

**Kirori Mal College, University of Delhi, Delhi-110007**

**DEPARTMENT : Mathematics**

**DK: Dinesh Khattar**

**SP: S P Tripathi**

**RK: Raj Kumar**

**NH: Neha Agarwal**

**TIME-TABLE w.e.f. Aug 16, 2023 - Dec. 6, 2023**

**Course and Class: B.Sc. (H) Maths, Semester I (A- Section)**

<b>Time Day</b>	<b>I 8:40-9:40</b>	<b>II 9:40-10:40</b>	<b>III 10:40-11:40</b>	<b>IV 11:40-12:40</b>	<b>V 1:00-2:00</b>	<b>VI 2:00-3:00</b>	<b>VII 3:00-4:00</b>	<b>VIII 4:00-5:00</b>
<b>MONDAY</b>	<b>RK - 111</b>	<b>SP - 111 [T]</b>		<b>DK - 8</b>	<b>VAC: Value Addition Course</b>			
<b>TUESDAY</b>		<b>SP - 111</b>	<b>NH - 103 [T]</b>	<b>DK - 8</b>	<b>GE - 1: Generic Elective Course 1</b>			
<b>WEDNESDAY</b>			<b>NH - 111</b>	<b>SP - 111 [T]</b>	<b>GE - 1: Generic Elective Course 1</b>		<b>AEC: Ability Enhancement Course</b>	
<b>THURSDAY</b>		<b>NH - 103 [T]</b>	<b>SP - 111</b>		<b>GE 1 : Practical and Tutorial classes</b>			
<b>FRIDAY</b>	<b>RK/TH: Comp. Lab. 2</b>	<b>RK/TH: Comp. Lab. 2</b>	<b>SP - 111</b>	<b>RK - 111</b>	<b>SEC 1: Skill Enhancement Course</b>			
<b>SATURDAY</b>		<b>RK - 111</b>			<b>GE - 1: Generic Elective Course 1</b>			

**Kirori Mal College, University of Delhi, Delhi-110007**

**DEPARTMENT : Mathematics**

SK: S K Kaushik  
 TH: B. Semthanga  
 PG: Preeti Garg

**TIME-TABLE w.e.f. Aug 16, 2023 - Dec. 6, 2023**

**Course and Class: B.Sc. (H) Maths, Semester I (B - Section)**

<b>Time Day</b>	<b>I 8:40-9:40</b>	<b>II 9:40-10:40</b>	<b>III 10:40-11:40</b>	<b>IV 11:40-12:40</b>	<b>V 1:00-2:00</b>	<b>VI 2:00-3:00</b>	<b>VII 3:00-4:00</b>	<b>VIII 4:00-5:00</b>
MONDAY			TH - 111		VAC: Value Addition Course			
TUESDAY	PG - 111	SK - 103 [T]	TH - 111	PG - 103 [T]	GE - 1: Generic Elective Course 1			
WEDNESDAY	PG - 111	TH - 111	RK/TH - Comp. Lab. 2	RK/TH - Comp. Lab. 2	GE - 1: Generic Elective Course 1		AEC: Ability Enhancement Course	
THURSDAY	PG - 111	SK - 111			GE 1 : Practical and Tutorial classes			
FRIDAY		SK - 111	SK - 103 [T]	PG - 103 [T]	SEC 1: Skill Enhancement Course			
SATURDAY				SK - 111	GE - 1: Generic Elective Course 1			

**Kirori Mal College, University of Delhi, Delhi-110007**

**DEPARTMENT : Mathematics**

**DK: Dinesh Khattar;**

**SP: S P Tripathi;**

**NH: Neha Agarwal;**

**VD: Vishal Dhawan;**

**TIME-TABLE w.e.f. Aug 16, 2023 - Dec. 6, 2023**

**Course and Class: B.Sc. (H) Maths, Semester III (A - Section)**

<b>Time Day</b>	<b>I 8:40 - 9:40</b>	<b>II 9:40 - 10:40</b>	<b>III 10:40 - 11:40</b>	<b>IV 11:40 - 12:40</b>	<b>V 1:00 - 2:00</b>	<b>VI 2:00 - 3:00</b>	<b>VII 3:00 - 4:00</b>	<b>VIII 4:00 - 5:00</b>
<b>MONDAY</b>	<b>SP - 7</b>		<b>VD - 8</b>		<b>NH - 7 [T]</b>	<b>GE / DSE - ?/111- MD/SD</b>	<b>AGK - 111</b>	<b>AGK - 111</b>
<b>TUESDAY</b>				<b>SP - 111</b>	<b>VAC: Value Addition Course</b>			
<b>WEDNESDAY</b>		<b>VD - 8</b>	<b>SP - 7</b>	<b>DK - 8</b>	<b>GE 3 : Practical and Tutorial classes</b>			
<b>THURSDAY</b>	<b>SP - 8 [T]</b>	<b>VD - 8</b>		<b>DK - 8</b>		<b>GE / DSE - ?/111/103- MD/SD/AG</b>	<b>AEC: Ability Enhancement Course</b>	
<b>FRIDAY</b>	<b>SP - 8 [T]</b>			<b>DK - 8</b>	<b>NH - 7 [T]</b>	<b>GE / DSE - ?/111/103- MD/SD/AG</b>	<b>AGK - 111</b>	<b>AGK - 111</b>
<b>SATURDAY</b>	<b>VD/SD - Comp. Lab 2</b>	<b>VD/SD - Comp. Lab 2</b>			<b>SEC 3: Skill Enhancement Course</b>			

