

Programme Run by BAMKC, GSR

AY 2021-22

Name of Programme		Code of Programme
UG	B.A.	BA
	B.Sc.(Medical)	BSCM
	B.Sc.(Non Medical)	BSCNM
	B. Com.	BCOM
	B.C.A.	BCA
	B.A.B.Ed.	BABED
	B.Sc.B.Ed.	BSCBED
PG	M.A. (History)	MAHIS
	M.Com.	MCOM
	M.Sc.(Chemistry)	MSCCHEM
	M.Sc.(Physics)	MSCPHY
	M.Sc.(Mathematics)	MSCMATH
PG Diploma	PGDCA	PGDCA

Bachelor of Arts

B.A. Semester I

Sr.No.	Name of Courses	University Code	College Code
1.	English Compulsory	ENG	ENG101
2.	Punjabi Compulsory OR	PBC	PBC101
	History and Culture of Punjab	HCP	HCP101
	Choose any three		
3.	Elective English	ENO	ENO101
4.	Elective Hindi	HIN	HIN101
5.	Elective Punjabi	PBI	PBI101
6.	History	HIS	HIS101
7.	Economics	ECO	ECO101
8.	Political Science	POL	POL101
9.	Environment Conservation	ENC	ENC101
10.	Physical Education	PED	PED101
11.	Home Science	HMS	HMS101
12.	Functional English	FNC	FNC101
	Functional English Lab	-----	FNC101L
13.	Paper A(Plane Geometry)	MAT	MAT101A
	Paper B (Calculus-I)		MAT101B
	Paper C (Trigonometry and Matrices)		MAT101C
14.	Computer Science-A (Computer Fundamentals)	CSC	CS101A
	Computer Science-B (PC Software)		CS101B

	Computer Science Lab	-----	CS101L
15.	Music	MUV	MUV101
	Music (Practical)	-----	MUV101L

B.A. Semester II

Sr. No.	Name of Courses	University Code	College Code	
1.	English Compulsory	ENG	ENG201	
2.	Punjabi Compulsory OR	PBC	PBC201	
	History and Culture of Punjab	HCP	HCP201	
	Choose any three			
3.	Elective English	ENO	ENO201	
4.	Elective Hindi	HIN	HIN201	
5.	Elective Punjabi	PBI	PBI201	
6.	History	HIS	HIS201	
7.	Economics	ECO	ECO201	
8.	Political Science	POL	POL201	
9.	Environment Conservation	ENC	ENC201	
	Environment Conservation Lab	-----	ENC121L	
10.	Physical Education	PED	PED201	
	Physical Education (Practical)	PED	PED201L	
11.	Home Science	HMS	HMS201	
	Home Science Lab	-----	HMS121L	
12.	Functional English	FNC	FNC201	
13.	Mathematics	Paper A(Solid Geometry)	MAT	MAT201A
		Paper B(Calculus-II)		MAT201B
		Paper C(Theory of Equations)		MAT201C
14.	Computer Science-A (Operating System Concepts)	CSC		CS201A
	Computer Science-B (C Programming)			CS201B
	Computer Science Lab	-----	CS201L	
15.	Music	MUV	MUV201	
	Music (Practical)	-----	MUV201L	
16.	Environment & Road Safety Education & Violence against Women & Children	ENV	ENV	

B.A. Semester III

Sr. No.	Name of Courses	University Code	College Code
1.	English Compulsory	ENG	ENG301
2.	Punjabi Compulsory OR	PBC	PBC301
	History and Culture of Punjab	HCP	HCP301
	Choose any three		
3.	Elective English	ENO	ENO301
4.	Elective Hindi	HIN	HIN301
5.	Elective Punjabi	PBI	PBI301

6.	History	HIS	HIS301	
7.	Economics	ECO	ECO301	
8.	Political Science	POL	POL301	
9.	Environment Conservation	ENC	ENC301	
10.	Physical Education	PED	PED301	
11.	Home Science	HMS	HMS301	
12.	Functional English	FNC	FNC301	
	Functional English Lab	-----	FNC301L	
13.	Mathematics	Paper A (Advance Calculus-I)	MAT	MAT301A
		Paper B (Differential Equations -I)		MAT301B
		Paper C (Statics)		MAT301C
14.	Computer Science-A (Computer Organization)	CSC	CS301A	
	Computer Science-B (Object Oriented Programming using- C++)		CS301B	
	Computer Science Lab	-----	CS301L	
15.	Music	MUV	MUV301	
	Music (Practical)	-----	MUV301L	

B.A. Semester IV

Sr. No.	Name of Courses	University Code	College Code	
1.	English Compulsory	ENG	ENG401	
2.	Punjabi Compulsory OR	PBC	PBC401	
	History and Culture of Punjab	HCP	HCP401	
	Choose any three			
3.	Elective English	ENO	ENO401	
4.	Elective Hindi	HIN	HIN401	
5.	Elective Punjabi	PBI	PBI401	
6.	History	HIS	HIS401	
7.	Economics	ECO	ECO401	
8.	Political Science	POL	POL401	
	Environment Conservation	ENC	ENC401	
	Environment Conservation Lab	-----	ENC342L	
10.	Physical Education	PED	PED401	
	Physical Education (Practical)	-----	PED401L	
11.	Home Science	HMS	HMS401	
	Home Science Lab	-----	HMS342L	
12.	Functional English	FNC	FNC401	
13.	Mathematics	Paper A (Advance Calculus-II)	MAT	MAT401A
		Paper B (Differential Equations-II)		MAT401B
		Paper C (Dynamics)		MAT401C
14.	Computer Science-A (Database Concepts)	CSC	CS401A	
	Computer Science-B (Data Structures)		CS401B	
	Computer Science Lab	-----	CS401L	
15.	Music	MUV	MUV401	
	Music (Practical)	-----	MUV401L	

B.A. Semester V

Sr. No.	Name of Courses	University Code	College Code
1.	English Compulsory	ENG	ENG501
2.	Punjabi Compulsory OR	PBC	PBC501
	History and Culture of Punjab	HCP	HCP501
	Choose any three		
3.	Elective English	ENO	ENO501
4.	Elective Hindi	HIN	HIN501
5.	Elective Punjabi	PBI	PBI501
6.	History	HIS	HIS501
7.	Economics	ECO	ECO501
8.	Political Science	POL	POL501
9.	Environment Conservation	ENC	ENC501
10.	Physical Education	PED	PED501
11.	Home Science	HMS	HMS501
12.	Functional English	FNC	FNC501
13.	Mathematics	Paper A (Analysis-I)	MAT501A
		Paper B (Modern Algebra)	MAT501B
		Paper C (Probability Theory)	MAT501C
14.	Computer Science-A (Project Management)	CSC	CS501A
	Computer Science-B (Relational Database Management System)		CS501B
	Computer Science Lab	-----	CS501L
15.	Music	MUV	MUV501
	Music (Practical)	-----	MUV501L

