

SRI GURU TEGH BAHADUR KHALSA COLLEGE

(University of Delhi)

Choice Based Credit System (CBCS)

Course : B.A. (Hons.) English IInd Year

Semester : IVth

Course Code : 511

1. Core Course: (Compulsory):

Paper No.	Paper Name	Paper Code
ENC-401	British Literature: 18 th Century	12031401
ENC-402	British Romantic Literature	12031402
ENC-403	British Literature: 19 th Century	12031403

2. Skill Enhancement Elective Course – (Compulsory) :

Paper No.	Paper Name	Paper Code
SEC	Modes of Creative Writing Poetry: Fiction & Drama	12033914

3. Generic Electives – IV : (Interdisciplinary)

(Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
GE-4	HINDI – Hindi Ka Vaisvik Pridrishya	12055401
GE-4	PUNJABI – Punjabi Novel and Functional Punjabi	12125905
GE-4	ECONOMICS – Indian Economy-II	12275401
GE-4	HISTORY – Religion and Religiosity (NC)	12315405
GE-4	POLITICAL SCIENCE – United Nations and Global Conflicts	12325908
GE-4	COMMERCE – Insurance and risk management	22415403
GE-4	BUSINESS ECONOMICS – Fundamentals of Finance for Business	12485908
GE-4	CHEMISTRY – Molecules of life	32175912
GE-4	ELECTRONICS – Practical Electronics	32515910
GE-4	MATHEMATICS – Numerical Methods (With practicals)	32355402
GE-4	MATHEMATICS – Element of Analysis	32355444
GE-4	PHYSICAL EDUCATION – Fitness & Exercise Management	12555423
GE-4	PHYSICS – Thermal Physics & Statistical Mechanics	32225415
GE-4	ZOOLOGY – Animal Cell Biotechnology	32235901
GE-4	BOTANY – No option available...	.
GE-4	Computer Science – Information Security and Cyber laws	32345402

SRI GURU TEGH BAHADUR KHALSA COLLEGE

(University of Delhi)

Choice Based Credit System (CBCS)

Course : B.A. (Hons.) Hindi IInd Year
Semester : IVth
Course Code : 516

1. Core Course: (Compulsory):

Paper No.	Paper Name	Paper Code
HNC-401	Bhartiya Kavyashastra	12051401
HNC-402	Hindi Kavita (Chhayawad ke bad)	12051402
HNC-403	Hindi Upanyas	12051403

2. Skill Enhancement Elective Course – (Compulsory) :

Paper No.	Paper Name	Paper Code
SEC	Bhasha aur Samaj	12053407

3. Generic Electives – IV : (Interdisciplinary)

(Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
GE-4	ENGLISH – Comic Books and Graphic Novels	12035912
GE-4	PUNJABI – Punjabi Novel and Functional Punjabi	12125905
GE-4	ECONOMICS – Indian Economy-II	12275401
GE-4	HISTORY – Religion and Religiosity (NC)	12315405
GE-4	POLITICAL SCIENCE – United Nations and Global Conflicts	12325908
GE-4	COMMERCE – Insurance and risk management	22415403
GE-4	BUSINESS ECONOMICS – Fundamentals of Finance for Business	12485908
GE-4	CHEMISTRY – Molecules of life	32175912
GE-4	ELECTRONICS – Practical Electronics	32515910
GE-4	MATHEMATICS – Numerical Methods (With practicals)	32355402
GE-4	MATHEMATICS – Element of Analysis	32355444
GE-4	PHYSICAL EDUCATION – Fitness & Exercise Management	12555423
GE-4	PHYSICS – Thermal Physics & Statistical Mechanics	32225415
GE-4	ZOOLOGY – Animal Cell Biotechnology	32235901
GE-4	BOTANY – No option available...	.
GE-4	Computer Science – Information Security and Cyber laws	32345402

SRI GURU TEGH BAHADUR KHALSA COLLEGE

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Choice Based Credit System (CBCS)

Course : B.A. (Hons.) Punjabi IInd Year

Semester : IVth

Course Code : 524

1. Core Course: (Compulsory):

Paper No.	Paper Name	Paper Code
PNC401	Medieval Narrative Poetry	12121401
PNC402	Punjabi Language, Script and Grammar	12121402
PNC403	Punjabi Drama and One-Act Play	12121403