**Kirori Mal College, University of Delhi, Delhi-110007**

<b>DEPARTMENT : Mathematics</b>			<b>TIME-TABLE w.e.f. Aug 16, 2023 - Dec. 6, 2023</b>					
<b>PK: Pratibha Kumar;</b>			<b>Course and Class: B.Sc. (H) Maths, Semester III (B - Section)</b>					
<b>SK: Shiv Kumar Kaushik;</b>								
<b>PS: Prempal Singh;</b>								
<b>Time Day</b>	<b>I 8:40-9:40</b>	<b>II 9:40-10:40</b>	<b>III 10:40-11:40</b>	<b>IV 11:40-12:40</b>	<b>V 1:00-2:00</b>	<b>VI 2:00-3:00</b>	<b>VII 3:00-4:00</b>	<b>VIII 4:00-5:00</b>
MONDAY	PK - 8 [T]	PK - 8		PS - 111		GE / DSE - ?/111/103- MD/SD/AG	AGK - 111	AGK - 111
TUESDAY		PK - 8	SK - 8		VAC: Value Addition Course			
WEDNESDAY	PS - 8	SK - 103 [T]	SK - 8		GE 3 : Practical and Tutorial classes			
THURSDAY			SK - 8			GE / DSE - ?/111/103- MD/SD/AG	AEC: Ability Enhancement Course	
FRIDAY		PK - 8	PK - 8 [T]			GE / DSE - ?/111/103- MD/SD/AG	AGK - 111	AGK - 111
SATURDAY	PS - 8	SK - 8 [T]	VD/PS - Comp. Lab 2	VD/PS - Comp. Lab 2	SEC 3: Skill Enhancement Course			

**Kirori Mal College, University of Delhi, Delhi-110007**

**DEPARTMENT : Mathematics**

**TIME-TABLE w.e.f. Aug 16, 2023 - Dec. 6, 2023**

**Course and Class: B.Sc. (H) Maths, Semester V (A - Section)**

<b>Time Day</b>	<b>I 8:40-9:40</b>	<b>II 9:40-10:40</b>	<b>III 10:40-11:40</b>	<b>IV 11:40-12:40</b>	<b>V 1:00-2:00</b>	<b>VI 2:00-3:00</b>	<b>VII 3:00-4:00</b>	<b>VIII 4:00-5:00</b>
<b>MONDAY</b>	VS - C++ Comp. Lab 2	RK - 7	SP/NH - Num Anal. Comp. Lab2	SP/NH - Num Anal. Comp. Lab2	KG/PS - Num. Anal. Comp. Lab 2	NH - 8/VS - 7/ KG - Num. Anal. Comp. Lab 2	VS - C++ Comp. Lab 2	VS - C++ Comp. Lab 2
<b>TUESDAY</b>	RK - 7	RK - 7	PG - 7	RK - 7 [T]	SU - 7	SU - 7	NH/PS - Num. Anal. Comp. Lab 2	NH/PS - Num. Anal. Comp. Lab 2
<b>WEDNESDAY</b>	SP/NH - Num Anal. Comp. Lab2	SP/NH - Num Anal. Comp. Lab2	PG - 103	SU - 7 [T]	SU - 7	NH/VS - 8/7	PS/VD - 7/8 [T]	
<b>THURSDAY</b>			PG - 7	PG - 7 [T]	SU - 7	NH/VS - 8/7	SU - 7 [T]	
<b>FRIDAY</b>	PG - 7	PG - 7	RK - 7			NH/VS - 8/7	PS/VD - 7/8 [T]	PS - 7
<b>SATURDAY</b>	PG - 7 [T]	PG - 7 [T]	RK - 7	RK - 7 [T]	SU - 7	PS/VS - 8/7	SU - 7 [T]	

Kirori Mal College, University of Delhi, Delhi-110007

DEPARTMENT : Mathematics

TIME-TABLE w.e.f. Aug 16, 2023 - Dec. 6, 2023

Course and Class: B.Sc. (H) Maths, Semester V (B - Section)

<b>Time Day</b>	<b>I 8:40-9:40</b>	<b>II 9:40-10:40</b>	<b>III 10:40-11:40</b>	<b>IV 11:40-12:40</b>	<b>V 1:00-2:00</b>	<b>VI 2:00-3:00</b>	<b>VII 3:00-4:00</b>	<b>VIII 4:00-5:00</b>
<b>MONDAY</b>	VS - C++ Comp. Lab 2	TH - 103 [T]	PK - 7[T]	VD - 7	KG/PS - Num. Anal. Comp. Lab 2	NH - 8/VS - 7/ KG - Num. Anal. Comp. Lab 2	VS - C++ Comp. Lab 2	VS - C++ Comp. Lab 2
<b>TUESDAY</b>	PK - 8				TH - 8	TH - 8	NH/PS - Num. Anal. Comp. Lab 2	NH/PS - Num. Anal. Comp. Lab 2
<b>WEDNESDAY</b>	PK - 7	PK - 7		VD - 103	TH - 8	NH/VS - 8/7	VD/PS - 8/7 [T]	
<b>THURSDAY</b>	PK - 7	PK - 7 [T]	TH - 103 [T]	VD - 111	TH - 8	NH/VS - 8/7	VD - 7 [T]	
<b>FRIDAY</b>	PK - 111			VD - 7	TH - 8	NH/VS - 8/7	VD/PS - 8/7 [T]	
<b>SATURDAY</b>					VD - 8	PS/VS - 8/7		