B.A. Semester VI

Sr. No.	Name of Courses	University Code	College Code
1.	English Compulsory	ENG	ENG601
2.	Punjabi Compulsory OR	PBC	PBC601
	History and Culture of Punjab	HCP	HCP601
	Choose any three		
3.	Elective English	ENO	ENO601
4.	Elective Hindi	HIN	HIN601
5.	Elective Punjabi	PBI	PBI601
6.	History	HIS	HIS601
7.	Economics	ECO	ECO601
8.	Political Science	POL	POL601
9.	Environment Conservation	ENC	ENC601
	Environment Conservation Lab	-----	ENC563L
10.	Physical Education	PED	PED601
	Physical Education (Practical)	-----	PED601L
11.	Home Science	HMS	HMS601

	Home Science Lab	-----	HMS563L	
12.	Functional English	FNC	FNC601	
	Functional English Lab	-----	FNC601L	
13.	Mathematics	Paper A (Analysis-II)	MAT	MAT601A
		Paper B (Linear Algebra)		MAT601B
		Paper C (Numerical Analysis)		MAT601C
14.	Computer Science-A (E-Commerce)	CSC	CS601A	
	Computer Science-B (Web Programming)		CS601B	
	Computer Science Lab	-----	CS601L	
15.	Music	MUV	MUV601	
	Music (Practical)	-----	MUV601L	

Bachelor of Science(Medical)

B.Sc. Medical Semester I

Sr. No.	Name of Courses		University Code	College Code
1.	Punjabi Compulsory OR		PBC	PBC101
	History & Culture of Punjab		HCP	HCP101
2.	Botany	Paper A (Plant Diversity-I)	BOT	BOT101A
		Paper B (Cell Biology)		BOT101B
3.	Zoology	Paper A (Biodiversity & Cell Biology-I)	ZOO	ZOO101A
		Paper B (Biodiversity & Cell Biology-II)		ZOO101B
4.	Chemistry	Paper I (Inorganic Chemistry-A)	CHM	CHM101A1
		Paper II (Organic Chemistry-A)		CHM101A2
		Paper III (Physical Chemistry-A)		CHM101A3

B.Sc. Medical Semester II

Sr. No.	Name of Courses		University Code	College Code
1.	Punjabi Compulsory OR		PBC	PBC201
	History & Culture of Punjab		HCP	HCP201
2.	Botany	Paper A (Plant Diversity-II)	BOT	BOT201A
		Paper B (Genetics)		BOT201B
		Botany Lab	-----	BOT121L
3.	Zoology	Paper A (Biodiversity & Ecology-I)	ZOO	ZOO201A
		Paper B (Biodiversity & Ecology-II)		ZOO201B
		Zoology Lab	-----	ZOO121L
4.	Chemistry	Paper V (Inorganic Chemistry-B)	CHM	CHM201A1
		Paper VI (Organic Chemistry-B)		CHM201A2
		Paper VII (Physical Chemistry-B)		CHM201A3
		Paper IV & VIII (Lab of Chemistry)	-----	CHM121L
5.	Environment & Road Safety Education & Violence against Women & Children		ENV	ENV

B.Sc. Medical Semester III

Sr. No.	Name of Courses		University Code	College Code
1.	English Compulsory		ENG	ENG301
2.	Botany	Paper A(Diversity of Seed Plants & their systematic-I)	BOT	BOT301A
		Paper B (Structure, Development & Reproduction in flowering plants-I)		BOT301B
3.	Zoology	Paper A (Biodiversity-Chordates & Evolution-I)	ZOO	ZOO301A
		Paper B (Biochemistry & Physiology-I)		ZOO301B
4.	Chemistry	Paper IX (Inorganic Chemistry-A)	CHM	CHM301A1
		Paper X (Organic Chemistry-A)		CHM301A2
		Paper XI (Physical Chemistry-A)		CHM301A3

B.Sc. Medical Semester IV

Sr. No.	Name of Courses		University Code	College Code
1.	English Compulsory		ENG	ENG401
2.	Botany	Paper A (Diversity of Seed Plants & their systematic-II)	BOT	BOT401A
		Paper B (Structure, Development & Reproduction in flowering plants-II)		BOT401B
		Botany Lab	-----	BOT342L
3.	Zoology	Paper A (Biodiversity(Chordates) & Evolution-II)	ZOO	ZOO401A
		Paper B (Biochemistry & Animal Physiology-II)		ZOO401B
		Zoology Lab	-----	ZOO342L
4.	Chemistry	Paper XIII (Inorganic Chemistry-B)	CHM	CHM401A1
		Paper XIV (Organic Chemistry-B)		CHM401A2
		Paper XV (Physical Chemistry-B)		CHM401A3
		Paper XII & XVI (Lab of Chemistry)	-----	CHM342L

B.Sc. Medical Semester V

Sr. No.	Name of Courses		University Code	College Code
1.	Botany	Paper A (Plant Physiology-I)	BOT	BOT501A
		Paper B (Plant Ecology)		BOT501B
2.	Zoology	Paper A (Developmental Biology)	ZOO	ZOO501A
		Paper B (Applied Zoology-I)		ZOO501B
3.	Chemistry	Paper XVII (Inorganic Chemistry-A)	CHM	CHM501A1
		Paper XVIII (Organic Chemistry-A)		CHM501A2
		Paper XIX (Physical Chemistry-A)		CHM501A3

B.Sc. Medical Semester VI

Sr.No.	Name of Courses		University Code	College Code
1.	Botany	Paper A (Plant Physiology-II)	BOT	BOT601A
		Paper B (Economic Botany)		BOT601B
		Botany Lab	-----	BOT563L
2.	Zoology	Paper A (Genetics)	ZOO	ZOO601A
		Paper B (Applied Zoology-II)		ZOO601B
		Zoology Lab	-----	ZOO563L
3.	Chemistry	Paper XXI (Inorganic Chemistry-B)	CHM	CHM601A1
		Paper XXII (Organic Chemistry-B)		CHM601A2
		Paper XXIII (Physical Chemistry-B)		CHM601A3
		Paper XX & XXIV (Lab of Chemistry)	-----	CHM563L

Bachelor of Science (Non-Medical)

B.Sc. Non-Medical Semester I

Sr.No.	Name of Courses		University Code	College Code
1.	Punjabi Compulsory OR		PBC	PBC101
	History & Culture of Punjab		HCP	HCP101
2.	Mathematics	Paper A (Plane Geometry)	MAT	MAT101A
		Paper B (Calculus-I)		MAT101B
		Paper C (Trigonometry and Matrices)		MAT101C
3.	Physics	Paper A (Mechanics-I)	PHY	PHY101A
		Paper B (Vibrations, Waves & E.M. Theory-I)		PHY101B
		Paper C (Electricity & Magnetism-I)		PHY101C
4.	Chemistry	Paper I (Inorganic Chemistry-A)	CHM	CHM101A1
		Paper II (Organic Chemistry-A)		CHM101A2
		Paper III (Physical Chemistry-A)		CHM101A3
	Computer Science-A (Computer Fundamentals)		CSC	CS101A
	Computer Science-B (PC Software)			CS101B
	Computer Science Lab		-----	CS101L
	Environmental Conservation		ENC	ENC101

