

**Shetkari Shikshan Prasarak Mandal's**  
**KRISHNA MAHAVIDYALAYA, RETHARE BK**  
**DEPARTMENT OF HINDI**  
**HINDI OBE PROCESS**  
**Academic Year 2017-2018**

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	√	√		√					
2.	B. A. III Paper No. VIII साहित्यशास्त्र			√				√		√
3	B. A. III Paper No. IX हिंदी साहित्य का इतिहास						√		√	
4	B. A. III Paper No. X प्रयोजनमूलक हिंदी	√	√	√	√	√	√	√	√	√
5	B. A. III Paper No. XI भाषाविज्ञान आणि हिंदी भाषा	√	√	√	√	√	√	√	√	√
6	B. A. III Paper No. XII विधा विशेष का अध्ययन	√	√	√						
7	B. A. III Paper No. XIII साहित्यशास्त्र			√				√		√
8	B. A. III Paper No. XIV हिंदी साहित्य का इतिहास						√		√	
9	B. A. III Paper No. XV प्रयोजनमूलक हिंदी	√	√	√	√	√	√	√	√	√
10	B. A. III Paper No. XVI भाषाविज्ञान आणि हिंदी भाषा	√	√	√	√	√	√	√	√	√



## 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**

*For*  
(Dr. Kuramam)  
HOD Hindi Dept

*Principal*  
**PRINCIPAL**  
KRISHNA MAHAVIDYALAYA  
RETHARE (BK.), TAL. KARAD



Paper No. -VII विधा विशेष का अध्ययन		
Average Marks in External examination:	24.8	6
% Students score more than 24.8 is =6	54.54	Level: 3
Average Marks in Internal examination	8.818	
% Students score more than 8.818 is =8	72.72	Level: 3
A(CO) - Paper VII विधा विशेष का अध्ययन		
=	80% (3) +20 (3)	
=	2.4+0.6	
=	3	

Paper No. -VIII -साहित्य शास्त्र और समालोचना		
Average Marks in External examination:	19	4
% Students score more than 19 is =4	36.36	Level: 1
Average Marks in Internal examination	9	
% Students score more than 9 is =7	63.63	Level: 3
A(CO) No. -VIII -साहित्य शास्त्र और समालोचना		
=	80% (1) +20 (3)	
=	0.8+0.6	
=	1.4	

Paper IX: हिंदी साहित्य का इतिहास		
Average Marks in External examination:	19	5
% Students score more than 19 is =5	45.45	Level: 2
Average Marks in Internal examination	9	
% Students score more than 9 is =8	72.72	Level: 3
A(CO) Paper IX: हिंदी साहित्य का इतिहास		
=	80% (2) +20 (3)	
=	1.6+0.6	
=	2.2	



Paper -X प्रयोजन मूलक हिंदी		
Average Marks in External examination:	27	5
% Students score more than 27 is =5	45.45	Level: 2
Average Marks in Internal examination	9	
% Students score more than 9 is =7	63.63	Level: 3
A(CO) Paper -X प्रयोजन मूलक हिंदी		
=	80% (2) +20 (3)	
=	1.6+0.6	
=	2.2	

Paper -XI भाषा विज्ञान और हिंदी भाषा		
Average Marks in External examination:	22	6
% Students score more than 22 is =6	54.54	Level: 3
Average Marks in Internal examination	9	
% Students score more than 9 is =8	72.72	Level: 3
A(CO) Paper -XI भाषा विज्ञान और हिंदी भाषा		
=	80% (3) +20 (3)	
=	2.4+0.6	
=	3	

Paper No. -XII विधा विशेष का अध्ययन		
Average Marks in External examination:	26	6
% Students score more than 26 is = 6	54.54	Level: 3
Average Marks in Internal examination	8	Level: 3
% Students score more than 8 is = 9	81.81	Level: 3
A(CO) Paper No. -XII विधा विशेष का अध्ययन		
=	80% (3) +20 (3)	
=	2.4+0.6	
=	3	



Paper No. XIII -साहित्य शास्त्र और समालोचना		
Average Marks in External examination:	18	5
% Students score more than 18 is=5	45.45	Level: 2
Average Marks in Internal examination	8	
% Students score more than 8 is = 10	90.9	Level: 3
A(CO) Paper No. -XIII -साहित्य शास्त्र और समालोचना		
=	80% (2) +20 (3)	
=	1.6+0.6	
=	2.2	

Paper XIV: हिंदी साहित्य का इतिहास		
Average Marks in External examination:	24	9
% Students score more than 24 is=9	81.81	Level: 3
Average Marks in Internal examination	9	
% Students score more than 9 is=7	63.63	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:	22.22	4
% Students score more than 22.22 is 4	36.36	Level: 1
Average Marks in Internal examination	9	
% Students score more than 9 is=6	54.54	Level: 3
A(CO) DSE 134 Paper -XV प्रयोजन मूलक हिंदी		
=	80% (1) +20 (3)	
=	0.8+0.6	
=	1.4	



Paper -XVI भाषा विज्ञान और हिंदी भाषा		
Average Marks in External examination:	18	4
% Students score more than 18 is =4	36.36	Level: 1
Average Marks in Internal examination	9	
% Students score more than 9 is =9	81.81	Level: 3
A(CO) Paper -XVI भाषा विज्ञान और हिंदी भाषा		
=	80% (1) +20 (3)	
=	0.8+0.6	
=	1.4	



