



ADARSH COLLEGE

GHAILARH-JIWACHPUR-852124 (MADHEPURA)

Permanently affiliated to B.N.Mandal University, Laloo Nagar, Madhepura (Bihar)

Estd. 1985

B.Sc. (Mathematics)

Step 1	Fill "Relevance" of each subject towards a PO out of 3
Step 2	Fill # Students scoring Average Marks
Step 2	Score Level will automatically be calculated
Step 3	PO attainment scores will be automatically calculated
Step 4	PO Attainment out of 3 Automatically Calculated
Step 5	PO Attainment % Automatically Calculated

#Students above threshold	Level	Difficulty Threshold (Passing Mark)		
		Hard	Medium	Easy
80%	3	50%	60%	70%
70%	2	50%	60%	70%
60%	1	50%	60%	70%
	0	50%	60%	70%

Difficulty Level	Threshold	# Students above Threshold	Score Level on the scale of 3	Names of Subjects	Relevance (Co-relation factors on the scale of 0-3)							
					PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PSO-1	PSO-2
					Scientific Knowledge and Understanding	Critical Thinking, Problem-Solving and Interdisciplinary Integration	Quantitative and Analytical Skills	Community Engagement	Ethical and Responsible Conduct	Communication and Collaboration	Mathematical Knowledge and Problem-Solving	Mathematical Modelling and Computational Skills
M	60%	0.84	3	Mathematics-1 (Hons)Paper-1	3	1	3	3	3	1	3	2
M	60%	0.68	1	Mathematics -1 (Hons)Paper-2	3	0	0	1	1	1	0	2
M	60%	0.75	2	Mathematics-1 (Hons) (200 Marks)	3	1	3	1	3	2	3	3
H	50%	0.59	0	Physics-1(Elective)Theory	3	2	2	1	1	1	1	1
E	70%	1.00	3	Physics-1 (Elective)Practical	3	2	2	2	2	1	1	2
H	50%	0.74	2	Chemistry-1(Elective)Theory	3	2	2	2	2	1	0	2
E	70%	1.00	3	Chemistry-1 (Elective)Practical	2	2	0	1	1	1	1	2
M	60%	0.00	0	Botany-1 (Elective)Theory	1	0	2	1	3	1	2	0
E	70%	0.00	0	Botany-1 (Elective)Practical	2	2	2	2	3	2	0	1
M	60%	0.00	0	Zoology-1 (Elective)Theory	2	2	1	0	2	3	1	0
E	70%	0.00	0	Zoology-1 (Elective) Practical	1	3	3	3	3	3	3	3
M	60%	0.00	0	Geology-1 (Elective)Theory	2	2	2	2	1	0	1	1
E	70%	0.00	0	Geology-1 (Elective)Practical	1	2	3	1	2	1	3	2
H	50%	0.00	0	Statistics-1 (Elective)Theory	0	0	1	3	2	1	2	3
M	60%	0.00	0	Statistics-1 (Elective)Practical	3	3	3	3	3	3	3	3
H	50%	0.91	3	Rashtriya Bhasha Hindi -1 (Mandatory)	3	1	3	3	3	1	3	2
H	50%	1.00	3	NRB English -1 (Mandatory) Paper 01	3	0	0	1	1	1	0	2
H	50%	0.67	1	NRB English -1 (Mandatory) Paper 02	3	1	3	1	3	2	3	3
E	70%	0.60	1	Mathematics- 2 (Hons) Paper-1	3	1	3	3	3	1	3	2
E	70%	0.60	1	Mathematics- 2 (Hons) Paper-2	3	0	0	1	1	1	0	2
E	70%	0.59	0	Mathematics- 2 (Hons) (200 Marks)	3	1	3	1	3	2	3	3
H	50%	0.90	3	Physics- 2 (Elective) Theory	3	2	2	1	1	1	1	1
E	70%	1.00	3	Physics- 2 (Elective) Practical	3	2	2	2	2	1	1	2
H	50%	0.91	3	Chemistry- 2 (Elective) Theory	3	2	2	2	2	1	0	2
M	60%	1.00	3	Chemistry- 2 (Elective) Practical	2	2	0	1	1	1	1	2
M	60%	0.00	0	Botany- 2 (Elective) Theoeoy	1	0	2	1	3	1	2	0
M	60%	0.00	0	Botany- 2 (Elective) Practical	2	2	2	2	3	2	0	1
M	60%	0.00	0	Zoology- 2 (Elective) Theory	2	2	1	0	2	3	1	0
M	60%	0.00	0	Zoology- 2 (Elective)Practical	1	3	3	3	3	3	3	3
M	60%	0.00	0	Geology- 2 (Elective) Theory	2	2	2	2	1	0	1	1
M	60%	0.00	0	Geology- 2 (Elective) Practical	1	2	3	1	2	1	3	2