B.Sc. Non Medical Semester II

Sr. No.	Name of Courses		University Code	College Code
1.	General Punjabi OR		PBC	PBC201
	History & Culture of Punjab		HCP	HCP201
2.	Mathematics	Paper A (Solid Geometry)	MAT	MAT201A
		Paper B (Calculus-II)		MAT201B
		Paper C (Theory of Equations)		MAT201C

3.	Physics	Paper A (Mechanics-II)	PHY	PHY201A
		Paper B (Vibrations, Waves & E.M. Theory-II)		PHY201B
		Paper C (Electricity & Magnetism-II)		PHY201C
		Physics Lab	-----	PHY121L
4.	Chemistry	Paper V (Inorganic Chemistry-B)	CHM	CHM201A1
		Paper VI (Organic Chemistry-B)		CHM201A2
		Paper VII (Physical Chemistry-B)		CHM201A3
		Paper IV & VIII (Lab of Chemistry)	-----	CHM121L
	Computer Science-A (Operating System Concepts)		CSC	CS201A
	Computer Science-B (C Programming)			CS201B
	Computer Science Lab		-----	CS201L
	Environment Conservation		ENC	ENC201
	Environment Conservation Lab		-----	ENC121L
Environment & Road Safety Education & Violence against Women & Children		ENV	ENV	

B.Sc. Non Medical Semester III

Sr. No.	Name of Courses		University Code	College Code
1.	English Compulsory		ENG	ENG301
2.	Mathematics	Paper A (Advance Calculus-I)	MAT	MAT301A
		Paper B (Differential Equations-I)		MAT301B
		Paper C (Statics)		MAT301C
3.	Physics	Paper A (Statistical Physics & Thermodynamics-I)	PHY	PHY301A
		Paper B (Optics & Lasers-I)		PHY301B
		Paper C (Quantum Physics-I)		PHY301C
4.	Chemistry	Paper IX (Inorganic Chemistry-A)	CHM	CHM301A1
		Paper X (Organic Chemistry-A)		CHM301A2
		Paper XI (Physical Chemistry-A)		CHM301A3
	Computer Science-A (Computer Organization)		CSC	CS301A
	Computer Science-B (Object Oriented Programming using- C++)			CS301B
	Computer Science Lab		-----	CS301L
	Environmental Conservation		ENC	ENC301

B.Sc. Non Medical Semester IV

Sr.No.	Name of Courses		University Code	College Code
1.	English Compulsory		ENG	ENG401
2.	Mathematics	Paper A (Advance Calculus-II)	MAT	MAT401A
		Paper B (Differential Equations-II)		MAT401B
		Paper C (Dynamics)		MAT401C
3.	Physics	Paper A (Statistical Physics &	PHY	PHY401A

		Thermodynamics-II)		
		Paper B (Optics & Lasers-II)		PHY401B
		Paper C (Quantum Physics-II)		PHY401C
		Physics Lab	-----	PHY342L
4.	Chemistry	Paper XIII (Inorganic Chemistry-B)	CHM	CHM401A1
		Paper XIV (Organic Chemistry-B)		CHM401A2
		Paper XV (Physical Chemistry-B)		CHM401A3
		Paper XII & XVI (Lab of Chemistry)	-----	CHM342L
	Computer Science-A (Database Concepts)		CSC	CS401A
	Computer Science-B (Data Structures)			CS401B
	Computer Science Lab		-----	CS401L
	Environment Conservation		ENC	ENC401
Environment Conservation Lab		-----	ENC342L	

B.Sc. Non Medical Semester V

Sr. No.	Name of Courses		University Code	College Code
1.	Mathematics	Paper A (Analysis-I)	MAT	MAT501A
		Paper B (Modern Algebra)		MAT501B
		Paper C (Probability Theory)		MAT501C
2.	Physics	Paper A (Condensed Matter Physics-I)	PHY	PHY501A
		Paper B (Electronics & Solid State Devices-I)		PHY501B
		Paper C (Nuclear & Particle Physics-I)		PHY501C
3.	Chemistry	Paper XVII (Inorganic Chemistry-A)	CHM	CHM501A1
		Paper XVIII (Organic Chemistry-A)		CHM501A2
		Paper XIX (Physical Chemistry-A)		CHM501A3
	Computer Science-A (Project Management)		CSC	CS501A
	Computer Science-B (Relational Database Management System)			CS501B
	Computer Science Lab		-----	CS501L
Environmental Conservation		ENC	ENC501	

B.Sc. Non Medical Semester VI

Sr.No.	Name of Courses		University Code	College Code
1.	Mathematics	Paper A (Analysis-II)	MAT	MAT601A
		Paper B (Linear Algebra)		MAT601B
		Paper C (Numerical Analysis)		MAT601C
2.	Physics	Paper A (Condensed Matter Physics-II)	PHY	PHY601A
		Paper B (Electronics & Solid State Devices-II)		PHY601B
		Paper C (Nuclear & Particle Physics-II)		PHY601C
		Physics Lab	-----	PHY563L
3.	Chemistry	Paper XXI (Inorganic Chemistry-B)	CHM	CHM601A1
		Paper XXII (Organic Chemistry-B)		CHM601A2
		Paper XXIII (Physical Chemistry-B)		CHM601A3

	Paper XX & XXIV (Lab of Chemistry)	-----	CHM563L
	Computer Science-A (E-Commerce)	CSC	CS601A
	Computer Science-B (Web Programming)		CS601B
	Computer Science Lab	-----	CS601L
	Environment Conservation	ENC	ENC601
	Environment Conservation Lab	-----	ENC563L

Bachelor of Commerce

B.Com. Semester I

Sr. No.	Name of Courses	University Code	College Code
1.	Punjabi Compulsory OR History and Culture of Punjab-I	BCM101A	BCOM101A
		BCM101B	BCOM101B
2.	English & Business Communication	BCM102	BCOM102
3.	Psychology for Managers	BCM103	BCOM103
4.	Business Economics-I	BCM104	BCOM104
5.	Principles of Financial Accounting	BCM105	BCOM105
6.	Commercial Law	BCM106	BCOM106
7.	Principles & Practices of Management	BCM107	BCOM107

B.Com. Semester II

Sr. No.	Name of Courses	University Code	College Code
1.	Punjabi Compulsory OR History and Culture of Punjab	BCM201A	BCOM201A
		BCM201B	BCOM201B
2.	English & Business Communication	BCM202	BCOM202
	English & Business Communication (Practical)	-----	BCOM202P
3.	E-Commerce	BCM203	BCOM203
4.	Business Economics –II	BCM204	BCOM204
5.	Corporate Accounting	BCM205	BCOM205
6.	Business Laws	BCM206	BCOM206
7.	Human Resource Management	BCM207	BCOM207
8.	Environment & Road Safety Education & Violence against Women & Children	ENV	ENV

B.Com. Semester III

Sr. No.	Name of Courses	University Code	College Code
1.	Issues in Indian Commerce	BCM301	BCOM301
2.	Cost Accounting	BCM302	BCOM302
3.	Company Law	BCM303	BCOM303
4.	Business Mathematics & Statistics	BCM304	BCOM304