2. Skill Enhancement Elective Course – (Compulsory) :

Paper No.	Paper Name	Paper Code
SEC	Learning skill of Translation	12123902

3. Generic Electives – IV : (Interdisciplinary)

(Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
GE-4	ENGLISH – Comic Books and Graphic Novels	12035912
GE-4	HINDI – Hindi Ka Vaisvik Pridrishya	12055401
GE-4	ECONOMICS – Indian Economy-II	12275401
GE-4	HISTORY – Religion and Religiosity (NC)	12315405
GE-4	POLITICAL SCIENCE – United Nations and Global Conflicts	12325908
GE-4	COMMERCE – Insurance and risk management	22415403
GE-4	BUSINESS ECONOMICS – Fundamentals of Finance for Business	12485908
GE-4	CHEMISTRY – Molecules of life	32175912
GE-4	ELECTRONICS – Practical Electronics	32515910
GE-4	MATHEMATICS – Numerical Methods (With practicals)	32355402
GE-4	MATHEMATICS – Element of Analysis	32355444
GE-4	PHYSICAL EDUCATION – Fitness & Exercise Management	12555423
GE-4	PHYSICS – Thermal Physics & Statistical Mechanics	32225415
GE-4	ZOOLOGY – Animal Cell Biotechnology	32235901
GE-4	BOTANY – No option available...	.
GE-4	Computer Science – Information Security and Cyber laws	32345402

SRI GURU TEGH BAHADUR KHALSA COLLEGE

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Choice Based Credit System (CBCS)

Course : B.A. (Hons.) Economics IInd Year
Semester : IVth
Course Code : 510

1. Core Course: (Compulsory):

Paper No.	Paper Name	Paper Code
ECC-401	Intermediate Microeconomics – II	12271401
ECC-402	Intermediate Macroeconomics – II	12271402
ECC-403	Introductory Econometrics	12271403

2. Skill Enhancement Elective Course – (Compulsory) :

Paper No.	Paper Name	Paper Code
SEC	Contemporary Economic Issues	12273403

3. Generic Electives – IV : (Interdisciplinary)

(Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
GE-4	ENGLISH – Comic Books and Graphic Novels	12035912
GE-4	HINDI – Hindi Ka Vaisvik Pridrishya	12055401
GE-4	PUNJABI – Punjabi Novel and Functional Punjabi	12125905
GE-4	HISTORY – Religion and Religiosity (NC)	12315405
GE-4	POLITICAL SCIENCE – United Nations and Global Conflicts	12325908
GE-4	COMMERCE – Insurance and risk management	22415403
GE-4	BUSINESS ECONOMICS – Fundamentals of Finance for Business	12485908
GE-4	CHEMISTRY – Molecules of life	32175912
GE-4	PHYSICS – Thermal Physics & Statistical Mechanics	32225415
GE-4	ELECTRONICS – Practical Electronics	32515910
GE-4	MATHEMATICS – Numerical Methods (With practicals)	32355402
GE-4	MATHEMATICS – Element of Analysis	32355444
GE-4	PHYSICAL EDUCATION – Fitness & Exercise Management	12555423
GE-4	PHYSICS – Thermal Physics & Statistical Mechanics	32225415
GE-4	ZOOLOGY – Animal Cell Biotechnology	32235901
GE-4	BOTANY – No option available...	.
GE-4	Computer Science – Information Security and Cyber laws	32345402

SRI GURU TEGH BAHADUR KHALSA COLLEGE

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Choice Based Credit System (CBCS)

Course : B.A. (Hons.) History IInd Year
Semester : IVth
Course Code : 518

1. Core Course: (Compulsory):

Paper No.	Paper Name	Paper Code
HSC-401	Rise of Modern West-II (NC)	12311405
HSC-402	History of India-V (c.1500-1600) (NC)	12311406
HSC-403	History of India -VI (c.1750-1857) (NC)	12311407

