



**Dada Ramchand Bakhru
Sindhu Mahavidyalaya
Nagpur**

*Key Indicator 2.6
Student Performance and Learning Outcome*

Criteria 2 Teaching-Learning and Evaluation

NAAC Reaccredited



B+ Grade
(3rd cycle)

Affiliation



**Rashtrasant Tukadoji
Maharaj Nagpur University**

National ID



AISHE
All India Survey on Higher Education

<https://www.drbsmvnagpur.ac.in>



**Dada Ramchand Bakhru
Sindhu Mahavidyalaya
Nagpur**

2.6.2 Attainment of POs and COs are evaluated

Criteria 2 Teaching-Learning and Evaluation

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B+ Grade
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Dada Ramchand Bakhru Sindhu Mahavidyalaya Nagpur

Declaration

This is to declare that the information, reports, true copies and numerical data, etc. furnished in this file as supporting documents are verified and found correct.




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Dada Ramchand Bakhru
Sindhu Mahavidyalaya, Nagpur-17

NAAC Reaccredited



B+ Grade
(3rd cycle)

Affiliation



Rashtrasant Tukadoji
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National ID



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Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur



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Evaluation of POs and COs Attainment

PG Department of Mathematics

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur										
M.Sc.										
Session - 2022 - 23										
Course Outcome Attainment Sheet										
Semester - IV		Name of Course - Dynamical Systems								
Subject - Mathematics		Paper - I								
		Internal Exam (X)					Terminal Exam (Z)	Direct Attainment(T)=	Final CO Attainment (FCO)	
Program me (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)			
M.Sc Mathematics	CO1	33.3333				33.3333	33.3333	33.33	33.33	
	CO2		38.0952			38.0952	38.0952	38.10	38.1	
	CO3			23.8095		23.8095	28.5714	52.38	52.38	
	CO4				33.3333	33.3333	33.3333	33.33	33.33	

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur										
M.Sc.										
Session - 2022 - 23										
Course Outcome Attainment Sheet										
Semester - IV		Name of Course - Partial Differential Equations								
Subject - Mathematics		Paper - II								
		Internal Exam (X)					Terminal Exam (Z)	Direct Attainment(T)=	Final CO Attainment (FCO)	
Program me (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)			
M.Sc Mathematics	CO1	28.5714				28.5714	33.3333	30.95	30.95	
	CO2		42.8571			42.8571	28.5714	35.71	35.71	
	CO3			33.3333		33.3333	38.0952	52.38	52.38	
	CO4				38.0952	38.0952	23.8095	33.33	33.33	




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Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
M.Sc.									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - IV			Name of Course - Advanced Numerical Methods						
Subject - Mathematics			Paper - III						
Program me (Branch)		Internal Exam (X)					Terminal Exam (Z)	Direct Attainment(T)=	Final CO Attainment (FCO)
		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
M.Sc Mathematics	CO1	33.3333				33.3333	28.5714	30.95	30.95
	CO2		38.0952			38.0952	33.3333	35.71	35.71
	CO3			38.0952		38.0952	19.0476	52.38	52.38
	CO4				28.5714	28.5714	9.5281	33.33	33.33

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
M.Sc.									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - IV			Name of Course - Cosmology						
Subject - Mathematics			Paper - IV						
Program me (Branch)		Internal Exam (X)					Terminal Exam (Z)	Direct Attainment(T)=	Final CO Attainment (FCO)
		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
M.Sc Mathematics	CO1	33.3333				33.3333	33.3333	33.33	33.33
	CO2		38.0952			38.0952	42.8571	40.48	40.48
	CO3			23.8095		23.8095	14.2857	52.38	52.38
	CO4				33.3333	33.3333	33.3333	33.33	33.33




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UG Department of Mathematics