5.	Banking and Insurance	BCM305	BCOM305
6.	Goods and Service Tax	BCM306	BCOM306

B.Com. Semester IV

Sr. No.	Name of Courses	University Code	College Code
1.	Security Analysis an Portfolio Management	BCM401	BCOM401
2.	Advanced Accounting	BCM402	BCOM402
3.	Auditing and Secretarial Practice	BCM403	BCOM403
4.	Cost Management	BCM404	BCOM404
5.	Marketing Management	BCM405	BCOM405
6.	Quantitative Techniques & Methods	BCM406	BCOM406

B.Com. Semester V

Sr. No.	Name of Courses	University Code	College Code
1.	Income Tax Law	BCM501	BCOM501
2.	Management Accounting	BCM502	BCOM502
3.	Indian Economy	BCM503	BCOM503
4.	Production And Operation Management	BCM504	BCOM504
5.	Entrepreneurship and Small Business	BCM505	BCOM505
6.	Financial Markets and Services	BCM506	BCOM506

B.Com. Semester VI

Sr. No.	Name of Courses	University Code	College Code
1.	Direct Tax Laws	BCM601	BCOM601
2.	Financial Management	BCM602	BCOM602
3.	Issues in Financial Reporting	BCM603	BCOM603
4.	Social and Business Ethics	BCM604	BCOM604
5.	Operational Research	BCM605	BCOM605
6.	Sectoral Aspects of Indian Economy	BCM606	BCOM606

Bachelor of Computer Applications

B.C.A.Semester I

Sr. No.	Name of Courses	University Code	College Code
1.	English Compulsory – A	BCA-16-101	BCA101
2.	Fundamentals of Mathematical Statistics	BCA-16-102	BCA102
3.	Computer Fundamentals and Computing Software	BCA-16-103	BCA103
4.	Problem Solving Through C	BCA-16-104	BCA104
5.	Lab based on Computer Fundamentals and Computing	BCA-16-105	BCA105

	S/W		
6.	Lab based on Problem Solving Through C	BCA-16-106	BCA106

B.C.A Semester II

Sr. No.	Name of Courses	University Code	College Code
1.	English Compulsory – B	BCA-16-201	BCA201
2.	Computer Organization	BCA-16-202	BCA202
3.	Fundamentals of Web-Programming	BCA-16-203	BCA203
4.	Object Oriented Programming using C++	BCA-16-204	BCA204
5.	Lab based on Fundamentals of Web-Programming	BCA-16-205	BCA205
6.	Lab based on Object Oriented Programming Using C++	BCA-16-206	BCA206
7.	Environment & Road Safety Education & Violence against Women & Children	ENV	ENV

B.C.A Semester III

Sr.No.	Name of Courses	University Code	College Code
1.	Punjabi Compulsory -A	BCA-16-301	BCA301
2.	History & Culture of Punjab -A	BCA-16-302	BCA302
3.	Information System Design and Implementation	BCA-16-303	BCA303
4.	Computer Oriented Numerical Methods	BCA-16-304	BCA304
5.	Data Structure	BCA-16-305	BCA305
6.	Lab based on Computer Oriented Numerical Methods	BCA-16-306	BCA306
7.	Lab based on Data Structure	BCA-16-307	BCA307

B.C.A Semester IV

Sr. No.	Name of Courses	University Code	College Code
1.	Punjabi Compulsory -B	BCA-16-401	BCA401
2.	History & Culture of Punjab - B	BCA-16-402	BCA402
3.	Software Project Management	BCA-16-403	BCA403
4.	Operating System Concepts and Linux	BCA-16-404	BCA404
5.	Database Management System	BCA-16-405	BCA405
6.	Lab based on Operating System Concepts and Linux	BCA-16-406	BCA406
7.	La based on Database Management System	BCA-16-407	BCA407

B.C.A Semester V

Sr. No.	Name of Courses	University Code	College Code
1.	Computer Networks	BCA-16-501	BCA501
2.	Discrete Mathematical Structure	BCA-16-502	BCA502
3.	Java Programming	BCA-16-503	BCA503
4.	Web Application Development Using PHP	BCA-16-504	BCA504
5.	Lab based on Java Programming	BCA-16-505	BCA505
6.	Lab based on Web Application Development	BCA-16-506	BCA506

	using PHP		
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B.C.A Semester VI

Sr. No.	Name of Courses	University Code	College Code
1.	E-Commerce	BCA-16-601	BCA601
2.	Application Development using VB.NET	BCA-16-602	BCA602
3.	Computer Graphics and Multimedia Applications	BCA-16-603	BCA603
4.	Lab based on Computer Graphics and Multimedia Applications	BCA-16-604	BCA604
5.	Major Project and Seminar	BCA-16-605	BCA605

Integrated Course- B.A.B.Ed.

B.A. B.Ed. Semester I

Sr. No.	Name of Courses	University Code	College Code
1.	Education in Emerging Indian Society	EDUC01	BAEDU101
2.	School Organization and Administration	EDUC02	BAEDU102
3.	English Compulsory	ENGC11	ENG101
4.	Punjabi Compulsory OR	PBIC011	PBC101
	History & Culture of Punjab	HCPC11	HCP101
	Any Three of seven(5,6,7)		
5.	Economics	ECOO11	ECO101
6.	Elective English	ENG01	ENO101
7.	Elective Hindi	HINO11	HIN101
8.	History	HISO11	HIS101
9.	Mathematics	MATO11	MAT101
10.	Political Science	POLO11	POL101
11.	ElectivePunjabi	PBIO11	PBI101
12.	School Related Practicum	SRPC11	BAEDU103
13.	Life Skill Training	LSTC11	BAEDU104

B.A. B.Ed. Semester II

Sr. No.	Name of Courses	University Code	College Code
1.	Philosophical & Sociological Foundations of Education	EDUC03	BAEDU201
2.	Psychological Foundations of Education	EDUC04	BAEDU202
3.	English Compulsory	ENGC21	ENG201
4.	Punjabi Compulsory OR	PBIC021	PBC201
	History & Culture of Punjab	HCPC21	HCP201
	Any Three of seven(5,6,7)		
5.	Economics	ECOO21	ECO201
6.	Elective English	ENGO21	ENO201

7.	Elective Hindi	HINO21	HIN201
8.	History	HISO21	HIS201
9.	Maththematics	MATO21	MAT201
10.	Political Science	POLO21	POL201
11.	Elective Punjabi	PBIO21	PBI201
12.	School Related Practicum	SRPC21	BAEDU203
13.	Life Skill Training	LSTC21	BAEDU204
14.	Environment & Road Safety Education & Violence against Women & Children	ENV	ENV

