

An Approach to the Evaluation of Program Outcomes

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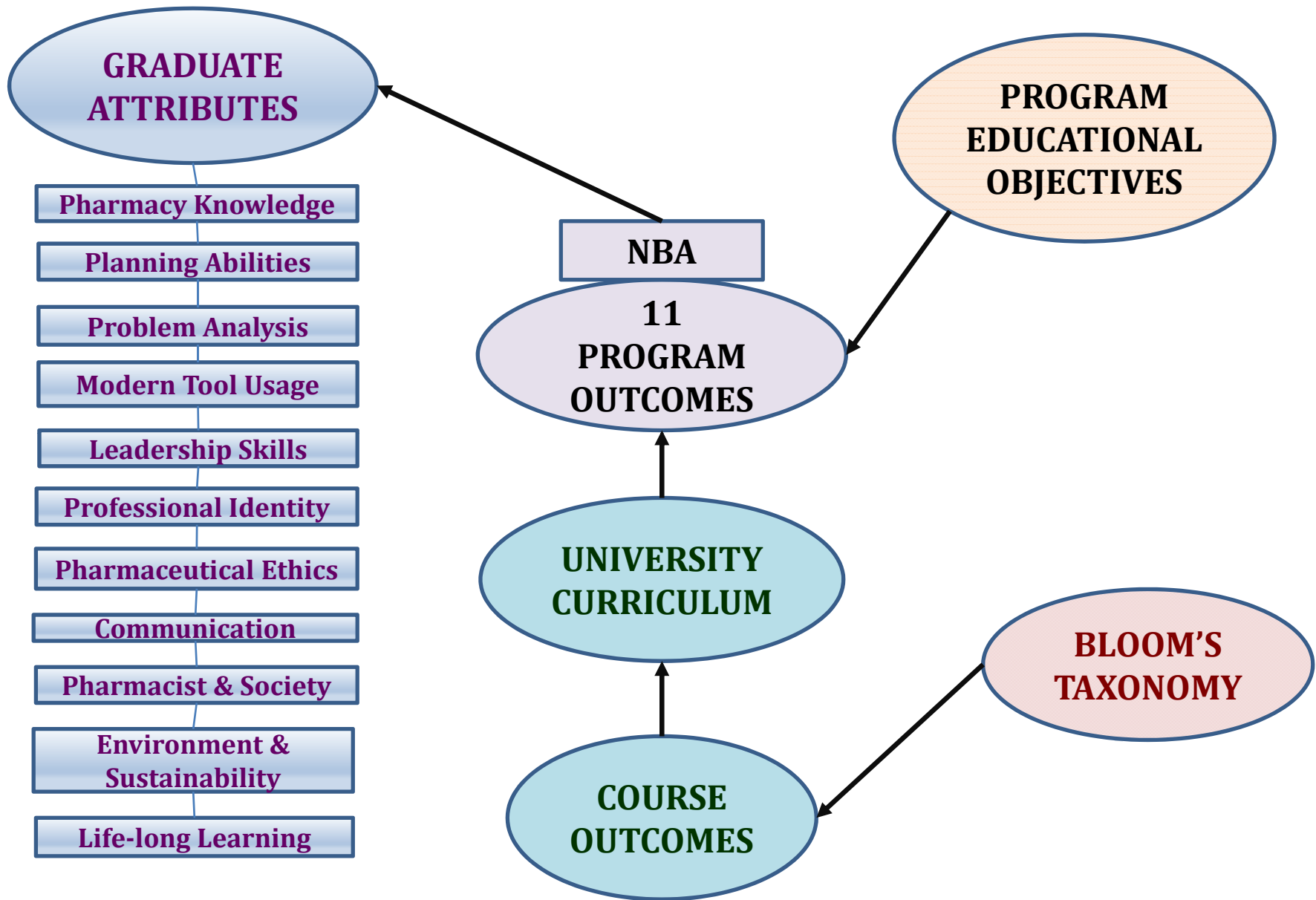
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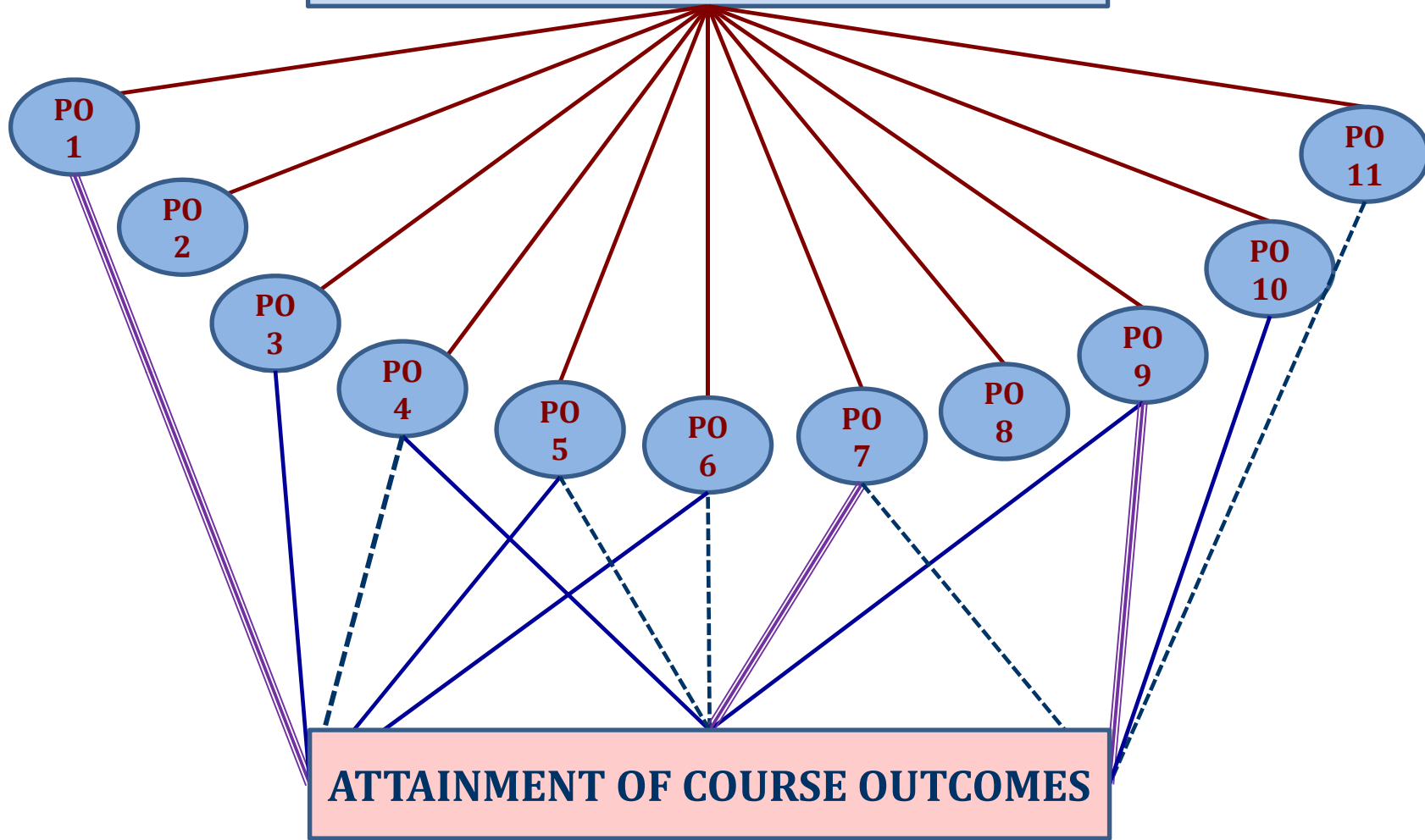