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
B.Sc.									
Session 2022 - 23									
Course Outcome Attainment Sheet									
Semester - VI					Name of Course - Special Theory of Relativity				
Subject - Mathematics					Paper - II				
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment (T) = (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
B.Sc (PCM/PEM/CS)	CO1	38.4058				38.4058	52.174	45.29	45.29
	CO2		34.7826			34.7826	56.522	45.65	45.65
	CO3			34.058		34.058	52.899	43.48	43.48
	CO4				35.5072	35.5072	50.725	43.12	43.12

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
B.Sc.									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - VI					Name of Course - Linear Algebra				
Subject - Mathematics					Paper - I				
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment (T) = (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
B.Sc (PCM/PEM/CS)	CO1	41.3043				41.3043	55.7971	48.55	48.55
	CO2		40.577			40.577	53.6232	47.10	47.1
	CO3			39.1304		39.1304	52.1739	45.65	45.65
	CO4				37.6812	37.6812	51.4493	44.57	44.57



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Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
B.Sc.									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - IV					Name of Course - Real Analysis				
Subject - Mathematics					Paper - I				
Programme (Branch)		Internal Exam (X)				Total Internal Exam (X)	Terminal Exam after End of Sem (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)
		UT1	UT2	UT3	UT4				
B.Sc (PCM/PEM/PCoM/ ECom)	CO1	36.5385				36.5385	50.962	43.75	43.75
	CO2		33.6538			33.6538	52.885	43.27	43.27
	CO3			31.7308		31.7308	49.038	40.38	40.38
	CO4				32.6923	32.6923	51.923	42.31	42.31

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
B.Sc.									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - IV					Name of Course - Mathematical Methods				
Subject - Mathematics					Paper - II				
Programme (Branch)		Internal Exam (X)				Total Internal Exam (X)	Terminal Exam after End of Sem (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)
		UT1	UT2	UT3	UT4				
B.Sc (PCM/PEM/PCoM/ ECom)	CO1	39.4231				39.4231	54.808	47.12	47.12
	CO2		38.4615			38.4615	53.846	46.15	46.15
	CO3			35.5769		35.5769	50.962	43.27	43.27
	CO4				36.5385	36.5385	51.923	44.23	44.23



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PG Department of Zoology

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur										
Session - 2022 - 23										
Course Outcome Attainment Sheet										
Semester - IV		Name of Course - Biotechniques, Biostatistics, Ethology, Toxicology and Bioinformatics								
Subject - Zoology		Paper - 4T1								
		Internal Exam (X)					Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)			
M.Sc (Zoology)	CO1	91.6667				91.6667	54.1667	72.92	33.59	
	CO2		79.1667			79.1667	45.8333	62.50	40.77	
	CO3			58.3333		58.3333	45.8333	52.08	28.72	
	CO4				87.5	87.5	37.5	62.50	29.74	

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur										
B.Sc.										
Session - 2022 - 23										
Course Outcome Attainment Sheet										
Semester - IV		Name of Course - Animal Physiology-II Physiology of Respiration and Reproduction								
Subject - Zoology		Paper - 4T3								
		Internal Exam (X)					Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)			
M.Sc (Zoology)	CO1	13.3333				13.3333	53.846	33.59	33.59	
	CO2		20			20	61.538	40.77	40.77	
	CO3			26.667		26.667	30.769	28.72	28.72	
	CO4				13.333	13.333	46.154	29.74	29.74	



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UG Department of Zoology

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
B.Sc.									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester -VI					Name of Course - B. Sc. Zoology				
Subject - Zoology					Paper - I				
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
B.Sc (ZOOLOGY)	CO1	75.268817				75.2688172	40.86021505	58.06	58.06
	CO2		80.898876			80.8988764	65.16853933	73.03	73.03
	CO3			78.823529		78.82352941	68.23529412	73.53	73.53
	CO4				75.2941	75.29411765	55.95238095	65.62	65.62




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PG Department of Chemistry

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
M.Sc. ☉									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - IV					Name of Course - Spectroscopy				
Subject - Chemistry					Paper - IV				
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
M.Sc chemistry	CO1	26.5217				26.5217	47.8261	37.17	37.17
	CO2		60.8696			60.8696	39.1304	50.00	50
	CO3			52.1739		52.1739	30.4348	41.30	41.3
	CO4				60.8696	60.8696	17.3913	39.13	39.13