B.A. B.Ed. Semester III

Sr. No.	Name of Courses	University Code	College Code
1.	Human Development	EDUC05	BAEDU301
2.	School Community Participation	EDUC06	BAEDU302
3.	English Compulsory	ENGC32	ENG301
4.	Punjabi Compulsory OR	PBIC032	PBC301
	History & Culture of Punjab	HCPC32	HCP301
	Any Three of seven(5,6,7)		
5.	Economics	ECOO32	ECO301
6.	ElectiveEnglish	ENGO32	ENO301
7.	ElectiveHindi	HINO32	HIN301
8.	History	HISO32	HIS301
9.	Mathematics	MATO32	MAT301
10.	Political Science	POLO32	POL301
11.	ElectivePunjabi	PBIO32	PBI301
12.	School Related Practicum	SRPC32	BAEDU303
13.	Life Skill Training	LSTC32	BAEDU304

B.A.B.Ed. Semester IV

Sr. No.	Name of Courses	University Code	College Code
1.	Curriculum Development & Evaluation	EDUC07	BAEDU401
2.	Guidance And Counseling	EDUC08	BAEDU402
3.	English Compulsory	ENGC42	ENG401
4.	Punjabi Compulsory OR	PBIC042	PBC401
	History & Culture of Punjab	HCPC42	HCP401
	Any Three of seven(5,6,7)		
5.	Economics	ECOO42	ECO401
6.	ElectiveEnglish	ENGO42	ENO401
7.	ElectiveHindi	HINO42	HIN401
8.	History	HISO42	HIS401
9.	Mathematics	MATO42	MAT401
10.	Political Science	POLO42	POL401
11.	Elective Punjabi	PBIO42	PBI401
12.	School Related Practicum	SRPC42	BAEDU403
13.	Life Skill Training	LSTC42	BAEDU404

14.	Pre-internship Programme	PIPC42	BAEDU405
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B.A. B.Ed. Semester V

Sr. No.	Name of Courses	University Code	College Code
1.	Technological Bases of education and Pedagogy	EDUC09	BAEDU501
2.	Health and Yoga Education	EDUC10	BAEDU502
3.	English Compulsory	ENGC53	ENG501
4.	Punjabi Compulsory OR	PBIC053	PBC501
	History & Culture of Punjab	HCPC53	HCP501
Any Three of seven(5,6,7)			
5.	Economics	ECOO53	ECO501
6.	ElectiveEnglish	ENGO53	ENG501
7.	ElectiveHindi	HINO53	HIN501
8.	History	HISO53	HIS501
9.	Mathematics	MATO53	MAT501
10.	Political Science	POLO53	POL501
11.	Elective Punjabi	PBIO53	PBI501
12.	School Related Practicum	SRPC53	BAEDU503
13.	Life Skill Training	LSTC53	BAEDU504

B.A. B.Ed. Semester VI

Sr. No.	Name of Courses	University Code	College Code
1.	Educational research and statistics	EDUC11	BAEDU601
2.	Value Education	EDUC12	BAEDU602
3.	English Compulsory	ENGC63	ENG601
4.	Punjabi Compulsory OR	PBIC063	PBC601
	History & Culture of Punjab	HCPC63	HCP601
Any Three of seven(5,6,7)			
5.	Economics	ECOO63	ECO601
6.	ElectiveEnglish	ENGO63	ENO601
7.	ElectiveHindi	HINO63	HIN601
8.	History	HISO63	HIS601
9.	Mathematics	MATO63	MAT601
10.	Political Science	POLO63	POL601
11.	ElectivePunjabi	PBIO63	PBI601
12.	School Related Practicum	SRPC63	BAEDU603
13.	Life Skill Training	LSTC63	BAEDU604
14.	Pre-internship Programme	PIPC63	BAEDU605

B.A.B.Ed. Semester VII

Sr.No.	Name of Courses	University Code	College Code
1.	Philosophical, Sociological and Political perspective	EDUC13	BAEDU701

2.	The Learner Nature and Development	EDUC14	BAEDU702
3.	Theory of Instructional Technology	EDUC15	BAEDU703
4.	School Management	EDUC16	BAEDU704
5.	Information & Communication Technology (ICT) in Education	EDU17	BAEDU705
	Any Two of Five(6,7)		
6.	Teaching of Social Studies	TMS SST	TSST706
	Teaching of Mathematics	TMS MAT	TMAT707
	Teaching of English	TMS ENG	TENG708
7.	Teaching of Punjabi	TMS PBI	TPBI709
	Teaching of Hindi	TMS HIN	THIN710

B.A.B.Ed. Semester VIII

Sr.No.	Name of Courses	University Code	College Code
1.	Document Analysis	PPIT09	BAEDU800
2.	SWOT Analysis	PPIT10	
3.	Identification Problem Children	PPIT11	
4.	Organization of School Function	PPIT12	
5.	Record Keeping	PPIT13	
6.	Organization of Co-curricular/Cultural Activities in School	PPIT14	
7.	Organization of Morning Assembly in School	PPIT15	
8.	Organization of Awareness Programs in School	PPIT16	
9.	Cleanliness and Beautification of School	PPIT17	
10.	Conducting Carrere Counseling Sessions in School	PPIT18	
11.	Training of Two Life Skills to School Children	PPIT19	
12.	Preparation of Various School Records	PPIT20	
	Supervised Teaching Practice (Two Teaching Subjects)		

Integrated Course- B.Sc. B.Ed.

B.Sc. B.Ed. Semester I

Sr.No.	Name of Courses	University Code	College Code
1.	Education in Emerging Indian Society	EDUC01	BSCEDU101
2.	School Organization and Administration	EDUC02	BSCEDU102
3.	English Compulsory	ENGC11	ENG101
4.	Punjabi Compulsory OR	PBIC011	PBC101
	History & Culture of Punjab	HCPC11	HCP101
Non-Medical			
5.	Mathematics	MATO11	MAT101
6.	Chemistry	CHMO11	CHM101A1
			CHM101A2

		Paper III (Physical Chemistry-A)		CHM101A3
7.	Physics	Paper A (Mechanics-I)	PHY011	PHY101A
		Paper B (Vibrations, Waves & E.M. Theory-I)		PHY101B
		Paper C (Electricity & Magnetism-I)		PHY101C
Medical				
5.	Chemistry	Paper I (Inorganic Chemistry-A)	CHMO11	CHM101A1
		Paper II (Organic Chemistry-A)		CHM101A2
		Paper III (Physical Chemistry-A)		CHM101A3
6.	Botany	BOTO11	BOT101	
7.	Zoology	ZOOO11	ZOO101	
8.	School Related Practicum	SRPO11	BSCEDU103	
9.	Life Skills Training	LSTC11	BSCEDU104	