**Kirori Mal College, University of Delhi, Delhi-110007**

**DEPARTMENT : Mathematics**

**TIME-TABLE w.e.f. Aug 16, 2023 - Dec. 6, 2023**

**Course and Class: B.Sc. (H) Maths (Comp. Lab. 2)**

<b>Time Day</b>	<b>I 8:40-9:40</b>	<b>II 9:40-10:40</b>	<b>III 10:40-11:40</b>	<b>IV 11:40-12:40</b>	<b>V 1:00-2:00</b>	<b>VI 2:00-3:00</b>	<b>VII 3:00-4:00</b>	<b>VIII 4:00-5:00</b>
<b>MONDAY</b>	Sem V(B): VS - C++		Sem V(A) - SP/NH - Numerical Anal	Sem V(A) - SP/NH - Numerical Anal	Sem V(A) - KG/PS - Numerical Anal	Sem V(A) - KG - Numerical Anal	Sem V(B): VS - C++	Sem V(B): VS - C++
<b>TUESDAY</b>	B.SC (P) V (B) (LOCF) - VS/AG Diff. Equns	B.SC (P) V (B) (LOCF) - VS/AG Diff. Equns	B.SC (P) V (B) (LOCF) - VS/AG Diff. Equns	B.SC (P) V (B) (LOCF) - VS/AG Diff. Equns	VAC 1/3 (Theory/Practical): CCL 2		Sem V(A) - NH/PS - Numerical Anal	Sem V(A) - NH/PS - Numerical Anal
<b>WEDNESDAY</b>	Sem V(A) - SP/NH - Numerical Anal	Sem V(A) - SP/NH - Numerical Anal	Sem I (B) RK/TH - Prob. & Stats	Sem I (B) RK/TH - Prob. & Stats	GE 3: Generic Elective Course (Practical/Tutorial)			
<b>THURSDAY</b>	B.SC (P) V (B) (LOCF) - KG/AD Diff Equations	B.SC (P) V (B) (LOCF) - KG/AD Diff Equations	B.SC (P) V (B) (LOCF) - KG/AD Diff Equations	B.SC (P) V (B) (LOCF) - KG Diff Equations	GE 1: Generic Elective Course (Practical/Tutorial)			
<b>FRIDAY</b>	Sem I (A) - RK/TH: Prob. & Stats	Sem I (A) - RK/TH: Prob. & Stats	B.SC (P) Sem V (LOCF) KG - SEC3	B.SC (P) Sem V (LOCF) KG - SEC3	SEC 1: (SU/SD) Skill Enhancement Course			
<b>SATURDAY</b>	Sem III (A) VD/SD - Discrete Maths	Sem III (A) VD/SD - Discrete Maths	Sem III (B) VD/PS - Discrete Maths	Sem III (B) VD/PS - Discrete Maths	SEC 3: (SK/SD) Skill Enhancement Course			

**Kirori Mal College, University of Delhi, Delhi-110007**

**DEPARTMENT : Mathematics**  
**ROOM NO. 111**

**TIME-TABLE w.e.f. Aug 16, 2023 - Dec. 6, 2023**  
**Course and Class: B.Sc. (H) Maths**

<b>Time Day</b>	<b>I 8:40-9:40</b>	<b>II 9:40-10:40</b>	<b>III 10:40-11:40</b>	<b>IV 11:40-12:40</b>	<b>V 1:00-2:00</b>	<b>VI 2:00-3:00</b>	<b>VII 3:00-4:00</b>	<b>VIII 4:00-5:00</b>
<b>MONDAY</b>	Sem I (A) - RK	Sem I (A) - SP	Sem I (B) - TH	Sem III (B) - PS	Sem I - GE 1	Sem III (DSE 1) - SD		
<b>TUESDAY</b>	Sem I (B) - PG	Sem I (A) - SP	Sem I (B) - TH	Sem III (A) - SP	Sem I - GE 1			
<b>WEDNESDAY</b>	Sem I (B) - PG	Sem I (B) - TH	Sem I (A) - NH	Sem I (A) - SP	Sem I - GE 1			
<b>THURSDAY</b>	Sem I (B) - PG	Sem I (B) - SK	Sem I (A) - SP	Sem I (A) - VD	Sem I - GE 1	Sem III (GE 3/DSE 1)		
<b>FRIDAY</b>	Sem V (B) - PK	Sem I (B) - SK	Sem I (A) - SP	Sem I (A) - RK	Sem I - GE 1	Sem III (GE 3/DSE 1)		
<b>SATURDAY</b>		Sem I (A) - RK		Sem I (B) - SK	Sem I - GE 1			