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur												
M.Sc.												
Session - 2022 - 23												
Course Outcome Attainment Sheet												
Semester - IV					Name of Course - Organic Chemistry							
Subject - Chemistry					Paper - I							
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)				
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)					
M.Sc Chemistry	CO1	52.1739				52.1739	43.4783	47.83			47.83	
	CO2		56.5217			56.5217	34.7826	45.65			45.65	
	CO3			82.6087		82.6087	30.4348	56.52			56.52	
	CO4				20.087	20.087	17.3913	18.74			18.74	




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UG Department of Chemistry

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
B.Sc.									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - VI					Name of Course - B.Sc.(MBBC+BT)				
Subject - Chemistry					Paper - I				
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment(T)=(X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
B.Sc (MB/BC)	CO1	63.0952				63.0952	60.714	62.14	62.14
	CO2		52.381			52.381	57.147	54.29	54.29
	CO3			66.6667		66.6667	59.524	63.81	63.81
	CO4				58.3333	58.3333	48.81	54.52	54.52

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
B.Sc.									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - VI					Name of Course - B.Sc.(MBBC+BT)				
Subject - Chemistry					Paper - II				
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment(T)=(X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
B.Sc (MB/BC)	CO1	39.2857				39.2857	53.571	45.00	45.00
	CO2		36.9048			36.9048	54.762	44.05	44.05
	CO3			60.7143		60.7143	58.333	59.76	59.76
	CO4				55.9524	55.9524	55.952	55.95	55.95




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PG Department of Botany

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
M.Sc.									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - IV					Name of Course - Cell and Molecular Biology -II				
Subject - Botany					Paper - I				
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
M.Sc. Botany	CO1	77.2727				77.2727	50	63.64	33.59
	CO2		54.5455			54.5455	54.54	54.54	54.35
	CO3			63.6364		63.6364	72.727	68.18	58.7
	CO4				50	50	36.364	43.18	241.3

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
M.Sc.									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - IV					Name of Course - Plant resources				
Subject - Botany					Paper - IV				
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
M.Sc Botany	CO1	59.0909				59.0909	45.4545	52.27	37.17
	CO2		59.0909			59.0909	40.9091	50.00	50
	CO3			54.5455		54.5455	27.273	40.91	41.3
	CO4				59.0909	59.0909	18.182	38.64	39.13




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Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
M.Sc.									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - IV					of Course - Molecular biology and Plant biotechnolo				
Subject - Botany					Paper - III				
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
M.Sc Botany	CO1	59.0909				59.0909	54.545	56.82	58.7
	CO2		59.0909			59.0909	59.091	59.09	58.7
	CO3			59.0909		59.0909	36.364	47.73	47.83
	CO4				54.5455	54.5455	27.273	40.91	41.3

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
M.Sc.									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - IV					ame of Course - Molecular biology and plant breedin				
Subject - Botany					Paper - II				
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
M.Sc Botany	CO1	50				50	40.9091	45.45	47.83
	CO2		54.5455			54.5455	36.3636	45.45	45.65
	CO3			81.8182		81.8182	27.2727	54.55	56.52
	CO4				22.7273	22.7273	18.1818	20.45	18.74



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UG Department of Botany

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur										
B.Sc.{CBZ}										
Session - 2022 - 23										
Course Outcome Attainment Sheet										
Semester - VI					Name of Course - Biochemistry, Biotech. & Herbal Tech.					
Subject - Botany					Paper - I					
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)		
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)			
B.Sc {CBZ}	CO1	26.3158				26.3158	32.5301	29.42	29.42	
	CO2		71.25			71.25	41.3793	56.31	56.31	
	CO3			73.0337		73.0337	24.7059	48.87	48.87	
	CO4				66.6667	66.6667	65.4321	66.05	66.05	