B.Sc. B.Ed. Semester II

Sr. No.	Name of Courses		University Code	College Code
1.	Philosophical & Sociological Foundations of Education		EDUC03	BSCEDU201
2.	Psychological Foundations of Education		EDUC04	BSCEDU202
3.	English Compulsory		ENGC21	ENG201
4.	Punjabi Compulsory OR		PBIC021	PBC201
	History & Culture of Punjab		HCPC21	HCP201
Non-Medical				
5.	Mathematics		MATO21	MAT201
6.	Chemistry	Paper V (Inorganic Chemistry-B)	CHMO21	CHM201A1
		Paper VI (Organic Chemistry-B)		CHM201A2
		Paper VII (Physical Chemistry-B)		CHM201A3
		Paper IV & VIII (Lab of Chemistry)	-----	CHM121L
7.	Physics	Paper A (Mechanics-II)	PHYO21	PHY201A
		Paper B (Vibrations, Waves & E.M. Theory-II)		PHY201B
		Paper C (Electricity & Magnetism II)		PHY201C
		Physics Lab	-----	PHY121L
Medical				
5.	Chemistry	Paper V (Inorganic Chemistry-B)	CHMO21	CHM201A1
		Paper VI (Organic Chemistry-B)		CHM201A2
		Paper VII (Physical Chemistry-B)		CHM201A3
		Paper IV & VIII (Lab of Chemistry)	-----	CHM121L
6.	Botany	BOTO21	BOT201	
	Botany Lab		BOT121L	
7.	Zoology	ZOOO21	ZOO201	
	Zoology Lab		ZOO121L	
8.	School Related Practicum	SRPO21	BSCEDU203	
9.	Life Skills Training	LSTC21	BSCEDU204	
10.	Environment & Road Safety Education & Violence against Women and Children		ENV	ENV

B.Sc. B.Ed. Semester III

Sr. No.	Name of Courses		University Code	College Code
1.	Human Development		EDUC05	BSCEDU301
2.	School community Participation		EDUC06	BSCEDU302
3.	English Compulsory		ENGC03	ENG301
4.	Punjabi Compulsory OR		PBIC031	PBC301
	History & Culture of Punjab		HCPC31	HCP301
Non-Medical				
5.	Mathematics		MATO31	MAT301
6.	Chemistry	Paper IX (Inorganic Chemistry-A)	CHMO31	CHM301A1
		Paper X (Organic Chemistry-A)		CHM301A2
		Paper XI (Physical Chemistry-A)		CHM301A3
7.	Physics	Paper A (Statistical Physics & Thermodynamics-I)	PHYO31	PHY301A
		Paper B (Optics & Lasers-I)		PHY301B
		Paper C (Quantum Physics-I)		PHY301C
Medical				
5.	Chemistry	Paper IX (Inorganic Chemistry-A)	CHMO31	CHM301A1
		Paper X (Organic Chemistry-A)		CHM301A2
		Paper XI (Physical Chemistry-A)		CHM301A3
6.	Botany		BOTO31	BOT301
7.	Zoology		ZOOO31	ZOO301
8.	School Related Practicum		SRPO31	BSCEDU303
9.	Life Skills Training		LSTC31	BSCEDU304

B.Sc. B.Ed. Semester IV

Sr. No.	Name of Courses		University Code	College Code
1.	Human Development		EDUC07	BSCEDU401
2.	School community Participation		EDUC08	BSCEDU402
3.	English Compulsory		ENGC42	ENG401
4.	Punjabi Compulsory OR		PBIC042	PBC401
	History & Culture of Punjab		HCPC42	HCP401
Non-Medical				
5.	Mathematics		MATO42	MAT401
6.	Chemistry	Paper XIII (Inorganic Chemistry-B)	CHMO42	CHM401A1
		Paper XIV (Organic Chemistry-B)		CHM401A2
		Paper XV (Physical Chemistry-B)		CHM401A3
		Paper XII & XVI(Lab of Chemistry)	-----	CHM342L

7.	Physics	Paper A (Statistical Physics & Thermodynamics-II)	PHYO42	PHY401A
		Paper B (Optics & Lasers-II)		PHY401B
		Paper C (Quantum Physics-II)		PHY401C
		Physics Lab	-----	PHY342L
Medical				
5.	Chemistry	Paper XIII (Inorganic Chemistry-B)	CHMO42	CHM401A1
		Paper XIV (Organic Chemistry-B)		CHM401A2
		Paper XV (Physical Chemistry-B)		CHM401A3
		Paper XII & XVI (Lab of Chemistry)	-----	CHM342L
6.	Botany	BOTO42	BOT401	
	Botany Lab		BOT342L	
7.	Zoology	ZOOO42	ZOO401	
	Zoology Lab		ZOO342L	
8.	School Related Practicum	SRPO42	BSCEDU403	
9.	Life Skills Training	LSTC42	BSCEDU404	
10.	Pre-Internship Programme	PIPC42	BSCEDU405	

B.Sc. B.Ed. Semester V

Sr. No.	Name of Courses		University Code	College Code
1.	Technological Bases of Education And pedagogy		EDUC09	BSCEDU501
2.	Health and Yoga Education		EDUC10	BSCEDU502
3.	English Compulsory		ENGC53	ENG501
4.	Punjabi Compulsory OR		PBIC053	PBC501
	History & Culture of Punjab		HCPC53	HCP501
Non-Medical				
5.	Mathematics		MATO53	MAT501
6.	Chemistry	Paper XVII (Inorganic Chemistry-A)	CHEO53	CHM501A1
		Paper XVIII (Organic Chemistry-A)		CHM501A2
		Paper XIX (Physical Chemistry-A)		CHM501A3
7.	Physics	Paper A (Condensed Matter Physics-I)	PHYO53	PHY501A
		Paper B (Electronics & Solid State Devices-I)		PHY501B
		Paper C (Nuclear & Particle Physics-I)		PHY501C
Medical				
5.	Chemistry	Paper XVII (Inorganic Chemistry-A)	CHEO53	CHM501A1
		Paper XVIII (Organic Chemistry-A)		CHM501A2
		Paper XIX (Physical Chemistry-A)		CHM501A3
6.	Botany		BOTO53	BOT501
7.	Zoology		ZOOO53	ZOO501
8.	School Related Practicum		SRPO53	BSCEDU503
9.	Life Skills Training		LSTC53	BSCEDU504

B.Sc. B.Ed. Semester VI

Sr. No.	Name of Courses		University Code	College Code
1.	Education Research and Statistics		EDUC11	BSCEDU601
2.	Value Education		EDUC12	BSCEDU602
3.	English Compulsory		ENGC63	ENG601
4.	Punjabi Compulsory OR		PBIC063	PBC601
	History & Culture of Punjab		HCPC63	HCP601
Non-Medical				
5.	Mathematics		MATO63	MAT601
6.	Chemistry	Paper XXI (Inorganic Chemistry-B)	CHEO63	CHM601A1
		Paper XXII (Organic Chemistry-B)		CHM601A2
		Paper XXIII (Physical Chemistry-B)		CHM601A3
		Paper XX & XXIV (Lab of Chemistry)		CHM563L
7.	Physics	Paper A (Condensed Matter Physics-II)	PHYO63	PHY601A1
		Paper B (Electronics & Solid State Devices-II)		PHY601A2
		Paper C (Nuclear & Particle Physics-II)		PHY601A3
		Physics Lab		PHY563L
Medical				
5.	Chemistry	Paper XXI (Inorganic Chemistry-B)	CHEO63	CHM601A1
		Paper XXII (Organic Chemistry-B)		CHM601A2
		Paper XXIII (Physical Chemistry-B)		CHM601A3
		Paper XX & XXIV (Lab of Chemistry)		CHM563L
6.	Botany	BOTO63	BOT601	
	Botany Lab		BOT563L	
7.	Zoology	ZOOO63	ZOO601	
	Zoology Lab		ZOO563L	
8.	School Related Practicum		SRPO63	BSCEDU603
9.	Life Skills Training		LSTC63	BSCEDU604
10.	Pre-Internship Programme		PIPC63	BSCEDU605