**Kirori Mal College, University of Delhi, Delhi-110007**

**DEPARTMENT : Mathematics**  
**ROOM NO. 8**

**TIME-TABLE w.e.f. Aug 16, 2023 - Dec. 6, 2023**  
**Course and Class: B.Sc. (H) Maths**

<b>Time Day</b>	<b>I 8:40-9:40</b>	<b>II 9:40-10:40</b>	<b>III 10:40-11:40</b>	<b>IV 11:40-12:40</b>	<b>V 1:00-2:00</b>	<b>VI 2:00-3:00</b>	<b>VII 3:00-4:00</b>	<b>VIII 4:00-5:00</b>
<b>MONDAY</b>	Sem III (B) - PK	Sem III (B) - PK	Sem III (A) - VD	Sem I (A) - DK		Sem V (A) - NH		
<b>TUESDAY</b>	Sem V (A) - RK	Sem III (B) - PK	Sem III (B) - SK	Sem I (A) - DK	Sem V (B) - TH	Sem V (B) - TH		
<b>WEDNESDAY</b>	Sem III (B) - PS	Sem III (A) - VD	Sem III (B) - SK	Sem III (A) - DK	Sem V (B) - TH	Sem V (A) - NH	Sem V (A) - VD	
<b>THURSDAY</b>	Sem III (A) - SP	Sem III (A) - VD	Sem III (B) - SK	Sem III (A) - DK	Sem V (B) - TH	Sem V (A) - NH	Sem V (A) - SU	
<b>FRIDAY</b>	Sem III (A) - SP	Sem III (B) - PK	Sem III (B) - PK	Sem III (A) - DK	Sem V (B) - TH	Sem V (A) - NH	Sem V (B) - VD	
<b>SATURDAY</b>	Sem III (B) - PS	Sem III (B) - SK			Sem III (A) - VD	Sem V (B) - VS	Sem V (A) - SU	

**Kirori Mal College, University of Delhi, Delhi-110007**

**DEPARTMENT : Mathematics**  
**ROOM NO. 7**

**TIME-TABLE w.e.f. Aug 16, 2023 - Dec. 6, 2023**  
**Course and Class: B.Sc. (H) Maths**

<b>Time Day</b>	<b>I 8:40-9:40</b>	<b>II 9:40-10:40</b>	<b>III 10:40-11:40</b>	<b>IV 11:40-12:40</b>	<b>V 1:00-2:00</b>	<b>VI 2:00-3:00</b>	<b>VII 3:00-4:00</b>	<b>VIII 4:00-5:00</b>
<b>MONDAY</b>	Sem III (A) - SP	Sem V (A) - RK	Sem V (B) - PK	Sem V (B) - VD	Sem III (A) - NH	Sem I (VAC 1) - PS	Sem I (VAC 1) - PS	Sem I (VAC 1) - PS
<b>TUESDAY</b>	Sem V (B) - RK	Sem V (A) - RK	Sem V (A) - PG	Sem V (A) - RK	Sem V (A) - SU	Sem V (A) - PS		
<b>WEDNESDAY</b>	Sem V (B) - PK	Sem V (B) - PK	Sem III (A) - SP	Sem V (B) - SU	Sem V (A) - SU	Sem V - VS	Sem V (A) - PS	
<b>THURSDAY</b>	Sem V (B) - PK	Sem V (B) - PK	Sem V (A) - PG	Sem V (A) - PG	Sem V (A) - SU	Sem V - VS	Sem V (B) - VD	
<b>FRIDAY</b>	Sem V (A) - PG	Sem V (A) - PG	Sem V (A) - RK	Sem V (B) - VD	Sem III (A) - NH	Sem V - VS	Sem V (B) - PS	
<b>SATURDAY</b>	Sem V (A) - PG	Sem V (A) - PG	Sem V (A) - RK	Sem V (A) - RK	Sem V (A) - SU	Sem V (B) - VS	Sem V (A) - SU	



## Department of Mathematics, Kirori Mal College

### Odd Semester 2022-2023

S.No.	Name of the Faculty	Papers Allotted	Semester	Workload	No. of Lectures	No. of Tutorials	No. of Practicals	Total	
1	Prof. Pratibha Kumar	Group Theory	III (NEP)	3L+1T	3	2	0	5	
		Group Theory - II	V (LOCF)	5L+1T	5	4	0	9	
2	Prof. Dinesh Khattar	Algebra	I (NEP)	3L+2T	2	0	0	2	
		Group Theory	III (NEP)	3L+2T	3	0	0	3	
3	Prof. S.K. Kaushik	Elementary Real Analysis	I (NEP)	3L+1T	3	2	0	5	
		Riemann Integration	III (NEP)	3L+1T	3	2	0	5	
		Sec-3 (Prac. Only)	III	2P( with Dorjai)	0	0	4	4	
4	Dr. Preeti Garg	Algebra	I (NEP)	3L+1T	3	2	0	5	
		Group Theory - II	V (LOCF)	5L+1T	5	4	0	9	
5	Dr. S.P. Tripathi	Elementary Real Analysis	I (NEP)	3L+1T	3	2	0	5	
		Riemann Integration	III (NEP)	3L+1T	3	2	0	5	
		Numerical Analysis (Practical only)	V (LOCF)	2P	0	0	4	4	Practical with Neha
6	Prof. Raj Kumar	Probability and Statistics	I (NEP)	3L+1P+1P	3	0	2+2	7	Practical with Thanga
		Probability Theory and Statistics	V (LOCF)	5L+1T	5	2	0	7	2 Tutorial
7	Mr. B. Semthanga	Probability and Statistics	I (NEP)	3L+1P+1P	3	0	2+2	7	Practical with Raj Kumar
		Metric Spaces	V (LOCF)	5L+1T	5	4	0	9	
8	Dr. Sumit Kumar Sharma	Topics in Calculus	I (Prog) (NEP)	3L+1T	3	2	0	5	
		Metric Spaces	V (LOCF)	5L+4T	5	2	0	7	2 Tutorial
		Advanced Spreadsheets Tools	I (SEC - 1)	2P	0	0	4	4	Practical with Dorjai
9	Neha Agrawal	Numerical Analysis	V (LOCF)	4L+2P	4	0	4 + 2	10	Practical with S P T
		Algebra	I (NEP)	3L+2T	3	0	0	3	Lect. & Tut. shared with Dinesh
		Group Theory	III (NEP)	3L+2T	0	2	0	2	
10	Mr. Vishal Dhawan	Discrete Mathematics	III (NEP)	3L+1P	3	0	2 + 2	7	Practical with Prempal
		Discrete Mathematics	V (LOCF)	5L+1T	5	4	0	9	
11	Dr. Kavita Gupta	Differential Equations	V (Prog.) (LOCF)	4L+4P	4	0	4 + 3	11	Practical with Avinash