**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 विधा विशेष का अध्ययन	2	77.27	3	Fully Attained	
B. A. III Paper No. VIII साहित्यशास्त्र	2	68.18	3	Fully Attained	
B. A. III Paper No. IX हिंदी साहित्य का इतिहास	2	72.72	3	Fully Attained	
B.A. III Paper No. X प्रयोजनमूलक हिंदी	2	72.72	3	Fully Attained	
B. A. III Paper No. XI भाषाविज्ञान आणि हिंदी भाषा	2	77.27	3	Fully Attained	
B. A. III Paper No. XII विधा विशेष का अध्ययन	2	77.27	3	Fully Attained	
B. A. III Paper No. XIII साहित्यशास्त्र	2	72.72	3	Fully Attained	
B. A. III Paper No. XIV हिंदी साहित्य का इतिहास	2	90.90	3	Fully Attained	
B.A. III Paper No. XV प्रयोजनमूलक हिंदी	2	68.18	3	Fully Attained	
B. A. III Paper No. XVI भाषाविज्ञान आणि हिंदी भाषा	2	68.18	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+2+3+3+1+1)/06 + 20% (1+3+3+3+3+3)/6 = 80% (3) + 20% (3) =





2.41 i.e. Level-5. The Target Level is Level-3.

Hence, PO is attained

$$(PSO -B) = 80\% (3+2+2+2+1+1)/06 + 20\% (3+3+3+3+3+3)/6 = 80\% (3) + 20\% (3) =$$

2.41 i.e. Level-5. The Target Level is Level-3.

$$(PSO -C) = 80\% (1+2+3+3+2+1+1)/07 + 20\% (3+3+3+3+3+3+3)/7 = 80\% (3) + 20\% (3) = 2.42$$

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

$$(PSO -D) = 80\% (3+2+3+1+1)/05 + 20\% (3+3+3+3+3)/5 = 80\% (3) + 20\% (3) = 2.05$$

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

$$(PSO -E) = 80\% (2+3+1+1)/04 + 20\% (3+3+3+3)/4 = 80\% (3) + 20\% (3) = 2.37$$

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

$$(PSO -F) = 80\% (2+2+3+3+1+1)/06 + 20\% (3+3+3+3+3+3)/6 = 80\% (3) + 20\% (3) =$$

2.05 i.e. Level-5. The Target Level is Level-3.

$$(PSO -G) = 80\% (1+2+3+2+1+1)/06 + 20\% (3+3+3+3+3+3)/6 = 80\% (3) + 20\% 6(3) =$$

2.16 i.e. Level-5. The Target Level is Level-3.

$$(PSO -H) = 80\% (2+2+3+3+1+1)/06 + 20\% (3+3+3+3+3+3)/6 = 80\% (3) + 20\% (3) =$$

2.05 i.e. Level-5. The Target Level is Level-3.

$$(PSO -I) = 80\% (1+2+3+2+1+1)/06 + 20\% (3+3+3+3+3+3)/6 = 80\% (3) + 20\% (3) =$$

2.33 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	2.41	5	Fully Attained	
PSO -B	3	2.41	5	Fully Attained	
PSO -C	3	2.42	5	Fully Attained	
PSO -D	3	2.5	5	Fully Attained	
PSO -E	3	2.37	5	Fully Attained	
PSO -F	3	2.5	5	Fully Attained	
PSO -G	3	2.16	5	Fully Attained	
PSO -H	3	2.5	5	Fully Attained	
PSO -I	3	2.33	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	2.41	2.41	2.42	2.5					
2.	B. A. III Paper No. VIII साहित्यशास्त्र							2.16		2.33
3.	B. A. III Paper No. IX हिंदी साहित्य का इतिहास						2.5		2.5	
4.	B.A. III Paper No. X प्रयोजनमूलक हिंदी	2.41	2.41	2.42	2.5	2.37	2.5	2.16	2.5	2.33
5.	B. A. III Paper No. XI भाषाविज्ञान आणि हिंदी भाषा	2.41	2.41	2.42	2.5	2.37	2.5	2.16	2.5	2.33
6.	B. A. III Paper No. XII विधा विशेष का अध्ययन	2.41	2.41	2.42						
7.	B. A. III Paper No. XIII साहित्यशास्त्र			2.42				2.16		2.33
8.	B. A. III Paper No. XIV हिंदी साहित्य का इतिहास						2.5		2.5	
9.	B.A. III Paper No. XV प्रयोजनमूलक हिंदी	2.41	2.41	2.42	2.5	2.37	2.5	2.16	2.5	2.33
10.	B. A. III Paper No. XVI भाषाविज्ञान आणि हिंदी भाषा	2.41	2.41	2.42	2.5	2.37	2.5	2.16	2.5	2.33
<b>Average</b>		2.41	2.41	2.42	2.5	2.37	2.5	2.16	2.5	2.33

For  
Dr. Kurume. M.V.  
HOD Hindi Dept



PRINCIPAL  
KRISHNA MAHAVIDYALAYA  
RETHARE (B.K.), TAL. KARAD