



Panchayat College

Bargarh, Odisha-768028, Odisha

E-mail: pcbargarh@gmail.com

ATTAINMENT OF PROGRAMME OUTCOMES AND COURSE OUTCOMES

MISSION

M1	Educate society for present and future generations with in-depth domain knowledge and consciousness for environment
M2	Develop problem-solving solving, leadership qualities with good communication skills learners.
M3	Aimed for the holistic development of the students inculcating moral and ethical values.
M4	To develop entrepreneurial skills within students and make them as responsible citizens.

PROGRAMME OUTCOME (PO)

PO-1	Critical Thinking: To take informed actions after identifying the assumptions that frame our thinking and actions
PO-2	Effective Communication: Will be able to speak, read, write and listen clearly in person and through electronic media in English and in one Indian Language.
PO-3	Social Interaction (Interpersonal Relation): Elicit views of others, mediate disagreements and prepared to work in team.
PO-4	Effective Citizenship: Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.
PO-5	Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
PO-6	Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.
PO-7	Life-Long Learning: Acquire the ability to engage in independent and life-long learning in the context of socio-technological changes



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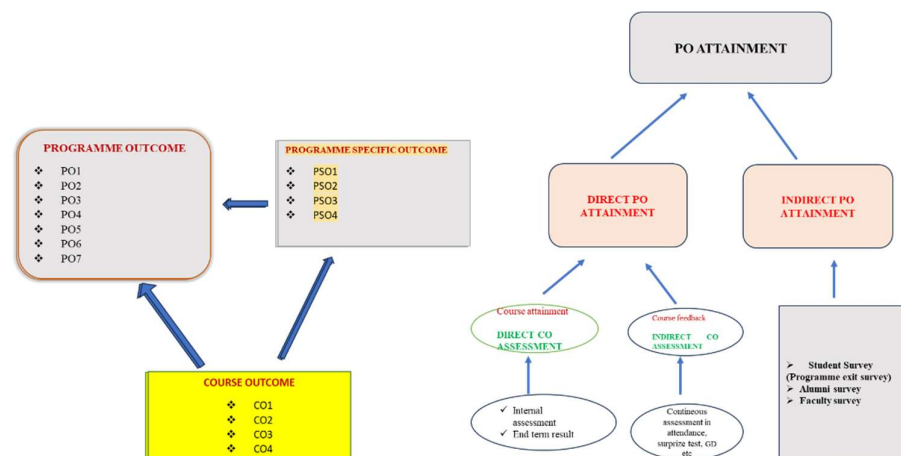
PROGRAMME SPECIFIC OUTCOME (PSO)

PSO-1	Remember and understand the nature and basic concepts of subjects within the course domain.
PSO-2	Analyze the relationships among different concepts.
PSO-3	Gains knowledge about effective communication and skills of problem-solving methods.
PSO-4	Apply the basic concepts and learned to execute them.
PSO-5	Perform procedures as laid down in the areas of study.

COURSE OUTCOME (CO)

CO-1	Remember and understand the basic concept of the paper.
CO-2	Analyze various concepts through case studies.
CO-3	Understand the concept with related theoretical and practical knowledge.
CO-4	Execute assignments and reports based on the knowledge of the paper.

CONCEPT



PROCEDURE FOR CALCULATION OF PO-CO ATTAINMENT

1. All Departments adopted OBE
2. CO level attainment started from question level
3. Pos (7nos) and Cos(4nos) defined for each programme.
4. Attainment of Pos and Cos are calculated using the standard method.



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CO ATTAINMENT

Paper: ZOOL-101: Animal Diversity(Non Chordates and Chordates)

Question	CO attainment
1	CO1, CO2
2	CO1, CO2, CO3, CO4

Distribution of Marks		
CT1	Class Test-1	5 mark
CT2	Class Test-2	5mark
HA	Home Assignment	5 mark
CS	Case Study	5mark
IA	Internal assessment	20 marks

Attainment Level	
Score	Attainment level
>70%	3 (High)
60-70%	2(Medium)
<60%	1 (low)

CO1 : Remember and understand the basic concept of the paper

CO2:Analyze various concept through case studies

	CT1	CT2	HA	CS	Total (IA)	Percentage	Attainment Level
Mark Allotted	5	5	5	5	20		
Roll No							
24S22ZO01	4.5	3.0	5.0	5.0	17.5	87.5	3
24S22ZO03	3.5	2.0	5.0	5.0	15.5	77.5	3
24S22ZO04	4.5	4.5	5.0	5.0	19.0	95.0	3
24S22ZO05	4.5	4.0	5.0	5.0	18.5	92.5	3
24S22ZO06	4.0	3.5	4.5	4.5	16.5	82.5	3
24S22ZO07	4.5	4.0	4.5	4.5	17.5	87.5	3
24S22ZO08	4.5	3.5	4.5	4.5	17.0	85.0	3
24S22ZO09	3.5	3.0	5.0	4.0	15.5	77.5	3
24S22ZO10	3.5	1.5	4.5	4.0	13.5	67.5	2
24S22ZO11	4.5	1.5	4.5	4.5	15.0	75.0	3
24S22ZO12	4.5	3.5	4.5	4.5	14.0	70.0	2
24S22ZO13	4.5	1.5	4.5	4.5	15.0	75.0	3
24S22ZO16	3.0	2.0	4.5	4.5	14.0	70.0	2
				CO1	Average		2.76

