -A) =  $80\% (3+3+1+1+3+3)/06 + 20\% (3+3+3+3+2+2)/6 = 80\% (3) + 20\% (3) = 2.49$  i.e. Level-5. The Target Level is Level-3.

Hence, PO is attained

(PSO -B) =  $80\% (3+3+1+1+3+3)/06 + 20\% (3+3+3+3+2+2)/6 = 80\% (3) + 20\% (3) = 2.49$  i.e. Level-5. The Target Level is Level-3.



Level-5. The Target Level is Level-3.

(PSO -E) =  $80\% (3+1+3+3)/04 + 20\% (3+3+2+2)/4 = 80\% (3) + 20\% (3) = 2.5$  i.e. Level-5. The Target Level is Level-3.

(PSO -F) =  $80\% (3+3+1+3+3+3)/06 + 20\% (3+3+3+3+2+2)/6 = 80\% (3) + 20\% (3) = 2.66$  i.e. Level-5. The Target Level is Level-3.

(PSO -G) =  $80\% (3+3+1+3+3+3)/06 + 20\% (3+3+3+3+2+2)/6 = 80\% (3) + 20\% 6(3) = 2.66$  i.e. Level-5. The Target Level is Level-3.

(PSO -H) =  $80\% (3+3+1+3+3+3)/06 + 20\% (3+3+3+3+2+2)/6 = 80\% (3) + 20\% (3) = 2.66$  i.e. Level-5. The Target Level is Level-3.

(PSO -I) =  $80\% (3+3+1+3+3+3)/06 + 20\% (3+3+3+3+2+2)/6 = 80\% (3) + 20\% (3) = 2.66$  i.e. Level-5. The Target Level is Level-3.

Table No. 2.0 PO Attainment Level

PO/PSO Number	Target Attainment	PO/PSOs Attainment		Fully Attained/ Not Attained	Remedial Measures
	Level	Value	Level		
PSO -A	3	2.49	5	Fully Attained	
PSO -B	3	2.49	5	Fully Attained	
PSO -C	3	2.56	5	Fully Attained	
PSO -D	3	2.5	5	Fully Attained	
PSO -E	3	2.5	5	Fully Attained	
PSO -F	3	2.66	5	Fully Attained	
PSO -G	3	2.66	5	Fully Attained	
PSO -H	3	2.66	5	Fully Attained	
PSO -I	3	2.66	5	Fully Attained	

#### 9. Planned Actions for Course Attainment:

The courses for which the level attained is less than Level-2, the remedial measures will be taken in a plan way that includes, tutorials, assignments, field work, and remedial coaching.

#### 10. Planned Actions for Program Outcome Attainment: Not Applicable.

## ANNEXURE-B RESULTS OF CO-PO ATTAINMENT

Sr. No	Course Title	PSO -A	PSO -B	PSO -C	PSO -D	PSO -E	PSO -F	PSO -G	PSO -H	PSO -I
1.	B. A. III Paper No. VII विधा विशेष का अध्ययन D.S.E-E 6	3	3		3					
2.	B. A. III Paper No. VIII साहित्यशास्त्र D.S.E-E-7			3				3		3
3.	B. A. III Paper No. IX हिंदी साहित्य का इतिहास D.S.E.-E-8						3		3	
4.	B.A. III Paper No. X प्रयोजनमूलक हिंदी DSE-E-9	3	3	3	3	3	3	3	3	3
5.	B. A. III Paper No. XI भाषाविज्ञान आणि हिंदी भाषा DSE-E-10	2	3	3	3	3	3	3	3	3
6.	B. A. III Paper No. XII विधा विशेष का अध्ययन DSE.-E-131	2	2	2						
7.	B. A. III Paper No. XIII साहित्यशास्त्र D.S.E-E-132			3				3		3
8.	B. A. III Paper No. XIV हिंदी साहित्य का इतिहास D.S.E.-E-133						3		3	
9.	B.A. III Paper No. XV प्रयोजनमूलक हिंदी DSE-E-134	3	3	3	3	3	3	3	3	3
10.	B. A. III Paper No. XVI भाषाविज्ञान आणि हिंदी भाषा DSE-E-135	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Average		2.58	2.33	2.78	2.9	2.87	2.91	2.91	2.91	2.91

*(Dr. Urane M. X)*

*Dr. Ramesh Kumar Gawali*  
Associate Professor & Head  
Dept. of Hindi  
Krishna Mahavidyalaya, Rethare Bk. (Karad)

*(Principal)*  
Principal  
Krishna Mahavidyalaya, Rethare Bk.  
Tal. Karad : 415 108 (M.S)