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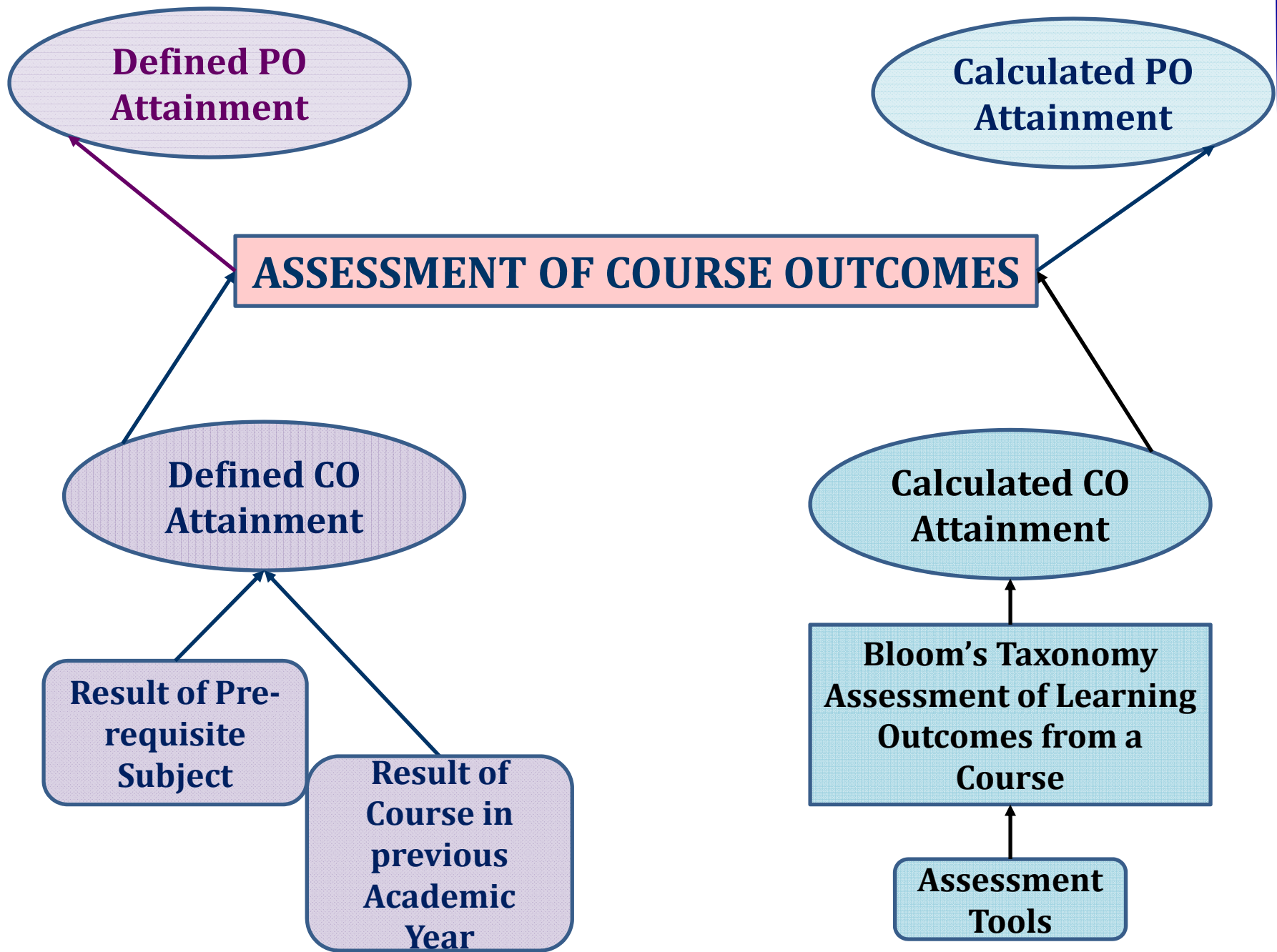
WOSA 2016