11	Dr. Kavita Gupta	Transportation and Network Flow Problems: SEC - 3	V (Prog.) (LOCF)	3L+2P	3	0	2	5	
12	Mr. Stanzin Dorjai	Differential Equations	III (NEP) (Prog)	3L+1T	3	1	0	4	Practical with Sumit
		Sec-1 Advanced Spreadsheet Tools (NEP)	I (NEP)	2P	0	0	2	2	
		SEC 3 Document Presentation and Presentation Software	III (NEP)	2P	0	0	4	4	Practical with S K Kaushik
		Graph Theory	III (DSE 1) (NEP)	3L+1T	3	1	0	4	
13	Ms. Bharti Yadav	ON LEAVE							
14	Meenu Rathore	Fundamentals of Calculus	I (GE-1) (NEP)	3L+1T	3	3	0	6	Practical with Vishal Dhawan
		Differential Equations	III (Prog.) (NEP)	3L+1T	3	2	0	5	
		Differential Equations	III (GE-3)	3L+1T	3	2	0	5	
15	Prempal Singh	Discrete Mathematics	III (NEP)	3L+1P	3	0	2	5	
		Vedic Mathematics	VAC-1	1L+1P	1	0	2	3	
		Numerical Analysis	V (DSE 1)	4L+4P	4	0	4	8	
16	Abdul Gaffar Khan	Differential Equations	III (GE 3) (NEP)	3L+1T	3	2	0	4	Practical with Vijay
		Fundamentals of Calculus	I (GE-1)	3L+1T	3	3	0	4	
		Differential Equations	V (DSE 1) (PS)	5L+1T	0	0	4	4	
		Number Theory	III (DSE 1) (NEP)	3L+1T	3	1	0	4	
17	Vijay Singh	C++ Programming for Mathematics	V(LOCF) (DSE-1)	4L+4P	4	0	4	8	
		Differential Equations	V (Prog.) (LOCF)	5L+1T	4	0	4	8	Practical with Abdul G K
		Topics in Calculus	I (Prog) (NEP)	3L+1T	3	3	0	6	

	Avinash Dixit	MATHS -2	III (AC) (NEP)	3L+1T	3	2	0	5
		Differential Equations	III (GE 3)	3L+1T	3	2		5
19	Adhoc(Pawan Bala)							

Note for Semester- I	
Practical:	Maximum number of students in one batch = 25. <span style="float: right;">Sanctioned strength of Students in B.Sc. (Hons.) Mathematics= 83.</span>
	Total number of batches in Practicals = 4
	2 Batches of Practical in each section each having 2 hours of practicals in Semester I. So, Total 4 hours of Practical in each section in Semester I

Tutorials (NEP):	Maximum number of students in one batch = 30. <span style="float: right;">Sanctioned strength of Students in B.Sc. (Hons.) Mathematics= 83.</span>
	Total number of batches in Practicals = 3

14: 8L+ 6T/7L+2P+5T     /7L+4P+3T  
16: 8L+4T+4P



**Department of Mathematics, Kirori Mal College, DU**

**Workload 2023-2024 (ODD SEMESTER)**

**B.Sc. (Hons.) Mathematics (80L+32T+16P)**

**Preferences**

Sem	Paper Name	Type	Lec./ Tut./ Prac.	FACULTY A	FACULTY B	
I (NEP)	Algebra	DSC-1	3L+1T	Dinesh Khattar	Preeti Garg	
	Elementary Real Analysis	DSC-2	3L+1T	S P Tripathi	S K Kaushik	
	Probability and Statistics	DSC-3	3L+1P	Raj Kumar	B Semthanga	
III (NEP)	Group Theory	DSC-7	3L+1T	Dinesh Khattar	Pratibha Kumar	
	Riemann Integration	DSC-8	3L+1T	S P Tripathi	S K Kaushik	
	Discrete Mathematics	DSC-9	3L+1P	Vishal Dhawan	Prempal Singh	
	Graph Theory	DSE- 1 (Any one)	3L+1T	Stanzin Dorjai		
	Mathematical Python		3L+1P	Avinash Dixit		NA
Number Theory	3L+1T		Abdul Gaffar Khan			
V (LOCF)	Metric Spaces	CORE	5L+1T	Sumit Kumar Sharma	B Semthanga	
	Group Theory- II	CORE	5L+1T	Preeti Garg	Pratibha Kumar	
	Numerical Analysis	DSE-1 (Any One)	4L+4P	Neha Agrawal / Prempal Singh		
	Mathematical Modeling and Graph Theory		4L+4P	Prempal Singh		NA
	C++ Programming for Mathematics		4L+4P	Vijay Singh		
	Probability Theory and Statistics		5L+1T	Raj Kumar		
	Discrete Mathematics	DSE-2 (Any One)	5L+1T	Vishal Dhawan		
	Cryptography and Network Security		5L+1T	Guest Teacher		NA