B.Sc. B.Ed. Semester VII

Sr.No.	Name of Courses	University Code	College Code
1.	Philosophical, Sociological and Political Perspective	EDUC13	BSCEDU701
2.	The Learner Nature and Development	EDUC14	BSCEDU702
3.	Theory of Instructional Technology	EDUC15	BSCEDU703
4.	School Management	EDUC16	BSCEDU704
5.	Information & Communication Technology in Education	EDU17	BSCEDU705
Non-Medical & Medical			
6.	Teaching of Science	TMS SST	TSCI706
Non- Medical			

7.	Teaching of Mathematics	TMS MAT	TMAT707
	Medical (Any one of Three)		
8.	Teaching of English	TMS ENG	TENG708
	Teaching of Punjabi	TMS PBI	TPBI709
	Teaching of Hindi	TMS HIN	THIN710

B.Sc. B.Ed. Semester VIII

Sr.No.	Name of Courses	University Code	College Code
1.	Document Analysis	PPIT09	BSCEDU800
2.	SWOT Analysis	PPIT10	
3.	Identification Problem Children	PPIT11	
4.	Organization of School Function	PPIT12	
5.	Record Keeping	PPIT13	
6.	Organization of Co-curricular/Cultural Activities in School	PPIT14	
7.	Organization of Morning Assembly in School	PPIT15	
8.	Organization of Awareness Programs in School	PPIT16	
9.	Cleanliness and Beautification of School	PPIT17	
10.	Conducting Carrere Counseling Sessions in School	PPIT18	
11.	Training of Two Life Skills to School Children	PPIT19	
12.	Preparation of Various School Records	PPIT20	
13.	Supervised Teaching Practice(Two Teaching Subjects)		

Master of Commerce

M.Com. Semester I

Sr.No.	Name of Courses	University Code	College Code
1.	Managerial Economics	MC101	MCOM101
2.	Quantitative Methods for Business	MC102	MCOM102
3.	Modern Accounting Theory & Reporting Practices	MC103	MCOM103
4.	Organisation Theory and Behaviour	MC104	MCOM104
5.	Marketing Management	MC105	MCOM105
6.	Management Information System	MC106	MCOM106
7.	Workshop on IT Applications in Commerce	MC107	MCOM107

M.Com. Semester II

Sr.No.	Name of Courses	University Code	College Code
1.	Business Environment	MC201	MCOM201
2.	Research Methodology in Commerce	MC202	MCOM202

3.	Financial Management and Policy	MC203	MCOM203
4.	Production and Materials Management	MC204	MCOM204
5.	Operations Research	MC205	MCOM205
6.	Business Policy & Strategic Management	MC206	MCOM206
7.	Summer Training Report and Viva - Voce	MC207	MCOM207

M.Com. Semester III

Sr.No.	Name of Courses	University Code	College Code
1.	Business Performance Measurement	MC301	MCOM301
2.	Tax Planning and Management	MC302	MCOM302
3.	Integrated Marketing Communication & Brand Equity	MC303	MCOM303
4.	Marketing Research	MC304	MCOM304
5.	Strategic Cost Management	MC309	MCOM305
6.	International Accounting	MC310	MCOM306
7.	Workshop on Financial Markets & Instruments	MC315	MCOM307

M.Com. Semester IV

Sr.No.	Name of Courses	University Code	College Code
1.	Project Planning and Control	MC401	MCOM401
2.	Knowledge Management	MC402	MCOM402
3.	Business Ethics and Corporate Governance	MC403	MCOM403
4.	Advanced Corporate Accounting	MC413	MCOM404
5.	Security Analysis and Portfolio Management	MC414	MCOM405
6.	Advanced Auditing	MC415	MCOM406
7.	Comprehensive Viva-Voce	MC422	MCOM407

M.A. (History)

M.A. (History) Semester I

Sr.No.	Name of Courses	University Code	College Code
1.	The Punjab (Mid 15 th to 17 th Centuries)	HIS111	MAHIS101
2.	Ancient India -An Overview	HIS231	MAHIS102
3.	Medieval India - Political Processes	HIS221	MAHIS103
4.	Modern India – Political Processes	HIS211	MAHIS104

M.A. (History) Semester II

Sr.No.	Name of Courses	University Code	College Code
1.	Punjab in 18 th Century(Compulsory)	HIS125	MAHIS201
2.	Opt.iii: Agrarian Economy of Modern India	HIS711	MAHIS202
3.	Opt.i: U.S.A (1820-1973)	HIS812	MAHIS203
4.	Opt.ii: China And Japan (1840-1950)	HIS844	MAHIS204

M.A.(History) Semester III

Sr.No.	Name of Courses	University Code	College Code
1.	Punjab in 19 th Century(Compulsory)	HIS123	MAHIS301
2.	Opt.iv : Rise and growth of Colonialism in India	HIS412	MAHIS302
3.	Opt.iv : Gender Relation in Modern India	HIS601	MAHIS303
4.	Opt.I : Constitutional Development in Modern India	HIS213	MAHIS304

M.A.(History) Semester IV

Sr.No.	Name of Courses	University Code	College Code
1.	Punjab in the 20 th Century (Compulsory)	HIS126	MAHIS401
2.	Opt.ii : History and Historical Method	HIS912	MAHIS402
3.	Opt. iii : Religious Development in Medieval India	HIS428	MAHIS403
4.	Opt.vii : Peasant movement in Modern India	HIS467	MAHIS404

M.Sc. Mathematics

M.Sc. (Mathematics) Semester I

Sr.No.	Name of Courses	University Code	College Code
1.	Real Analysis-I	MATH-601S	MSMATH101
2.	Algebra-I	MATH-602S	MSMATH102
3.	Differential Equations	MATH-603S	MSMATH103
4.	Complex Analysis-I	MATH-604S	MSMATH104
5.	Number Theory-I	MATH-605S	MSMATH105

M.Sc. (Mathematics) Semester II

Sr.No.	Name of Courses	University Code	College Code
1.	Real Analysis-II	MATH-621S	MSMATH201
2.	Algebra-II	MATH-622S	MSMATH202
3.	Vector Analysis and Mechanics	MATH-623S	MSMATH203
4.	Complex Analysis-II	MATH-624S	MSMATH204
5.	Number Theory-II	MATH-625S	MSMATH205

M.Sc. (Mathematics) Semester III

Sr.No.	Name of Courses	University Code	College Code
1.	Field Theory(Compulsory course)	MATH-617S	MSMATH301
2.	Topology(Compulsory Course)	MATH-618S	MSMATH302