2. Skill Enhancement Elective Course – (Compulsory) :

Paper No.	Paper Name	Paper Code
SEC	Understanding Popular Culture (NC)	12313406

3. Generic Electives – IV : (Interdisciplinary)

(Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
GE-4	ENGLISH – Comic Books and Graphic Novels	12035912
GE-4	HINDI – Hindi Ka Vaisvik Pridrishya	12055401
GE-4	PUNJABI – Punjabi Novel and Functional Punjabi	12125905
GE-4	ECONOMICS – Indian Economy-II	12275401
GE-4	POLITICAL SCIENCE – United Nations and Global Conflicts	12325908
GE-4	COMMERCE – Insurance and risk management	22415403
GE-4	BUSINESS ECONOMICS – Fundamentals of Finance for Business	12485908
GE-4	CHEMISTRY – Molecules of life	32175912
GE-4	ELECTRONICS – Practical Electronics	32515910
GE-4	MATHEMATICS – Numerical Methods (With practicals)	32355402
GE-4	MATHEMATICS – Element of Analysis	32355444
GE-4	PHYSICAL EDUCATION – Fitness & Exercise Management	12555423
GE-4	PHYSICS – Thermal Physics & Statistical Mechanics	32225415
GE-4	ZOOLOGY – Animal Cell Biotechnology	32235901
GE-4	BOTANY – No option available...	.
GE-4	Computer Science – Information Security and Cyber laws	32345402

SRI GURU TEGH BAHADUR KHALSA COLLEGE

(University of Delhi)

Choice Based Credit System (CBCS)

Course : B.A. (Hons.) Political Science IInd Year
Semester : IVth
Course Code : 527

1. Core Course: (Compulsory):

Paper No.	Paper Name	Paper Code
PLC-401	Political Processes and Institutions in Comparative Perspective	12321401
PLC-402	Public Policy and Administration in India	12321402
PLC-403	Global Politics	12321403

2. Skill Enhancement Elective Course – (Compulsory) :

Paper No.	Paper Name	Paper Code
SEC	Legislative Practices & Procedures	12323903

3. Generic Electives – IV : (Interdisciplinary) (Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
GE-4	ENGLISH – Comic Books and Graphic Novels	12035912
GE-4	HINDI – Hindi Ka Vaisvik Pridrishya	12055401
GE-4	PUNJABI – Punjabi Novel and Functional Punjabi	12125905
GE-4	ECONOMICS – Indian Economy-II	12275401
GE-4	HISTORY – Religion and Religiosity (NC)	12315405
GE-4	COMMERCE – Insurance and risk management	22415403
GE-4	BUSINESS ECONOMICS – Fundamentals of Finance for Business	12485908
GE-4	CHEMISTRY – Molecules of life	32175912
GE-4	ELECTRONICS – Practical Electronics	32515910
GE-4	MATHEMATICS – Numerical Methods (With practicals)	32355402
GE-4	MATHEMATICS – Element of Analysis	32355444
GE-4	PHYSICAL EDUCATION – Fitness & Exercise Management	12555423
GE-4	PHYSICS – Thermal Physics & Statistical Mechanics	32225415
GE-4	ZOOLOGY – Animal Cell Biotechnology	32235901
GE-4	BOTANY – No option available...	.
GE-4	Computer Science – Information Security and Cyber laws	32345402

SRI GURU TEGH BAHADUR KHALSA COLLEGE

(University of Delhi)

Choice Based Credit System (CBCS)

Course : B.A. (Prog.) IInd Year
Semester : IVth
Course Code : 501

1. Language Course: (Compulsory)

Paper No.	Paper Name	Paper Code
LC	English Language Through Literature (English – A)	62031901

2. Skill Enhancement Elective Course :

(Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
SEC (P)	ENGLISH – Introduction to Creative Writing for Media	12033912
SEC (P)	ECONOMICS – Research Methodology	62273426
SEC (P)	POLITICAL SCIENCE – Public Opinion and Survey Research	62323412
SEC (P)	HINDI - Vigyanpan aur Hindi Bhasha	62053408
SEC (P)	PUNJABI – No option available...	
SEC (P)	HISTORY – History and Archaeology	62313465