**Preferences**

**B.Sc.**

Sem	Paper Name	Type	Lec./ Tut./ Prac.	Section A	Section B	
I (NEP)	Topics in Calculus	DSC A-1	3L+1T	Sumit Kumar Sharma	Avinash Dixit	
	Differential Equations	DSC A-3	3L+1T	Meenu Devi	Stanzin Dorjai	



III (NEP)	Combinatorics	DSE-1 (Any One)	3L+1T	Guest Faculty	NA
	Elements of Number Theory		3L+1T	Guest Faculty	
	Theory of Equations and Symmetries		3L+1T	Guest Faculty	NA
V (LOCF)	Differential Equations	DSE-1 (Any One)	4L+4P	Vijay Singh/Kavita Gupta	
	Mechanics and Discrete Mathematics		5L+1T	Vijay Singh	NA
	Transportation and Network Flow Problems	SEC-3	3L+2P	Kavita Gupta	

**B.Sc. Analytic Chemistry (3L + 1T)**

**Preferences**

Sem	Paper Name	Type	Lec./ Tut./ Prac.		
III (NEP)	MATHS -2	CORE	3L+1T		Avinash Dixit

**Generic Elective (GE) (12L + 4T)**

**Preferences**

Sem	Paper Name	Type	Lec./ Tut./ Prac.	Section A	Section B	
I (NEP)	Fundamentals of Calculus	GE-1 (Any One)	3L+1T	Meenu Devi	Abdul Gaffar Khan	
	Theory of Equations and Symmetries		3L+1T	Stanzin Dorjai		NA
III (NEP)	Differential Equations	GE-3 (Any One)	3L+1T	Meenu Devi	Abdul Gaffar Khan	
	Lattices and Number Theory		3L+1T	Abdul Gaffar Khan		NA

**Skill Enhancement Course (SEC) 16P**

**Preferences**

Sem	Paper Name	Type	Lec./ Tut./ Prac.	Section A	Section B	
I (NEP)	Advanced Spreadsheets Tools	SEC-1	2P	Sumit Kumar Sharma/Stanzin Dorjai/Avinash		
III (NEP)	Document Preparation and Presentation Software	SEC-3	2P	Stanzin Dorjai/S K Kaushik		

**Value Added Course (VAC) (2L + 4P)**

**Name of Faculty**

Sem	Paper Name	Type	Lec./ Tut./ Prac.	Only One Section each Semester	Preferences
I (NEP)	Vedic Mathematics - 1	VAC-1	1L+1P	Dharmal Singh	

III (NEP)	Vedic Mathematics - 1	VAC-1	1L+1P	Guest Faculty
III (NEP)	Vedic Mathematics - 1	VAC-3	1L+1P	Guest Faculty

B.Sc. (H) Maths Sem V: Numerical Analysis NH/SD

B.Sc. (H) Maths Sem V: Mathematical

Modelling

PPS/NH

**Department of Mathematics****Practical Classes****Odd Semester 2022-2023**

<b>S.No.</b>	<b>Course</b>	<b>Paper Name</b>	<b>Paper Type</b>	<b>Semester</b>	<b>Number of Labs</b>
1	B.Sc. (Hons.) Mathematics	Probability and Statistics	Core	I	4
2	B.Sc. (Hons.) Mathematics	Computer Algebra Systems	SEC	I	4
3	B.Sc. (Hons.) Mathematics	Multivariate Calculus	Core	III	8
4	B.Sc. (Hons.) Mathematics	LaTeX and HTML	SEC	III	8
5	B.Sc. (Hons.) Mathematics	Numerical Analysis	DSE	V	4
5	B.Sc. (Hons.) Mathematics	Mathematical Modeling & Graph Theory	DSE	V	4
				<b>Total</b>	<b>32</b>
6	B.Sc. (Prog.) Physical Sciences	Computer Algebra Systems	SEC	III	4
7	B.Sc. (Prog.) Physical Sciences	Transpotation and Network Flow Problems	SEC	V	4
				<b>Total</b>	<b>8</b>
<b>Total Practical Classes required</b>					<b>40</b>

**Department of Mathematics, Kirori Mal College, DU**

**Workload 2023-2024 (ODD SEMESTER)**

**B.Sc. (Hons.) Mathematics (80L+32T+16P)**

Preferences

Sem	Paper Name	Type	Lec./ Tut./ Prac.	FACULTY 1	FACULTY 2	
I (NEP)	Algebra	DSC-1	3L+1T	Preeti Garg	Dinesh Khattar	
	Elementary Real Analysis	DSC-2	3L+1T	S K Kaushik	S P Tripathi	
	Probability and Statistics	DSC-3	3L+1P	B Semthanga	Raj Kumar	
III (NEP)	Group Theory	DSC-7	3L+1T	Dinesh Khattar	Pratibha Kumar	
	Riemann Integration	DSC-8	3L+1T	S P Tripathi	S K Kaushik	
	Discrete Mathematics	DSC-9	3L+1P	Prempal Singh	Vishal Dhawan	
	Graph Theory	DSE- 1 (Any one)	3L+1T	B Semthanga		
	Mathematical Python		3L+1P	Avinash Dixit		
	Number Theory		3L+1T	Abdul Gaffar Khan		
V (LOCF)	Metric Spaces	CORE	5L+1T	Sumit Kumar Sharma	B Semthanga	
	Group Theory- II	CORE	5L+1T	Pratibha Kumar	Preeti Garg	
	Numerical Analysis	DSE-1 (Any One)	4L+4P	Neha Agrawal		
	Mathematical Modeling and Graph Theory		4L+4P	Prempal Singh		
	C++ Programming for Mathematics		4L+4P	Vijay Singh		
	Probability Theory and Statistics		5L+1T	Raj Kumar		
	Discrete Mathematics	DSE-2 (Any One)	5L+1T	Vishal Dhawan		
	Cryptography and Network Security		5L+1T	Abdul Gaffar Khan / Meenu Devi		