	CT1	CT2	HA	CS	Total (IA)	Percentage	Attainment Level
Mark Allotted	5	5	5	5	20		
Roll No							
24S22ZO01	3.5	4.0	4.0	4.5	16.0	80.0	3
24S22ZO03	3.5	2.5	3.5	4.0	13.5	67.5	2
24S22ZO04	4.0	3.0	4.0	3.5	14.5	72.5	3
24S22ZO05	3.5	3.0	4.0	4.5	14.0	70.0	2
24S22ZO06	4.0	4.5	4.5	4.0	17.0	85.0	3
24S22ZO07	4.0	4.0	4.5	4.0	16.5	82.5	3
24S22ZO08	4.0	3.0	4.0	4.0	15.0	75.0	3
24S22ZO09	3.5	3.5	4.0	4.0	15.0	75.0	3
24S22ZO10	3.5	2.5	4.0	4.5	14.5	72.5	3
24S22ZO11	2.5	1.5	3.5	4.0	11.5	57.5	1
24S22ZO12	4.0	3.0	4.0	3.5	14.5	72.5	3
24S22ZO13	4.0	3.5	4.0	4.0	15.5	77.5	3
24S22ZO16	3.0	2.0	4.0	3.5	12.5	62.5	2
				CO2	Average		2.61



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CO3: Understand the concept with related theoretical and practical knowledge. **CO4:** Execute assignments and reports based on the knowledge of the paper.

	CT1	CT2	HA	CS	Total (IA)	Percentage	Attainment Level
Mark Allotted	5	5	5	5	20		
Roll No							
24S22ZO01	4.0	3.5	4.0	4.0	15.5	77.5	3
24S22ZO03	3.0	3.5	3.5	3.5	13.5	67.5	2
24S22ZO04	3.5	3.0	4.5	3.5	14.5	72.5	3
24S22ZO05	4.0	3.5	4.0	4.5	13.0	65.0	2
24S22ZO06	4.5	4.0	4.5	4.0	17.0	85.0	3
24S22ZO07	4.0	4.0	4.5	4.0	16.5	82.5	3
24S22ZO08	4.0	3.0	4.5	4.0	15.5	77.5	3
24S22ZO09	4.0	3.5	4.5	4.0	16.0	80.0	3
24S22ZO10	3.0	3.5	4.0	4.5	15.0	75.0	3
24S22ZO11	3.5	2.5	3.5	4.0	13.5	67.5	2
24S22ZO12	4.0	3.5	4.0	3.0	14.5	72.5	3
24S22ZO13	3.5	4.0	4.5	3.0	15.0	75.0	3
24S22ZO16	3.5	3.0	3.5	3.5	13.5	67.5	2
					CO3	Average	2.54

	CT1	CT2	HA	CS	Total (IA)	Percentage	Attainment Level
Mark Allotted	5	5	5	5	20		
Roll No							
24S22ZO01	3.5	3.5	4.5	4.0	15.5	77.5	3
24S22ZO03	3.0	3.0	3.5	3.5	13.0	65.0	2
24S22ZO04	3.5	4.0	4.0	3.5	15.0	75.0	3
24S22ZO05	3.0	3.5	4.0	4.0	14.5	72.5	3
24S22ZO06	4.5	4.0	4.0	4.0	16.5	82.5	3
24S22ZO07	3.0	4.5	4.0	4.0	15.5	77.5	3
24S22ZO08	4.0	3.0	4.0	4.0	15.0	75.0	3
24S22ZO09	3.0	3.5	4.0	4.5	15.0	75.0	3
24S22ZO10	3.5	3.5	4.5	3.5	15.0	75.0	3
24S22ZO11	3.5	3.5	3.5	4.0	14.5	72.5	3
24S22ZO12	3.0	3.5	4.0	3.5	14.0	70.0	3
24S22ZO13	3.5	3.5	4.5	3.5	15.0	75.0	3
24S22ZO16	3.0	3.0	3.5	3.5	13.0	65.0	2
					CO4	Average	2.84

PO ATTAINMENT

CO1=2.76 **CO3=2.54**
CO2= 2.61 **CO4=2.84**

CO1	Number	%	2+3 (%)	
3	10	76.93		$\geq 70\%$
2	3	23.07		60-70%
1	0	0		$< 60\%$
Total	13	100	100	$> +60\%$

CO2	Number	%	2+3 (%)	
3	9	69.23		$\geq 70\%$
2	3	23.07		60-70%
1	1	7.69		$< 60\%$
Total	13	100	92.30	$> +60\%$

CO3	Number	%	2+3 (%)	
3	9	69.23		$\geq 70\%$
2	4	30.76		60-70%
1	0	0		$< 60\%$
Total	13	100	99.99	$> +60\%$