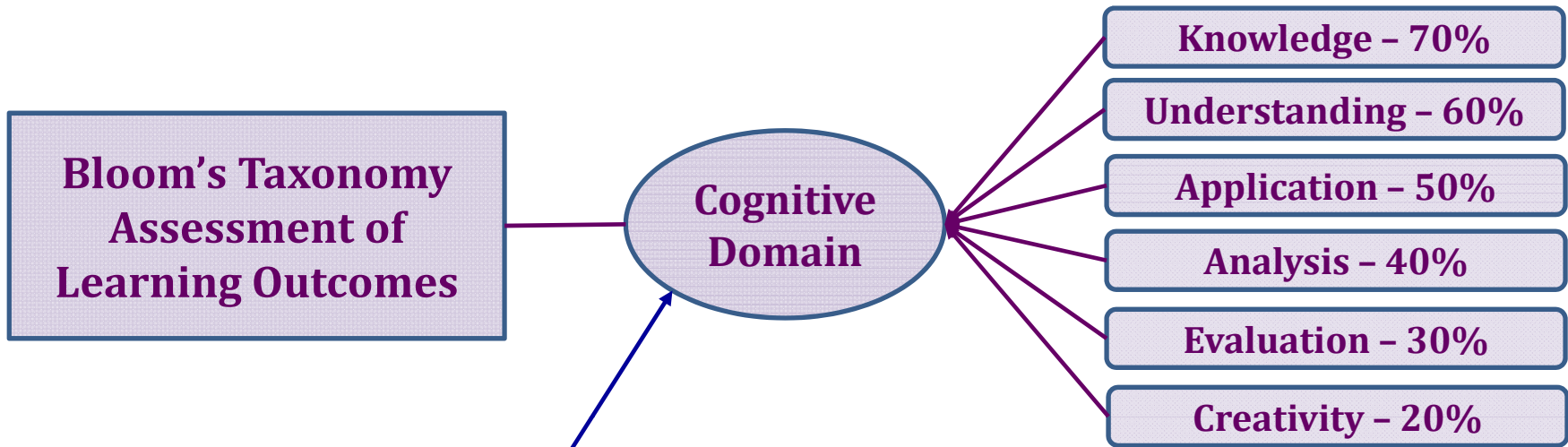
ASSESSMENT OF PROGRAM OUTCOMES



Various Courses of the Curriculum



Calculated CO Attainment



Assessment Tools

Assignments

Quiz

Internal Test

End Semester Exam

Course Exit Form

Course 01	Direct Assessment								In Direct Assessment	Total Assessment
	A	Quiz					IT	ESE		
	1	1	2	3	4	5				
CO 1	92	89.0					85.5	69.9	66.4	80.6
CO 2	89		75.0			76.6	76.6	69.9	54.3	74.3
CO 3				93.3			72.3	69.9	45.5	70.3
CO 4					89.7			69.9	70.1	76.6

Defined PO Attainment for each Course		P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011
	C01	80.54					64.43				48.32	64.43
	C02	80.54					64.43				48.32	64.43
	C03	80.54			48.32		64.43				48.32	64.43
	C04	80.54			64.43		64.43				48.32	64.43
	Course 1	80.54			56.37		64.43				48.32	64.43

Calculated PO Attainment for each Course		P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011
	C01	80.56					64.44				48.33	64.44
	C02	74.29					59.43				44.57	59.43
	C03	70.27			42.16		56.21				42.16	56.21
	C04	76.57			61.25		61.25				45.94	61.25
	Course 1	75.42			51.70		60.33				45.25	60.33