3. Discipline Course:

(Students are advised to take ANY TWO of the following)

Paper No.	Paper Name	Paper Code
DC	ECONOMICS - Principles of Macroeconomics – II	62274403
DC	HISTORY - History of India (c.1700 to 1950) (NC)	62314402
DC	MATHEMATICS – Analysis	62354443
DC	POLITICAL SCIENCE - Introduction to International Relations	62324407
DC	MUSIC – Theory of Indian Music: Medieval Granthas & Contribution of Musicians & Musicologists	62444404

SRI GURU TEGH BAHADUR KHALSA COLLEGE

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Choice Based Credit System (CBCS)

Course : B.Com. (Hons.) IInd Year

Semester : IVth

Course Code : 504

1. Core Course: (Compulsory):

Paper No.	Paper Name	Paper Code
CMC-401	Cost Accounting	22411401
CMC-402	Business Mathematics	22411402
CMC-403	Computer Applications in Business (with Practical)	22411403

2. Skill Enhancement Elective Course :

(Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
SEC	Leadership & Team Development	22413411
SEC	Collective Bargaining and Negotiation Skills	22413406

3. Generic Electives – IV : (Interdisciplinary)

(Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
GE-4	ENGLISH – Comic Books and Graphic Novels	12035912
GE-4	HINDI – Hindi Ka Vaisvik Pridrisha	12055401
GE-4	PUNJABI – Punjabi Novel and Functional Punjabi	12125905
GE-4	ECONOMICS – Indian Economy-II	12275401
GE-4	HISTORY – Religion and Religiosity (NC)	12315405
GE-4	POLITICAL SCIENCE – United Nations and Global Conflicts	12325908
GE-4	BUSINESS ECONOMICS – Fundamentals of Finance for Business	12485908
GE-4	CHEMISTRY – Molecules of life	32175912
GE-4	ELECTRONICS – Practical Electronics	32515910
GE-4	MATHEMATICS – Numerical Methods (With practicals)	32355402
GE-4	MATHEMATICS – Element of Analysis	32355444
GE-4	PHYSICAL EDUCATION – Fitness & Exercise Management	12555423
GE-4	PHYSICS – Thermal Physics & Statistical Mechanics	32225415
GE-4	ZOOLOGY – Animal Cell Biotechnology	32235901
GE-4	BOTANY – No option available...	.
GE-4	Computer Science – Information Security and Cyber laws	32345402

SRI GURU TEGH BAHADUR KHALSA COLLEGE

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Choice Based Credit System (CBCS)

Course : B.Com. (Prog.) IInd Year
Semester : IVth
Course Code : 503

1. Core Course: (Compulsory):

Paper No.	Paper Name	Paper Code
CMPC-401	Corporate Accounting	52414403
CMPC-402	Cost Accounting	52414404

2. Language-3:

(Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
LC-PNB – 2B	Ethics Literature Responses and Functional Punjabi	52121403
LC-PNB – 2C	Punjabi Auto-Biography and Functional Punjabi	52121404
LC-HNA	Hindi-A : (Hindi Gadhya Uddbhav aur Vikas)	52051407
LC-HNB	Hindi-B : (Hindi Gadhya ka Uddbhav aur Vikas)	52051416
LC-POL	Politics of Globalization (for foreign & North East Students)	52321423

3. Skill Enhancement Elective Course :

(Compulsory):

Paper No.	Paper Name	Paper Code
SEC	E-Commerce	52413401

SRI GURU TEGH BAHADUR KHALSA COLLEGE

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Choice Based Credit System (CBCS)

Course : B.Sc. (Hons.) Zoology IInd Year

Semester : IVth

Course Code : 569

1. Core Course: (Compulsory):

Paper No.	Paper Name	Paper Code
ZOC-401	Comparative Anatomy of Vertebrates	32231401
ZOC-402	Physiology: Life Sustaining Systems	32231402
ZOC-403	Biochemistry of Metabolic Processes	32231403