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M	60%	0.00	0	Statistics- 2 (Elective) Theory	0	0	1	3	2	1	2	3
M	60%	0.00	0	Statistics- 2 (Elective) Practical	3	3	3	3	3	3	3	3
H	50%	1.00	3	Rashtriya Bhasha Hindi - 2 (Mandatory)	3	1	3	3	3	1	3	2
H	50%	0.67	1	NRB English-2 (Mandatory) Paper 1	3	0	0	1	1	1	0	2
H	50%	1.00	3	NRB English -2 (Mandatory) Paper 2	3	1	3	1	3	2	3	3
M	60%	0.76	2	Mathematics -3 (Hons) Paper- V th	1	2	2	1	1	2	3	2
M	60%	0.94	3	Mathematics -3 (Hons) Paper-Vi th	1	3	2	1	3	2	3	0
E	70%	0.56	0	Mathematics -3 (Hons) Paper-VII th	2	2	2	2	3	2	3	1
E	70%	0.91	3	Mathematics-3 (Hons) Paper-VIII	2	2	1	0	2	2	3	0
M	60%	0.91	3	General Environmental Studies	1	3	3	3	3	3	3	3
Sum of Co-relation factors					89	64	80	69	90	63	75	74
PO Attainment					PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PSO-1	PSO-2
Mathematics-1 (Hons)Paper-1					2.5	0.8	2.5	2.5	2.5	0.8	2.5	1.7
Mathematics -1 (Hons)Paper-2					2.0	0.0	0.0	0.7	0.7	0.7	0.0	1.4
Mathematics-1 (Hons) (200 Marks)					2.3	0.8	2.3	0.8	2.3	1.5	2.3	2.3
Physics-1(Elective)Theory					1.8	1.2	1.2	0.6	0.6	0.6	0.6	0.6
Physics-1 (Elective)Practical					3.0	2.0	2.0	2.0	2.0	1.0	1.0	2.0
Chemistry-1(Elective)Theory					2.2	1.5	1.5	1.5	1.5	0.7	0.0	1.5
Chemistry-1 (Elective)Practical					2.0	2.0	0.0	1.0	1.0	1.0	1.0	2.0
Botany-1 (Elective)Theory					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Botany-1 (Elective)Practical					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zoology-1 (Elective)Theory					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zoology-1 (Elective) Practical					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Geology-1 (Elective)Theory					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Geology-1 (Elective)Practical					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Statistics-1 (Elective)Theory					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Statistics-1 (Elective)Practical					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rashtriya Bhasha Hindi -1 (Mandatory)					2.7	0.9	2.7	2.7	2.7	0.9	2.7	1.8
NRB English -1 (Mandatory) Paper 01					3.0	0.0	0.0	1.0	1.0	1.0	0.0	2.0
NRB English -1 (Mandatory) Paper 02					2.0	0.7	2.0	0.7	2.0	1.3	2.0	2.0
Mathematics- 2 (Hons) Paper-1					1.8	0.6	1.8	1.8	1.8	0.6	1.8	1.2
Mathematics- 2 (Hons) Paper-2					1.8	0.0	0.0	0.6	0.6	0.6	0.0	1.2
Mathematics- 2 (Hons) (200 Marks)					1.8	0.6	1.8	0.6	1.8	1.2	1.8	1.8
Physics- 2 (Elective) Theory					2.7	1.8	1.8	0.9	0.9	0.9	0.9	0.9
Physics- 2 (Elective) Practical					3.0	2.0	2.0	2.0	2.0	1.0	1.0	2.0
Chemistry- 2 (Elective) Theory					2.7	1.8	1.8	1.8	1.8	0.9	0.0	1.8
Chemistry- 2 (Elective) Practical					2.0	2.0	0.0	1.0	1.0	1.0	1.0	2.0
Botany- 2 (Elective) Theoey					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Botany- 2 (Elective) Practical					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zoology- 2 (Elective) Theory					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zoology- 2 (Elective)Practical					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Geology- 2 (Elective) Theory					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Geology- 2 (Elective) Practical					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Statistics- 2 (Elective) Theory					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Statistics- 2 (Elective) Practical					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rashtriya Bhasha Hindi - 2 (Mandatory)					3.0	1.0	3.0	3.0	3.0	1.0	3.0	2.0