Any three optional papers to be chosen from all of following papers :			
3.	Probability and Mathematical Statistics-I	MATH-661S	MSMATH303
4.	Computational Techniques-I	MATH-672S	MSMATH304
5.	Differential Geometry-I	MATH-673S	MSMATH305
6.	Elasticity-I	MATH-674S	MSMATH306
7.	Special Functions	MATH-675S	MSMATH307
8.	Fluid Mechanics-I	MATH-676S	MSMATH308
9.	Linear Programming	MATH-678S	MSMATH309

M.Sc. (Mathematics) Semester IV

Sr.No.	Name of Courses	University Code	College Code
1.	Linear Algebra(Compulsory Course)	MATH-637S	MSMATH401
2.	Functional Analysis(Compulsory Course)	MATH-638S	MSMATH402
Any three optional papers to be chosen from all of following papers			
3.	Probability and Mathematical Statistics-II	MATH-681S	MSMATH403
4.	Computational Techniques-II	MATH-692S	MSMATH404
5.	Differential Geometry-II	MATH-693S	MSMATH405
6.	Elasticity-II	MATH-694S	MSMATH406
7.	Integral Transforms and Their Applications	MATH-695S	MSMATH407
8.	Fluid Mechanics-II	MATH-696S	MSMATH408
9.	Non Linear programming	MATH-688S	MSMATH409
10.	Geometry Numbers-II	MATH-700S	MSMATH410

M.Sc. Chemistry

M.Sc. (Chemistry) Semester I

Sr.No.	Name of Courses	University Code	College Code
1.	Inorganic Chemistry 1	CH-411	MSCHEM101
2.	Organic Chemistry 1	CH-412	MSCHEM102
3.	Physical Chemistry 1	CH-413	MSCHEM103
4.	(a) Mathematics for Chemists	CH-414	MSCHEM104
	(b) Biology for Chemists		
	(c) Computer for Chemists		
5.	Laboratory Course(Inorganic Chemistry)	CH-415	MSCHEM105
6.	Laboratory Course(Organic Chemistry)	CH-416	MSCHEM106
7.	Laboratory Course(Physical Chemistry)	CH-417	MSCHEM107

M.Sc. (Chemistry) Semester II

Sr.No.	Name of Courses	University Code	College Code
1.	Inorganic Chemistry 1	CH-421	MSCHEM201
2.	Organic Chemistry 1	CH-422	MSCHEM202

3.	Physical Chemistry 1	CH-423	MSCHEM203
4.	Group Theory, Spectroscopy and Diffraction Methods	CH-424	MSCHEM204
5.	Laboratory Course(Inorganic Chemistry)	CH-425	MSCHEM205
6.	Laboratory Course(Organic Chemistry)	CH-426	MSCHEM206
7.	Laboratory Course(Physical Chemistry)	CH-427	MSCHEM207

M.Sc. (Chemistry) Semester III

Sr.No.	Name of Courses	University Code	College Code
1.	Applications of Spectroscopy	CH-511	MSCHEM301
2.	Organotransition Metal Chemistry	CH-512	MSCHEM302
3.	Heterocyclic Chemistry	CH-513	MSCHEM303
4.	Environmental Chemistry	CH-514	MSCHEM304
5.	Laboratory Course(Inorganic Chemistry)	CH-515	MSCHEM305
6.	Laboratory Course(Organic Chemistry)	CH-516	MSCHEM306
7.	Laboratory Course(Physical Chemistry)	CH-517	MSCHEM307

M.Sc. (Chemistry) Semester IV

Sr.No.	Name of Courses	University Code	College Code
1.	Biophysical Chemistry	CH-521	MSCHEM401
2.	Organic Synthesis-I	CH-522	MSCHEM402
3.	Chemistry of Natural Products	CH-523	MSCHEM403
4.	Photo Chemistry and Solid State Chemistry	CH-524	MSCHEM404
5.	Laboratory Course(Inorganic Chemistry)	CH-525	MSCHEM405
6.	Laboratory Course(Organic Chemistry)	CH-526	MSCHEM406
7.	Laboratory Course(Physical Chemistry)	CH-527	MSCHEM407

M.Sc. Physics

M.Sc. (Physics) Semester I

Sr.No.	Name of Courses	University Code	College Code
1.	Mathematical Physics I	PHY8011	MSPHY101
2.	Classical Mechanics	PHY8012	MSPHY102
3.	Quantum Mechanics I	PHY8013	MSPHY103
4.	Electronics I	PHY8014	MSPHY104
5.	Physics Laboratory I	PHY8015	MSPHY105
6.	Computational Physics I	PHY8016	MSPHY106

M.Sc. (Physics) Semester II

Sr.No.	Name of Courses	University Code	College Code
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1.	Mathematical Physics II	PHY 8021	MSPHY201
2.	Statistical Mechanics	PHY 8022	MSPHY202
3.	Classical Electrodynamics I	PHY 8023	MSPHY203
4.	Electronics II	PHY 8024	MSPHY204
5.	Physics Laboratory II	PHY 8025	MSPHY205
6.	Computational Physics II	PHY 8026	MSPHY206

M.Sc. (Physics) Semester III

Sr.No.	Name of Courses	University Code	College Code
1.	Nuclear Physics I	PHY 8031	MSPHY301
2.	Particle Physics I	PHY 8032	MSPHY302
3.	Condensed Matter Physics I	PHY 8033	MSPHY303
4.	Classical Electrodynamics II	PHY 8034	MSPHY304
5.	Quantum Mechanics II	PHY 8035	MSPHY305
6.	Physics Laboratory III & Industrial Visit	PHY 8036	MSPHY306

M.Sc. (Physics) Semester IV

Sr.No.	Name of Courses	University Code	College Code
1.	Experimental Techniques in Physics	PHY 8041	MSPHY401
2.	Atomic and Molecular physics	PHY 8042	MSPHY402
3.	Physical Laboratory IV & Project Work	PHY 8043	MSPHY403
Special Paper (Any two of the Following)			
4.	Nuclear Physics II	PHY 8044	MSPHY404
5.	Particle Physics II	PHY 8045	MSPHY405
6.	Condensed Matter Physics II	PHY 8046	MSPHY406

PGDCA

PGDCA Semester I

Sr.No.	Name of Courses	University Code	College Code
1.	Computer Fundamentals	PGD1101	PGDCA101
2.	Computer Programming Using C	PGD1102	PGDCA102
3.	Database Management System	PGD1103	PGDCA103
4.	Data Communications & Networks	PGD1104	PGDCA104
5.	Lab(Based on PGD1101 & 1102)	PGD1105	PGDCA105
6.	Lab(Based on PGD1103)	PGD1106	PGDCA106

PGDCA Semester II

Sr.No.	Name of Courses	University Code	College Code
1.	Object Oriented Concepts Using JAVA	PGD2101	PGDCA201
2.	Web Technologies	PGD2102	PGDCA202

3.	Software Engineering	PGD2103	PGDCA203
4.	Computer Based Accounting	PGD2104	PGDCA204
5.	Lab (Based on PGD2101)	PGD2105	PGDCA205
6.	Lab (Based on PGD2102)	PGD2106	PGDCA206
7.	Project	PGD2107	PGDCA207