2. Skill Enhancement Elective Course – (Compulsory) :

Paper No.	Paper Name	Paper Code
SEC	Apiculture (Only practicals)	32233901

3. Generic Electives – IV : (Interdisciplinary)

(Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
GE-4	ENGLISH – Comic Books and Graphic Novels	12035912
GE-4	HINDI – Hindi Ka Vaisvik Pridrishya	12055401
GE-4	PUNJABI – Punjabi Novel and Functional Punjabi	12125905
GE-4	ECONOMICS – Indian Economy-II	12275401
GE-4	HISTORY – Religion and Religiosity (NC)	12315405
GE-4	POLITICAL SCIENCE – United Nations and Global Conflicts	12325908
GE-4	COMMERCE – Insurance and risk management	22415403
GE-4	BUSINESS ECONOMICS – Fundamentals of Finance for Business	12485908
GE-4	CHEMISTRY – Molecules of life	32175912
GE-4	ELECTRONICS – Practical Electronics	32515910
GE-4	MATHEMATICS – Numerical Methods (With practicals)	32355402
GE-4	MATHEMATICS – Element of Analysis	32355444
GE-4	PHYSICAL EDUCATION – Fitness & Exercise Management	12555423
GE-4	PHYSICS – Thermal Physics & Statistical Mechanics	32225415
GE-4	BOTANY – No option available...	.
GE-4	Computer Science – Information Security and Cyber laws	32345402

SRI GURU TEGH BAHADUR KHALSA COLLEGE

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Choice Based Credit System (CBCS)

Course : B.Sc. (Hons.) Botany IInd Year

Semester : IVth

Course Code : 556

1. Core Course: (Compulsory):

Paper No.	Paper Name	Paper Code
BTC-401	Molecular Biology	32161401
BTC-402	Ecology	32161402
BTC-403	Plant Systematics	32161403

2. Skill Enhancement Elective Course – (Compulsory) :

Paper No.	Paper Name	Paper Code
SEC	Biofertilizers	32163403

3. Generic Electives – IV : (Interdisciplinary)

(Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
GE-4	ENGLISH – Comic Books and Graphic Novels	12035912
GE-4	HINDI – Hindi Ka Vaisvik Pridrishya	12055401
GE-4	PUNJABI – Punjabi Novel and Functional Punjabi	12125905
GE-4	ECONOMICS – Indian Economy-II	12275401
GE-4	HISTORY – Religion and Religiosity (NC)	12315405
GE-4	POLITICAL SCIENCE – United Nations and Global Conflicts	12325908
GE-4	COMMERCE – Insurance and risk management	22415403
GE-4	BUSINESS ECONOMICS – Fundamentals of Finance for Business	12485908
GE-4	CHEMISTRY – Molecules of life	32175912
GE-4	ELECTRONICS – Practical Electronics	32515910
GE-4	MATHEMATICS – Numerical Methods (With practicals)	32355402
GE-4	MATHEMATICS – Element of Analysis	32355444
GE-4	PHYSICAL EDUCATION – Fitness & Exercise Management	12555423
GE-4	PHYSICS – Thermal Physics & Statistical Mechanics	32225415
GE-4	ZOOLOGY – Animal Cell Biotechnology	32235901
GE-4	BOTANY – No option available...	.
GE-4	Computer Science – Information Security and Cyber laws	32345402

SRI GURU TEGH BAHADUR KHALSA COLLEGE
(University of Delhi)

Choice Based Credit System (CBCS)

Course : **B.Sc. (Hons.) Chemistry IInd Year**
Semester : **IVth**
Course Code : **557**

1. Core Course: (Compulsory):

Paper No.	Paper Name	Paper Code
CHC-401	Inorganic Chemistry – III: Coordination Chemistry	32171401
CHC-402	Organic Chemistry – III: Heterocyclic Chemistry	32171402
CHC-403	Physical Chemistry – IV: Conductance and Chemical Kinetics	32171403