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Department of Microbiology

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur										
B.Sc.										
Session - 2022 - 23										
Course Outcome Attainment Sheet										
Semester - VI					Name of Course - Microbial Biotechnology and r DNA Technology Microbiology					
Subject - Microbiology					Paper - II					
		Internal Exam (X)					Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)			
B.Sc (MB/BC)	CO1	45.2381				45.2381	54.7619	49.05	49.05	
	CO2		41.6667			41.6667	60.7143	49.29	49.29	
	CO3			64.2857		64.2857	65.4762	64.76	64.76	
	CO4				72.619	72.619	72.619	72.62	72.62	

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B.Sc.										
Session - 2022 - 23										
Course Outcome Attainment Sheet										
Semester - VI					Name of Course - Immunology					
Subject - Microbiology					Paper - I					
		Internal Exam (X)					Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)			
B.Sc (MB/BC)	CO1	64.2857				64.2857	61.9048	63.33	63.33	
	CO2		66.6667			66.6667	63.0952	65.23	65.23	
	CO3			67.8571		67.8571	61.9048	65.47	65.47	
	CO4				73.8095	73.8095	60.7143	68.57	68.57	



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Department of Biotechnology

L8											
A	B	C	D	E	F	G	H	I	J	K	
Semester - VI			Name of Course - Applications of Biotechnology								
Subject - Biotechnology			Paper - I								
		Internal Exam (X)					Terminal Exam (Z)	Direct Attainment(I) =	Final CO Attainment (FCO)		
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)				
B.Sc (MB/BC)	CO1	76				76	56	66.00	61.00		
	CO2		80			80	64	72.00	68.00		
	CO3			84		84	68	76.00	72.00		
	CO4				84	84	72	78.00	75.00		

L8											
A	B	C	D	E	F	G	H	I	J	K	
Semester - VI			Name of Course - Plant and Animal Biotechnology								
Subject - Biotechnology			Paper - II								
		Internal Exam (X)					Terminal Exam (Z)	Direct Attainment(I)=	Final CO Attainment (FCO)		
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)				
B.Sc (MB/BC)	CO1	76				76	56	66.00	61.00		
	CO2		80			80	72	76.00	74.00		
	CO3			84		84	72	78.00	75.00		
	CO4				84	84	76	80.00	78.00		



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Department of Computer Science

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
B.Sc.									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - VI			Name of Course - B. Sc. Computer Science						
Subject - Computer Science			Paper - I						
		Internal Exam (X)					Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
B.Sc (Computer Science)	CO1	70.9091				70.9091	41.8182	56.36	
	CO2		76.4706			76.4706	60.7843	64.71	
	CO3			82.9787		82.9787	65.9574	70.21	
	CO4				78.7234	78.7234	57.4468	62.77	

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
B.Sc.									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - VI			Name of Course - B. Sc. III						
Subject - Computer Science			Paper - II						
		Internal Exam (X)					Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
B.Sc (Computer Science)	CO1	70.9091				70.9091	40	55.45	
	CO2		74.5098			74.5098	58.8235	66.67	
	CO3			82.9787		82.9787	68.0851	71.81	
	CO4				78.7234	78.7234	57.4468	62.77	




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Department of Physics

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
B.Sc.									
Session - 2023 - 24									
Course Outcome Attainment Sheet									
Semester - V					Name of Course - Physical Chemistry				
Subject - Physics					Paper - II				
Internal Exam (X)					Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)		
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
B.Sc PCM	CO1	44.3038				44.3038	49.3671	46.84	33.59
	CO2		49.3671			49.3671	64.557	56.96	40.77
	CO3			43.038		43.038	34.1772	38.61	28.72
	CO4				39.2405	39.2405	44.3038	41.77	29.74




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Department of Languages – English

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
B.Sc.									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - I					English				
Subject - English					Paper				
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
B.Sc (CBZ)	CO1	27				27	62.10526316	41.04	41.04
	CO2		30.208333			30.20833333	61.70212766	42.81	42.81
	CO3			37.623762		37.62376238	67.0212766	49.38	49.38
	CO4				22	22	61.32075472	37.73	37.73