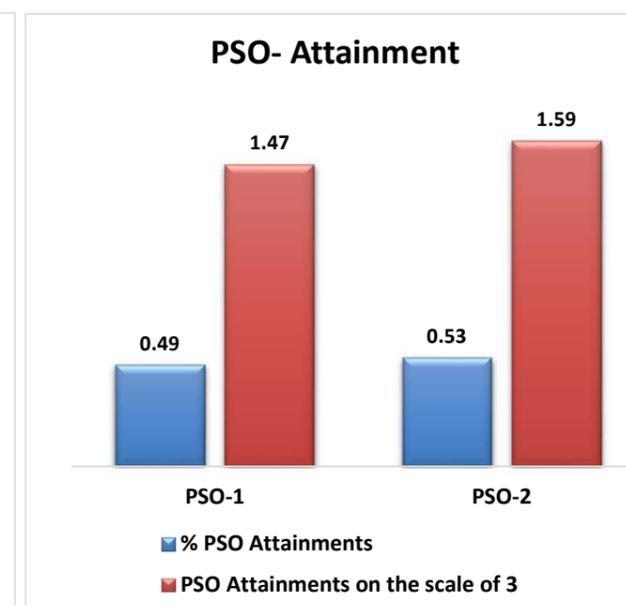
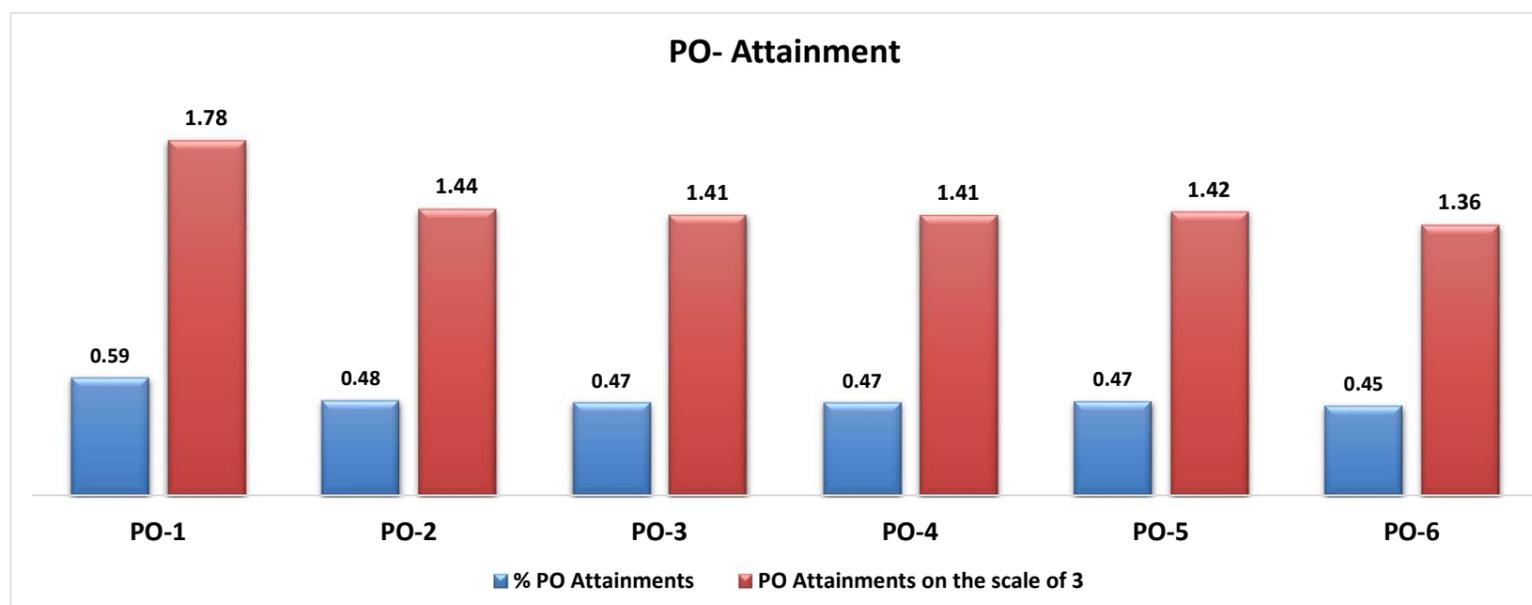
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NRB English-2 (Mandatory) Paper 1	2.0	0.0	0.0	0.7	0.7	0.7	0.0	1.3
NRB English -2 (Mandatory) Paper 2	3.0	1.0	3.0	1.0	3.0	2.0	3.0	3.0
Mathematics -3 (Hons) Paper- V th	0.8	1.5	1.5	0.8	0.8	1.5	2.3	1.5
Mathematics -3 (Hons) Paper-Vi th	0.9	2.8	1.9	0.9	2.8	1.9	2.8	0.0
Mathematics -3 (Hons) Paper-VII th	1.1	1.1	1.1	1.1	1.7	1.1	1.7	0.6
Mathematics-3 (Hons) Paper-VIII	1.8	1.8	0.9	0.0	1.8	1.8	2.7	0.0
General Environmental Studies	0.9	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Sum of multiplication of Co-relation factors and % course attainments	52.9	30.7	37.5	32.3	42.6	28.5	36.8	39.2
% PO and PSO attainments	59.41%	47.89%	46.89%	46.87%	47.36%	45.29%	49.10%	53.01%
PO and PSO attainments on the scale of 3	1.8	1.4	1.4	1.4	1.4	1.4	1.5	1.6