Preferences

**B.Sc.**

Sem	Paper Name	Type	Lec./ Tut./ Prac.	Section A	Section B	
I (NEP)	Topics in Calculus	DSC A-1	3L+1T	Avinash Dixit	Sumit Kumar Sharma	
	Differential Equations	DSC A-3	3L+1T	Meenu Devi	Vijay Singh	

III (NEP)	Combinatorics	DSE-1 (Any One)	3L+1T	<b>Open for selection</b>		
	Elements of Number Theory		3L+1T	Abdul Gaffar Khan		
	Theory of Equations and Symmetries		3L+1T	Stanzin Dorjai		
V (LOCF)	Differential Equations	DSE-1 (Any One)	4L+4P	Kavita Gupta		
	Mechanics and Discrete Mathematics		5L+1T	Vijay Singh		
	Transportation and Network Flow Problems	SEC-3	3L+2P	Kavita Gupta		
<b>B.Sc. Analytic Chemistry (3L + 1T)</b>						<b>Preferences</b>
<b>Sem</b>	<b>Paper Name</b>	<b>Type</b>	<b>Lec./ Tut./ Prac.</b>			
III (NEP)	MATHS -2	CORE	3L+1T	Avinash Dixit		
<b>Generic Elective (GE) (12L + 4T)</b>						<b>Preferences</b>
<b>Sem</b>	<b>Paper Name</b>	<b>Type</b>	<b>Lec./ Tut./ Prac.</b>	<b>Section A</b>	<b>Section B</b>	
I (NEP)	Fundamentals of Calculus	GE-1 (Any One)	3L+1T	Abdul Gaffar Khan	Meenu Devi	
	Theory of Equations and Symmetries		3L+1T			
III (NEP)	Differential Equations	GE-3 (Any One)	3L+1T	Meenu Devi	Vijay Singh	
	Lattices and Number Theory		3L+1T	Abdul Gaffar Khan		
<b>Skill Enhancement Course (SEC) 16P</b>						<b>Preferences</b>
<b>Sem</b>	<b>Paper Name</b>	<b>Type</b>	<b>Lec./ Tut./ Prac.</b>	<b>Section A</b>	<b>Section B</b>	
I (NEP)	Advanced Spreadsheets Tools	SEC-1	2P	Sumit Kumar Sharma		
III (NEP)	Title of paper yet to be decided	SEC-3	2P	Stanzin Dorjai		
<b>Value Added Course (VAC) (2L + 4P)</b>						<b>Name of Faculty</b>
<b>Sem</b>	<b>Paper Name</b>	<b>Type</b>	<b>Lec./ Tut./ Prac.</b>	<b>Only One Section each Semester</b>		<b>Preferences</b>
I (NEP)	Vedic Mathematics	VAC-1	1L+1P	Prerna Singh		

III (NEP)	VEDIC MATHEMATICS	VAC-1	1L+1P	Practical/Joint	
III (NEP)	Title of paper yet to be decided	VAC-3	1L+1P	Open for selection	