Department of Languages – Supplementary English

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
B.Sc.									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - I					English				
Subject - SUPPLEMENTARY ENGLISH					Paper				
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
B.Sc (MB/BC)	CO1	32				32	50	39.20	39.2
	CO2		39.759036			39.75903614	66.66666667	50.52	50.52
	CO3			47.435897		47.43589744	49.41176471	48.23	48.23
	CO4				30.58824	30.58823529	54.44444444	40.13	40.13



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Department of Languages – Hindi

Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - I					Name of Course - B.Sc.				
Subject - Hindi									
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
B.Sc	CO1	22.292994				22.29299363	83.33333333	46.71	46.71
	CO2		23.076923			23.07692308	83.42541436	47.22	47.22
	CO3			54.216867		54.21686747	74.8502994	62.47	62.47
	CO4				46.44809	46.44808743	75.95628415	58.25	58.25




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Department of Commerce- M.Com.

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
M.Com. (CBCS)									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - IV					Name of Course - CURRENT TREND IN DIGITAL COMMERCE				
Subject - CURRENT TREND IN DIGITAL COMMERCE					Paper - II				
Internal Exam (X)					Terminal Exam (Z)		Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
M.Com (CBCS)	CO1	86.2319				86.2319	82.6087	84.42	83.51
	CO2		86.9565			86.9565	85.5072	86.23	85.87
	CO3			81.1594		81.1594	71.0145	76.09	73.55
	CO4				84.058	84.058	74.6377	79.35	76.99

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
M.Com (CBCS)									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - IV					Name of Course - OPERATION RESEARCH				
Subject - OPERATION RESEARCH					Paper - III				
Internal Exam (X)					Terminal Exam (Z)		Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
M.Com (CBCS)	CO1	78.9855				78.9855	81.8841	80.43	80.43
	CO2		89.1304			89.1304	83.3333	86.23	86.23
	CO3			79.7101		79.7101	80.4348	80.07	80.07
	CO4				81.1594	81.1594	77.5362	79.35	79.35



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Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur										
M.Com (CBCS)										
Session - 2022 - 23										
Course Outcome Attainment Sheet										
Semester - IV			Name of Course - INTERNATIONAL BUSINESS ENVIRONMENT							
Subject - INTERNATIONAL BUSINESS ENVIRONMENT			Paper - I							
Programme (Branch)		Internal Exam (X)					Total Internal Exam (X)	Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)
		UT1	UT2	UT3	UT4	Total Terminal Exam after End of Sem (Z)				
M.Com (CBCS)	CO1	89.1304				89.1304	83.3333	86.23	86.23	
	CO2		91.3043			91.3043	80.4348	85.87	85.87	
	CO3			80.4348		80.4348	78.9855	79.71	79.71	
	CO4				79.7101	79.7101	82.6087	81.16	81.16	

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur										
M.Com (CBCS)										
Session - 2022 - 23										
Course Outcome Attainment Sheet										
Semester - IV			Name of Course - COMPANY LAW							
Subject - COMPANY LAW			Paper - IV							
Programme (Branch)		Internal Exam (X)					Total Internal Exam (X)	Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)
		UT1	UT2	UT3	UT4	Total Terminal Exam after End of Sem (Z)				
M.Com (CBCS)	CO1	85.5072				85.5072	73.1884	79.35	79.35	
	CO2		83.3333			83.3333	78.2609	80.80	80.80	
	CO3			87.6812		87.6812	68.8406	78.26	78.26	
	CO4				81.1594	81.1594	71.7391	76.45	76.45	




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Department of Commerce- B.Com.