PO Attainment	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6
% PO Attainments	59.41%	47.89%	46.89%	46.87%	47.36%	45.29%
PO Attainments on the scale of 3	1.8	1.4	1.4	1.4	1.4	1.4
PSO Attainment	PSO-1	PSO-2				
% PSO Attainments	49.10%	53.01%				
PSO Attainments on the scale of 3	1.5	1.6				



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B.Sc. (Mathematics)

Step 1	Fill "Relevance" of each survey attribute towards a PO/SO on the scale of 3	In direct Assessment sheet for POs/PSOs (Graduate exit Survey)
Step 2	Fill Average response of question in survey format on the scale of 0-5	
Step 2	Score Level will automatically be calculated	
Step 3	PO/PSO attainment scores will be automatically calculated	
Step 4	PO/PSO Attainment out of 3 Automatically Calculated	
Step 5	PO/PSO Attainment Automatically Calculated w.r.t. weightage	

Average response of question on the scale of 5 (xi)	Question No.	Graduate exit Survey Questions Attributes	Relevance of survey question with POs/PSOs (On the scale of 0-3) (wi)							
			PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PSO-1	PSO-2
			Scientific Knowledge and Understanding	Critical Thinking, Problem-Solving and Interdisciplinary Integration	Quantitative and Analytical Skills	Community Engagement	Ethical and Responsible Conduct	Communication and Collaboration	Mathematical Knowledge and Problem Solving	Mathematical Modelling and Computational Skills
4.2	1	1.Knowledge Application To what extent did the program enhance your ability to apply theoretical knowledge to practical situations?	3	2	3	3	2	2	3	2
4.5	2	2.Critical Thinking Skills How well did the program develop your critical thinking and problem-solving skills?	3	2	2	1	1	1	2	2
3.2	3	3.Communication Proficiency How would you rate your improvement in written and oral communication skills as a result of the program?	3	2	3	1	2	3	3	3
4.1	4	4.Collaboration and Teamwork How effectively did the program prepare you to work collaboratively in teams?	3	2	2	1	2	1	2	2
3.5	5	5.Ethical Understanding How well did the program address ethical considerations in your field of study?	1	1	2	2	2	3	1	2
2.5	6	6.Career Readiness How confident do you feel about your readiness to enter the workforce or pursue further education after completing the program?	3	2	2	2	2	1	2	2
			16	11	14	10	11	11	13	13

PO/PSO Attainment (In direct)										
			12.6	8.4	12.6	12.6	8.4	8.4	12.6	8.4
			13.5	9	9	4.5	4.5	4.5	9	9
			9.6	6.4	9.6	3.2	6.4	9.6	9.6	9.6
			12.3	8.2	8.2	4.1	8.2	4.1	8.2	8.2
			3.5	3.5	7	7	7	10.5	3.5	7
			7.5	5	5	5	5	2.5	5	5
		SUM	59.0	40.5	51.4	36.4	39.5	39.6	47.9	47.2
		PO Attainment on the scale of 5	3.69	3.68	3.67	3.64	3.59	3.60	3.68	3.63
		PO Attainment out of 3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
		In Ditect Attainment (5% Weightage)	0.111	0.110	0.110	0.109	0.108	0.108	0.111	0.109