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011
Course 1	80.54			56.37		64.43				48.32	64.43
Course 2	78.89	45.2	53.54		58.75		71.23		65.62	63.21	
Course 3	79.80			60.67	73.72	56.54	68.83	54.21		54.25	56.34
Course 4	83.24		58.89	63.78	45.65		54.57		75.53	72.42	
Semester 1	80.61	45.23	56.21	60.27	59.37	60.48	64.87	54.21	70.57	59.55	60.38

Defined PO Attainment for each Semester

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011
Course 1	75.42			51.7		60.33				45.25	60.33
Course 2	73.73	41.2	52.14		51.723		74.2		61.62	62.22	
Course 3	78.19			57.63	74.72	52.84	64.23	52.21		54.33	57.13
Course 4	80.19		54.83	61.74	43.56		55.54		71.53	71.12	
Semester 1	76.88	41.20	53.49	57.02	56.67	56.59	64.66	52.21	66.58	58.23	58.73

Calculated PO Attainment for each Semester

Defined PO Attainment for Program

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011
Semester 1	80.61	45.23	56.21	60.27	59.37	60.48	64.87	54.21	70.57	59.55	60.38
Semester 2	84.58	47.56	51.45	79.94	55.24	65.45	62.32	66.23	69.23	65.62	45.25
Semester 3	83.23	53.24	59.64	78.18	50.12	62.23	64.56	56.25	82.45	56.14	70.54
Semester 4	79.94	60.28	56.25	82.45	56.14	70.12	68.87	52.23	65.54	87.27	69.89
Semester 5	78.18	55.64	75.87	59.54	58.00	79.48	79.94	51.19	72.23	48.89	75.87
Semester 6	82.45	49.54	70.14	55.64	51.24	75.24	78.18	60.16	59.54	58.00	70.14
Semester 7	89.45	62.61	78.48	66.67	49.25	71.65	82.45	62.45	55.64	51.24	74.23
Semester 8	90.19	50.50	70.12	63.62	52.63	69.23	84.24	65.62	80.18	85.25	82.14
Program	83.58	53.08	64.77	68.29	54.00	69.24	73.18	58.54	69.42	64.00	68.56

Calculated PO Attainment for Program

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011
Semester 1	76.88	40.25	51.23	56.23	54.12	51.23	61.23	52.89	65.23	54.23	56.31
Semester 2	82.35	45.54	50.21	76.25	56.23	63.23	60.23	65.23	68.75	64.23	46.23
Semester 3	79.54	51.26	55.62	75.32	49.23	60.24	61.78	55.96	81.85	54.28	69.78
Semester 4	80.25	58.23	55.13	80.25	54.14	68.21	64.59	50.89	64.23	85.67	65.23
Semester 5	74.13	52.21	74.21	57.23	55.32	76.23	79.85	50.47	70.23	46.17	74.23
Semester 6	80.26	47.26	69.25	54.15	49.13	72.13	75.23	59.55	54.23	56.32	67.25
Semester 7	85.53	60.21	76.23	65.89	47.23	70.58	80.24	61.25	52.23	50.78	70.98
Semester 8	88.25	48.15	69.25	61.78	50.27	70.96	82.35	64.98	80.09	83.23	80.37
Program	80.90	50.39	62.64	65.89	51.96	66.60	70.69	57.65	67.11	61.86	66.30

Assessment of PO Attainment for Program

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Calculated	80.90	50.39	62.64	65.89	51.96	66.60	70.69	57.65	67.11	61.86	66.30
Defined	83.58	53.08	64.77	68.29	54.00	69.24	73.18	58.54	69.42	64.00	68.56
Assessment	96.76	94.93	96.71	96.49	96.22	96.19	96.60	98.48	96.67	96.66	96.70

CONCLUSION

- **Assessment % indicates the level of achievement of Graduate Attributes**
- **Assessment is done at every stage of curriculum from each course to entire program**
- **Program Outcomes with weak contributions from curriculum content can be identified early and supplemented with 'Beyond Syllabus Activities' for better attainment**

THANK YOU

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