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur										
B.COM										
Session - 2022 - 23										
Course Outcome Attainment Sheet										
Semester - VI					Name of Course - B.COM					
Subject - COST ACCOUNTING					SEC - E1					
Programme (Branch)	Internal Exam (X)					Terminal Exam (Z)	Direct Attainment(T)=	Final CO Attainment (FCO)		
	UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)				
B.Com.	CO1	80.3418803				80.3418803	88.1818182	83.48	83.48	
	CO2		72.0339			72.0338983	73.6363636	72.67	72.67	
	CO3			84.95575		84.9557522	85.4545455	85.16	85.16	
	CO4				74.59016	74.5901639	72.7272727	73.85	73.85	

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur										
B.COM										
Session - 2022 - 23										
Course Outcome Attainment Sheet										
Semester - VI					Name of Course - B.COM					
Subject - COST ACCOUNTING					SEC - E2					
Programme (Branch)	Internal Exam (X)					Terminal Exam (Z)	Direct Attainment(T)=	Final CO Attainment (FCO)		
	UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)				
B.Com.	CO1	78.48101				78.48101	84.50704	80.89	80.89	
	CO2		79.22078			79.22078	83.09859	80.77	80.77	
	CO3			79.01235		79.01235	71.83099	76.14	76.14	
	CO4				63.75	63.75	81.69014	70.93	70.93	




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Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
B.COM									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - VI					Name of Course - B.COM				
Subject - COST ACCOUNTING					SEC - E2				
Programme (Branch)	CO	Internal Exam (X)				Total Internal Exam (X)	Terminal Exam (Z)	Direct Attainment (T)=	Final CO Attainment (FCO)
		UT1	UT2	UT3	UT4				
B.Com.	CO1	76.9230769				76.9230769	83.3333333	79.49	79.49
	CO2		80.76923			80.7692308	80.5555556	80.68	80.68
	CO3			64.47368		64.4736842	80.5555556	70.91	70.91
	CO4				81.25	81.25	76.3888889	79.31	79.31

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
B.COM									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - VI					Name of Course - B.COM				
Subject - COST ACCOUNTING					SEC - E2				
Programme (Branch)	CO	Internal Exam (X)				Total Internal Exam (X)	Terminal Exam (Z)	Direct Attainment (T)=	Final CO Attainment (FCO)
		UT1	UT2	UT3	UT4				
B.Com.	CO1	83.7837838				83.7837838	82.5	83.27	83.27
	CO2		71.79487			71.7948718	78.75	74.58	74.58
	CO3			66.66667		66.6666667	82.5	73.00	73.00
	CO4				65.85366	65.8536585	77.5	70.51	70.51



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Department of Management – B.B.A.

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur								
BBA								
Session - 2022 - 23								
Course Outcome Attainment Sheet								
Semester - VI				Name of Course - BBA				
Subject - Fundamentals of Financial Management				Paper - I				
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)	
BBA	CO1	57.1429				57.1429	23.077	43.52
	CO2		85.7143			85.7143	7.6923	54.51
	CO3			77		77	15.385	52.35
	CO4				71.4286	71.4286	15.385	49.01

Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur								
BBA								
Session - 2022 - 23								
Course Outcome Attainment Sheet								
Semester - VI				Name of Course - BBA				
Subject - Advance Financial Management				Paper - II				
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)	
BBA	CO1	57.1429				57.1429	23.077	43.52
	CO2		71.4286			71.4286	7.6923	45.93
	CO3			75		75	15.385	51.15
	CO4				83.3333	83.3333	15.385	56.15




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Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur									
BBA									
Session - 2022 - 23									
Course Outcome Attainment Sheet									
Semester - I					Name of Course - BBA				
Subject - Fundamentals of Human Resource Management					Paper - I				
		Internal Exam (X)				Terminal Exam (Z)	Direct Attainment(T)= (X*0.6+Z*0.4)	Final CO Attainment (FCO)	
Programme (Branch)		UT1	UT2	UT3	UT4	Total Internal Exam (X)	Total Terminal Exam after End of Sem (Z)		
BBA	CO1	80.9524				80.9524	23.077	57.80	57.80
	CO2		90.4762			90.4762	7.6923	57.36	57.36
	CO3			90		90	15.385	60.15	60.15
	CO4				95.4545	95.4545	15.385	63.43	63.43




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