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B.Sc. (Mathematics)

Step 1	Fill "Relevance" of each survey attribute towards a PO/SO on the scale of 3	In direct Assessment sheet for POs/PSOs (Alumni Survey)
Step 2	Fill Average response of question in survey format on the scale of 0-5	
Step 2	Score Level will automatically be calculated	
Step 3	PO/PSO attainment scores will be automatically calculated	
Step 4	PO/PSO Attainment out of 3 Automatically Calculated	
Step 5	PO/PSO Attainment Automatically Calculated w.r.t. weightage	

Average response of question on the scale of 5 (xi)	Question No.	Alumni Survey Questions Attributes	Relevance of survey question with POs/PSOs (On the scale of 0-3) (wi)							
			PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PSO-1	PSO-2
			Scientific Knowledge and Understanding	Critical Thinking, Problem-Solving and Interdisciplinary Integration	Quantitative and Analytical Skills	Community Engagement	Ethical and Responsible Conduct	Communication and Collaboration	Mathematical Knowledge and Problem-Solving	Mathematical Modelling and Computational Skills
4.2	1	1.Job Readiness How well did the program prepare you for your current job or further studies?	3	2	3	3	2	2	3	2
3.8	2	2.Skill Utilization To what extent are you able to apply the skills and knowledge gained from the program in your current role?	3	2	2	1	1	1	2	2
3.2	3	3.Life-long Learning How effectively did the program instill a commitment to lifelong learning and professional development?	3	2	3	1	2	3	3	3
4.1	4	4.Networking Opportunities How beneficial were the networking opportunities provided during the program for your career advancement?	3	2	2	1	2	1	2	2
3.5	5	5.Ethical and Professional Standards How well did the program prepare you to understand and apply ethical and professional standards in your field?	3	2	2	2	3	3	3	2
2.5	6	6.Overall Program Impact Overall, how would you rate the impact of the program on your career and personal growth since graduation?	3	2	2	2	2	1	2	2
			18	12	14	10	12	11	15	13

PO/PSO Attainment (In direct)									
		12.6	8.4	12.6	12.6	8.4	8.4	12.6	8.4
		11.4	7.6	7.6	3.8	3.8	3.8	7.6	7.6
		9.6	6.4	9.6	3.2	6.4	9.6	9.6	9.6
		12.3	8.2	8.2	4.1	8.2	4.1	8.2	8.2
		10.5	7	7	7	10.5	10.5	10.5	7
		7.5	5	5	5	5	2.5	5	5
	SUM	63.9	42.6	50.0	35.7	42.3	38.9	53.5	45.8
	PO Attainment on the scale of 5	3.55	3.55	3.57	3.57	3.53	3.54	3.57	3.52
	PO Attainment out of 3	2.1							
	In Ditect Attainment (5% Weightage)	0.107	0.107	0.107	0.107	0.106	0.106	0.107	0.106



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In direct Assessment sheet for POs/PSOs (Local Society Survey)