CO4	Number	%	2+3 (%)	
3	11	84.61		$\geq 70\%$
2	2	15.38		60-70%
1	0	0		$< 60\%$
Total	13	100	99.99	$> +60\%$

PO-CO MATRIX INDICATING PO ATTAINMENT								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	
CO1	3	3	3	-	-	2	3	
CO2	3	3	3	-	-	2	3	
CO3	3	3	3	1	1	2	3	
CO4	3	3	3	1	1	2	3	Average
Overall mapping of the subject	3	3	3	1	1	2	3	2.28
PO attainment (Overall attainment of the subject)	2.68	2.68	2.68	2.69	2.69	2.69	2.68	2.68

$$PO1 = (2.76 \times 3 + 2.61 \times 3 + 2.54 \times 3 + 2.84 \times 3) / (3 + 3 + 3 + 3)$$

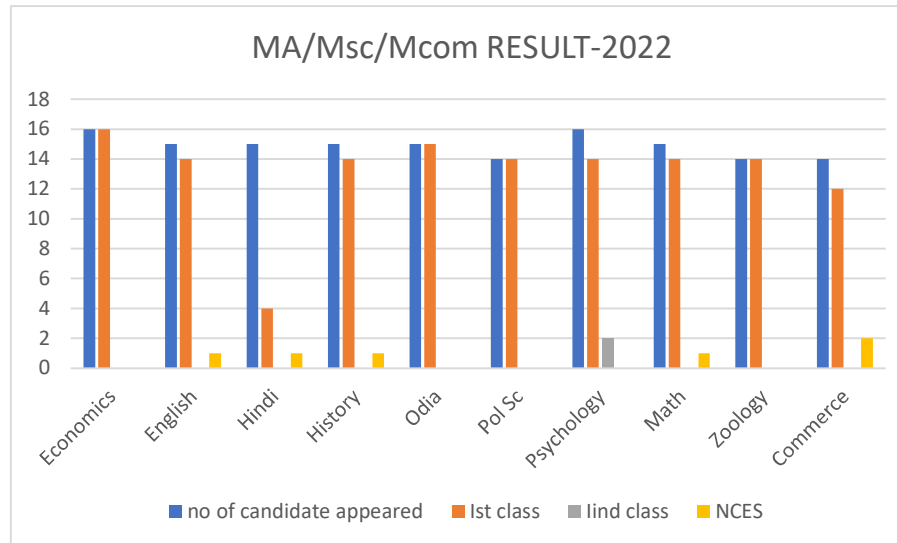
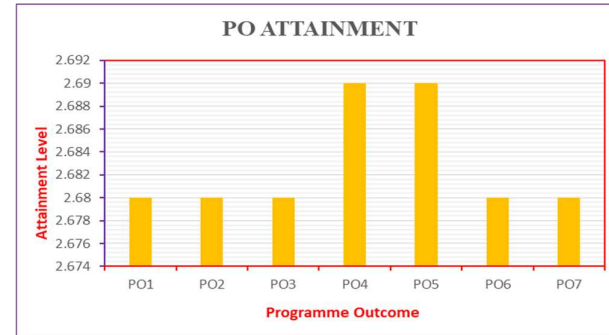
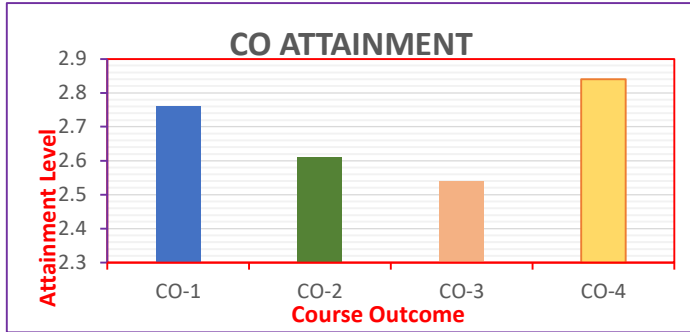
Where, 2.76, 2.61, 2.54 and 2.84 are attainment level in CO1, CO2, CO3 and CO4 for the specific course and 3, 3, 3, 3 are rubrics for CO1-PO1, CO2-PO1, CO3-PO1 and CO4-PO1 correlation. 3+3+3+3 is the sum of rubrics



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GRAPHICAL PRESENTATION OF PO -CO ATTAINMENT





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INDIRECT ATTAINMENT

STUDENT SURVEY/ALUMNI SURVEY/FACULTY SURVEY

Feedback Questions

1. The programme offered by Panchayat College, Bargarh *

Very Good

Good

Average

Poor

Very Poor

2. The credits allotted for each programme *

Very Good

Good


Average

Poor

Very Poor

2.7 Which program Outcomes (POs) you feel are the most important in real life after graduation? Your response can be (1) Below Expectation (2) Meets Expectation (3) Exceeds Expectation (Tick appropriate option-v)

	Below Expectation	Meets Expectation	Exceeds Expectation
PO1: Critical Thinking T...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO2: Effective Communi...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO3: Social Interaction (...)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO4: Entrepreneurship C...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO5: Ethics: Recognize ...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO6: Environment and S...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO7: Life-Long Learning...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>


Principal
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