B.Sc. (H) Maths Sem V: Numerical Analysis NH/SD

B.Sc. (H) Maths Sem V: Mathematical

Modelling

PPS/NH

**MATHEMATICS MASTER TIME TABLE : Odd Semester, July 20 - December 31, 2023**

B.Sc. (Honours) Mathematics - Sanctioned Strength: 91

		1		2		3		4		5		6		7		8		
		08:40 – 09:40 AM		09:40 – 10:40 AM		10:40 – 11:40 AM		11:40 AM– 12:40 PM		1:00 – 2:00 PM		2:00 – 3:00 PM		3:00 – 4:00 PM		4:00 – 5:00 PM		
SEMESTER-1	Mon	DK&NH/PG	Algebra	SP/SK	Real Analysis	RK/TH	Prob & Stats											
		Maths A	RK - 111	Maths A	SP - 111 [T]	Maths A		Maths A	DK - 8	VAC: VALUE ADDITION COURSE								
	Tue	Maths B		Maths B		Maths B	TH - 111	Maths B										
		Maths A		Maths A	SP - 111	Maths A	NH - 103 [T]	Maths A	DK - 8	GE 1 (MD/AGK)	Maths A		Maths A					
	Maths B	PG - 111	Maths B	SK - 103 [T]	Maths B	TH - 111	Maths B	PG - 103 [T]	Maths B									
	Wed	Maths A		Maths A		Maths A	NH - 111	Maths A	SP - 111 [T]	GE 1 (MD/AGK)	Maths A		AEC: ABILITY ENHANCEMENT COURSE					
		Maths B	PG - 111	Maths B	TH - 111	Maths B	RK/TH C. Lab 2	Maths B	RK/TH C. Lab 2		Maths B							
	Thu	Maths A		Maths A	NH - 103 [T]	Maths A	SP - 111	Maths A		GE (PRACTICAL & TUTORIAL)								
		Maths B	PG - 111	Maths B	SK - 111	Maths B		Maths B										
	Fri	Maths A	RK/TH C. Lab 2	Maths A	RK/TH C. Lab 2	Maths A	SP - 111	Maths A	RK - 111	SEC: SKILL ENHANCEMENT COURSE (PRACTICAL & TUTORIAL)								
		Maths B		Maths B	SK - 111	Maths B	SK - 103 [T]	Maths B	PG - 103 [T]									
	Sat	Maths A		Maths A	RK - 111	Maths A		Maths A		GE 1 (MD/AGK)	Maths A		Maths A					
Maths B			Maths B		Maths B		Maths B	SK - 111	Maths B									
SEMESTER - 3	Mon	DK/PK	Group Theory	SP/SK	R. Integration	VD/PS	Discrete Maths	AGK/SD	DSE - 1									
		Maths A	SP - 7	Maths A		Maths A	VD - 8	Maths A		Maths A	NH - 7 [T]	Maths A	GEC/DSE 1: MD/AGK/SD - ??/111	Maths A	AGK (DSE 1): 111	Maths A	AGK (DSE 1): 111	
	Tue	Maths B	PK - 8 [T]	Maths B	PK - 8	Maths B		Maths B	PS - 111	Maths B		Maths B		VAC: VALUE ADDITION COURSE				
		Maths A		Maths A		Maths A		Maths A	SP - 111	Maths A								
	Wed	Maths B		Maths B	PK - 8	Maths B	SK - 8	Maths B		Maths B				GEC: GENERIC ELECTIVE COURSE (PRACTICAL & TUTORIAL)				
		Maths A		Maths A	VD - 8	Maths A	SP - 7	Maths A	DK - 8	Maths A								
	Thu	Maths B	PS - 8	Maths B	SK - 103 [T]	Maths B	SK - 8	Maths B		Maths B				AEC: ABILITY ENHANCEMENT COURSE				
		Maths A	SP - 8 [T]	Maths A	VD - 8	Maths A		Maths A	DK - 8	Maths A		Maths A	GEC/DSE 1: MD/AGK/SD - ??/111	Maths A				
	Fri	Maths B		Maths B		Maths B	SK - 8	Maths B		Maths B				GEC/DSE 1: MD/AGK/SD - ??/111	Maths A	AGK (DSE 1): 111	Maths A	AGK (DSE 1): 111
		Maths A	SP - 8 [T]	Maths A		Maths A		Maths A	DK - 8	Maths A	NH - 7 [T]	Maths A			Maths B			
	Sat	Maths B	VD/SD C. Lab 2	Maths A	VD/SD C. Lab 2	Maths A		Maths A		Maths A				SEC: SKILL ENHANCEMENT COURSE (SK/SD)				
		Maths A	PS - 8	Maths B	SK - 8 [T]	Maths B	VD/PS C. Lab 2	Maths B	VD/PS C. Lab 2	Maths B								
SEMESTER - 5	Mon	PG/PK	Group Theory II	RK/VD	P&S/Discrete	SU/TH	Metric Spaces		NH/PS/VS	Num. Anal / C++								
		Maths A	VS C. Lab 2	Maths A	RK - 7	Maths A	SP/NH - C. Lab 2	Maths A	SP/NH - C. Lab 2	Maths A	KG/PS - C. Lab 2	Maths A	NH - 8 / VS - 7 / KG - CCL2	Maths A	VS C. Lab 2	Maths A	VS C. Lab 2	
	Tue	Maths B		Maths B	TH - 103 [T]	Maths B	PK - 7 [T]	Maths B	VD - 7	Maths B		Maths B		Maths B				
		Maths A	RK - 7	Maths A	RK - 7	Maths A	PG - 7	Maths A	RK - 7 [T]	Maths A	SU - 7	Maths A	SU - 7	Maths A	NH/PS - C. Lab 2	Maths A	NH/PS - C. Lab 2	
	Wed	Maths B	PK - 8	Maths B		Maths B		Maths B		Maths B	TH - 8	Maths B	TH - 8	Maths B		Maths B		
		Maths A	SP/NH - C. Lab 2	Maths A	SP/NH - C. Lab 2	Maths A	PG - 103	Maths A	SU - 7 [T]	Maths A	SU - 7	Maths A	NH - 8	Maths A	PS - 7	Maths A		
	Thu	Maths B	PK - 7	Maths B	PK - 7	Maths B		Maths B	VD - 103	Maths B	TH - 8	Maths B	VS - 7	Maths B	VD - 8 [T]	Maths B		
		Maths A		Maths A		Maths A	PG - 7	Maths A	PG - 7 [T]	Maths A	SU - 7	Maths A	NH - 8	Maths A	SU - 7 [T]	Maths A		
	Fri	Maths B	PK - 7	Maths B	PK - 7 [T]	Maths B	TH - 103 [T]	Maths B	VD - 111	Maths B	TH - 8	Maths B	VS - 7	Maths B	VD - 8 [T]	Maths B		
		Maths A	PG - 7	Maths A	PG - 7	Maths A	RK - 7	Maths A		Maths A		Maths A	NH - 8	Maths A	PS - 7	Maths A		PS - 7
	Sat	Maths B	PK - 111	Maths B		Maths B		Maths B	VD - 7	Maths B	TH - 8	Maths B	VS - 7	Maths B	VD - 8 [T]	Maths B		
		Maths A	PG - 7 [T]	Maths A	PG - 7 [T]	Maths A	RK - 7	Maths A	RK - 7 [T]	Maths A	SU - 7	Maths A	PS - 8	Maths A	SU - 7 [T]	Maths A		
Sat	Maths B		Maths B		Maths B		Maths B		Maths B	VD - 8	Maths B	VS - 7	Maths B		Maths B			