Step 1		Fill "Relevance" of each survey attribute towards a PO/SO on the scale of 3								
Step 2		Fill Average response of question in survey format on the scale of 0-5								
Step 2		Score Level will automatically be calculated								
Step 3		PO/PSO attainment scores will be automatically calculated								
Step 4		PO/PSO Attainment out of 3 Automatically Calculated								
Step 5		PO/PSO Attainment Automatically Calculated w.r.t. weightage								
Average response of question on the scale of 5 (xi)	Question No.	Local Society Survey Questions Attributes	Relevance of survey question with POs/PSOs (On the scale of 0-3) (wi)							
			PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PSO-1	PSO-2
			Scientific Knowledge and Understanding	Critical Thinking, Problem-Solving and Interdisciplinary Integration	Quantitative and Analytical Skills	Community Engagement	Ethical and Responsible Conduct	Communication and Collaboration	Mathematical Knowledge and Problem-Solving	Mathematical Modelling and Computational Skills
4.2	1	1.Community Impact How would you rate the overall impact of graduates from the program on the local community?	3	2	3	3	2	2	3	2
3.8	2	2.Skill Contribution To what extent do you believe graduates apply their skills to benefit local businesses and organizations?	3	2	2	1	1	1	2	2
4.2	3	3.Social Responsibility How well do you think the program encourages graduates to engage in community service or social responsibility initiatives?	3	2	3	1	2	3	3	3
4.1	4	4.Local Workforce Development How effectively do you believe the program contributes to the development of a skilled workforce in the area?	3	2	2	1	2	1	2	2
3.5	5	5.Collaboration with Community How would you evaluate the program's efforts to collaborate with local organizations and businesses?	3	2	2	2	3	3	3	2
2.5	6	6.Future Community Leaders How confident are you that graduates from the program will become future leaders in the community?	3	2	2	2	2	1	2	2
			18	12	14	10	12	11	15	13
			PO/PSO Attainment (In direct)							
			12.6	8.4	12.6	12.6	8.4	8.4	12.6	8.4
			11.4	7.6	7.6	3.8	3.8	3.8	7.6	7.6
			12.6	8.4	12.6	4.2	8.4	12.6	12.6	12.6
			12.3	8.2	8.2	4.1	8.2	4.1	8.2	8.2
			10.5	7	7	7	10.5	10.5	10.5	7
			7.5	5	5	5	5	2.5	5	5
SUM			66.9	44.6	53.0	36.7	44.3	41.9	56.5	48.8
PO Attainment on the scale of 5			3.72	3.72	3.79	3.67	3.69	3.81	3.77	3.75
PO Attainment out of 3			2.2	2.2	2.3	2.2	2.2	2.3	2.3	2.3
In Ditect Attainment (5% Weightage)			0.112	0.112	0.114	0.110	0.111	0.114	0.113	0.113



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Step 1	Fill "Relevance" of each survey attribute towards a PO/SO on the scale of 3	In direct Assessment sheet for POs/PSOs (Parents Survey)
Step 2	Fill Average response of question in survey format on the scale of 0-5	
Step 2	Score Level will automatically be calculated	
Step 3	PO/PSO attainment scores will be automatically calculated	
Step 4	PO/PSO Attainment out of 3 Automatically Calculated	
Step 5	PO/PSO Attainment Automatically Calculated w.r.t. weightage	

Average response of question on the scale of 5 (xi)	Question No.	Parents Survey Questions Attributes	Relevance of survey question with POs/PSOs (On the scale of 0-3) (wi)							
			PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PSO-1	PSO-2
			Scientific Knowledge and Understanding	Critical Thinking, Problem-Solving and Interdisciplinary Integration	Quantitative and Analytical Skills	Community Engagement	Ethical and Responsible Conduct	Communication and Collaboration	Mathematical Knowledge and Problem Solving	Mathematical Modelling and Computational Skills
4.2	1	1. Overall Satisfaction How satisfied are you with the education and training your child received from the program?	3	2	3	3	2	2	3	2
3.8	2	2. Skill Development To what extent do you believe the program helped your child develop essential skills for their future career?	3	2	2	1	1	1	2	2
3.2	3	3. Career Preparedness How well do you think the program prepared your child for their career or further education?	3	2	3	1	2	2	3	3
4.1	4	4. Support and Guidance How would you rate the support and guidance provided to students throughout the program?	3	2	2	1	2	1	2	2
4.2	5	5. Communication Skills How well do you believe the program helped your child improve their communication skills?	1	1	2	2	2	3	1	2
2.5	6	6. Future Success How confident are you in your child's ability to succeed in their chosen field as a result of the program?	3	2	2	2	2	1	2	2
			16	11	14	10	11	10	13	13
			PO/PSO Attainment (In direct)							
			12.6	8.4	12.6	12.6	8.4	8.4	12.6	8.4
			11.4	7.6	7.6	3.8	3.8	3.8	7.6	7.6
			9.6	6.4	9.6	3.2	6.4	6.4	9.6	9.6
			12.3	8.2	8.2	4.1	8.2	4.1	8.2	8.2
			4.2	4.2	8.4	8.4	8.4	12.6	4.2	8.4
			7.5	5	5	5	5	2.5	5	5
		SUM	57.6	39.8	51.4	37.1	40.2	37.8	47.2	47.2
		PO Attainment on the scale of 5	3.60	3.62	3.67	3.71	3.65	3.78	3.63	3.63
		PO Attainment out of 3	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2
		In Ditect Attainment (5% Weightage)	0.108	0.109	0.110	0.111	0.110	0.113	0.109	0.109