2. Skill Enhancement Elective Course – (Compulsory) :

Paper No.	Paper Name	Paper Code
SEC	Basic Analytical Chemistry	32173902

3. Generic Electives – III : (Interdisciplinary)
(Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
GE-4	ENGLISH – Comic Books and Graphic Novels	12035912
GE-4	HINDI – Hindi Ka Vaisvik Pridrishya	12055401
GE-4	PUNJABI – Punjabi Novel and Functional Punjabi	12125905
GE-4	ECONOMICS – Indian Economy-II	12275401
GE-4	HISTORY – Religion and Religiosity (NC)	12315405
GE-4	POLITICAL SCIENCE – United Nations and Global Conflicts	12325908
GE-4	COMMERCE – Insurance and risk management	22415403
GE-4	BUSINESS ECONOMICS – Fundamentals of Finance for Business	12485908
GE-4	ELECTRONICS – Practical Electronics	32515910
GE-4	MATHEMATICS – Numerical Methods (With practicals)	32355402
GE-4	MATHEMATICS – Element of Analysis	32355444
GE-4	PHYSICAL EDUCATION – Fitness & Exercise Management	12555423
GE-4	PHYSICS – Thermal Physics & Statistical Mechanics	32225415
GE-4	ZOOLOGY – Animal Cell Biotechnology	32235901
GE-4	BOTANY – No option available...	.
GE-4	Computer Science – Information Security and Cyber laws	32345402

SRI GURU TEGH BAHADUR KHALSA COLLEGE

(University of Delhi)

Choice Based Credit System (CBCS)

Course : B.Sc. (Hons.) Physics IInd Year

Semester : IVth

Course Code : 567

1. Core Course: (Compulsory):

Paper No.	Paper Name	Paper Code
PHC-401	Mathematical Physics – III	32221401
PHC-402	Elements of Modern Physics	32221402
PHC-403	Analog Systems and Applications	32221403

2. Skill Enhancement Elective Course – (Compulsory) :

Paper No.	Paper Name	Paper Code
SEC	Basic Instrumentation Skills	32223904

3. Generic Electives – IV : (Interdisciplinary)

(Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
GE-4	ENGLISH – Comic Books and Graphic Novels	12035912
GE-4	HINDI – Hindi Ka Vaisvik Pridrishya	12055401
GE-4	PUNJABI – Punjabi Novel and Functional Punjabi	12125905
GE-4	ECONOMICS – Indian Economy-II	12275401
GE-4	HISTORY – Religion and Religiosity (NC)	12315405
GE-4	POLITICAL SCIENCE – United Nations and Global Conflicts	12325908
GE-4	COMMERCE – Insurance and risk management	22415403
GE-4	BUSINESS ECONOMICS – Fundamentals of Finance for Business	12485908
GE-4	CHEMISTRY – Molecules of life	32175912
GE-4	ELECTRONICS – Practical Electronics	32515910
GE-4	MATHEMATICS – Numerical Methods (With practicals)	32355402
GE-4	MATHEMATICS – Element of Analysis	32355444
GE-4	PHYSICAL EDUCATION – Fitness & Exercise Management	12555423
GE-4	ZOOLOGY – Animal Cell Biotechnology	32235901
GE-4	BOTANY – No option available...	.
GE-4	Computer Science – Information Security and Cyber laws	32345402

SRI GURU TEGH BAHADUR KHALSA COLLEGE

(University of Delhi)

Choice Based Credit System (CBCS)

Course : B.Sc. (Hons.) Electronics IInd Year
Semester : IVth
Course Code : 558

1. Core Course: (Compulsory):

Paper No.	Paper Name	Paper Code
ELC-401	Operational Amplifiers and Applications	32511407
ELC-402	Signals and Systems	32511409
ELC-403	Electronic Instrumentation	32511411

2. Skill Enhancement Elective Course – (Compulsory) :

Paper No.	Paper Name	Paper Code
SEC	Robotics	32513903

3. Generic Electives – IV : (Interdisciplinary)

(Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
GE-4	ENGLISH – Comic Books and Graphic Novels	12035912
GE-4	HINDI – Hindi Ka Vaisvik Pridrishya	12055401
GE-4	PUNJABI – Punjabi Novel and Functional Punjabi	12125905
GE-4	ECONOMICS – Indian Economy-II	12275401
GE-4	HISTORY – Religion and Religiosity (NC)	12315405
GE-4	POLITICAL SCIENCE – United Nations and Global Conflicts	12325908
GE-4	COMMERCE – Insurance and risk management	22415403
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GE-4	MATHEMATICS – Numerical Methods (With practicals)	32355402
GE-4	MATHEMATICS – Element of Analysis	32355444
GE-4	PHYSICAL EDUCATION – Fitness & Exercise Management	12555423
GE-4	PHYSICS – Thermal Physics & Statistical Mechanics	32225415
GE-4	ZOOLOGY – Animal Cell Biotechnology	32235901
GE-4	BOTANY – No option available...	.
GE-4	Computer Science – Information Security and Cyber laws	32345402