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Estd. 1985

B.Sc. (Mathematics)

Overall Indirect Assessment of POs/PSOs

Sr. No	Survey Type	Weightage	PO/PSO attainment (In Direct Assessment)							
			PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PSO-1	PSO-2
			Scientific Knowledge and Understanding	Critical Thinking, Problem-Solving and Interdisciplinary Integration	Quantitative and Analytical Skills	Community Engagement	Ethical and Responsible Conduct	Communication and Collaboration	Mathematical Knowledge and Problem-Solving	Mathematical Modelling and Computational Skills
1	Graduate Exit Survey	5%	0.117	0.110	0.110	0.109	0.108	0.108	0.111	0.109
2	Alumni Survey	5%	0.107	0.107	0.107	0.107	0.106	0.106	0.107	0.106
3	Local Society Survey	5%	0.112	0.112	0.114	0.110	0.111	0.114	0.113	0.113
4	Parents Survey	5%	0.108	0.109	0.110	0.111	0.110	0.113	0.109	0.109
Total (In direct Assessment)		20%	0.443	0.437	0.441	0.438	0.434	0.442	0.439	0.436



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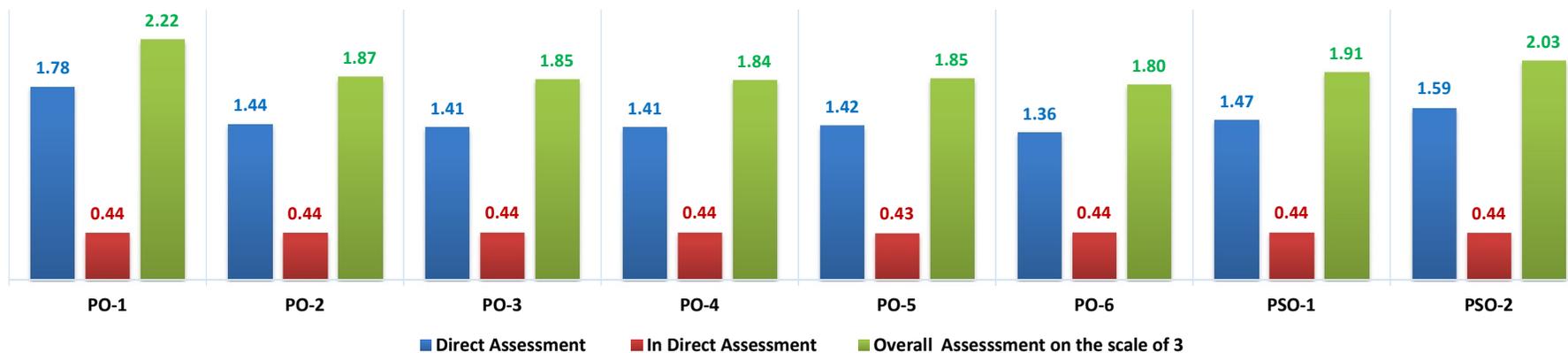
Estd. 1985

Overall Assessment of POs/PSOs

B.Sc. (Mathematics)

Sr. No	Assessment type	Weightage	PO/PSO attainment (In Direct Assessment)							
			PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PSO-1	PSO-2
			Scientific Knowledge and Understanding	Critical Thinking, Problem-Solving and Interdisciplinary Integration	Quantitative and Analytical Skills	Community Engagement	Ethical and Responsible Conduct	Communication and Collaboration	Mathematical Knowledge and Problem-Solving	Mathematical Modelling and Computational Skills
1	Direct Assessment	80%	1.78	1.44	1.41	1.41	1.42	1.36	1.47	1.59
2	In Direct Assessment	20%	0.44	0.44	0.44	0.44	0.43	0.44	0.44	0.44
Overall Assessment on the scale of 3		100%	2.22	1.87	1.85	1.84	1.85	1.80	1.91	2.03

Overall Assessment of POs/PSOs



Assessment type	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PSO-1	PSO-2
Direct Assessment	1.78	1.44	1.41	1.41	1.42	1.36	1.47	1.59
In Direct Assessment	0.44	0.44	0.44	0.44	0.43	0.44	0.44	0.44
Overall Assessment on the scale of 3	2.22	1.87	1.85	1.84	1.85	1.80	1.91	2.03