SRI GURU TEGH BAHADUR KHALSA COLLEGE

(University of Delhi)

Choice Based Credit System (CBCS)

Course : B.Sc. (Hons.) Mathematics IInd Year

Semester : IVth

Course Code : 563

1. Core Course: (Compulsory):

Paper No.	Paper Name	Paper Code
MAC-401	Partial Differential Equations (including Practical)	32351401
MAC-402	Riemann Integration and Series of Functions	32351402
MAC-403	Ring Theory and Linear Algebra	32351403

2. Skill Enhancement Elective Course – (Compulsory) :

Paper No.	Paper Name	Paper Code
SEC	Computer Algebra Systems & Related Software	32353401

3. Generic Electives – IV: (Interdisciplinary)

(Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
GE-4	ENGLISH – Comic Books and Graphic Novels	12035912
GE-4	HINDI – Hindi Ka Vaisvik Pridrishya	12055401
GE-4	PUNJABI – Punjabi Novel and Functional Punjabi	12125905
GE-4	ECONOMICS – Indian Economy-II	12275401
GE-4	HISTORY – Religion and Religiosity (NC)	12315405
GE-4	POLITICAL SCIENCE – United Nations and Global Conflicts	12325908
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GE-4	PHYSICAL EDUCATION – Fitness & Exercise Management	12555423
GE-4	PHYSICS – Thermal Physics & Statistical Mechanics	32225415
GE-4	ZOOLOGY – Animal Cell Biotechnology	32235901
GE-4	BOTANY – No option available...	.
GE-4	Computer Science – Information Security and Cyber laws	32345402

Choice Based Credit System (CBCS)

Course : B.Sc. (Prog.) Life Science IInd Year
Semester : IVth
Course Code : 583

1. Core Course: (Compulsory):

Paper No.	Paper Name	Paper Code
ZOPC-401	Genetics and Evolutionary Biology	42234406
BTPC-401	Plant Physiology and Metabolism	42164401
CHPC-401	Chemistry of s and p-block Elements States of Matter and Chemical Kinetics	42174404

2. Skill Enhancement Elective Course :

(Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
SEC	CHEMISTRY – Chemistry of Cosmetics and perfumes	32173910
SEC	PHYSICS – Basic Instrumentation Skills	32223904
SEC	MATHEMATICS – No option available...	
SEC	ZOOLOGY – Public Health and Hygiene	42233904
SEC	CSC – Programming in Java	42343410
SEC	BOTANY – No option available...	

Choice Based Credit System (CBCS)

Course : **B.Sc. (Prog.) Physical Science IInd Year**
Semester : **IVth**
Course Code : **582**

(Section - A)

1. Core Course: (Compulsory)

Paper No.	Paper Name	Paper Code
CHPC-401	Chemistry of s and p-block Elements, States of Matter and Chemical Kinetics	42174404
PHPC-401	Waves and Optics	42224412
MAPC-411	Real Analysis	42354401

2. Skill Enhancement Elective Course :

(Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
SEC	CHEMISTRY – Cosmetics and Perfumes	32173910
SEC	PHYSICS – Basic Instrumentation Skills	32223904
SEC	MATHEMATICS – No option available...	
SEC	ZOOLOGY – Public Health and Hygiene	42233904
SEC	CSC – Programming in Java	42343410
SEC	BOTANY – No option available...	

Choice Based Credit System (CBCS)**Course : B.Sc. (Prog.) Physical Science IInd Year****Semester : IVth****Course Code : 582****(Section - C)****1. Core Course: (Compulsory)**

Paper No.	Paper Name	Paper Code
CSPC-401	Computer System Architecture	42344403
PHPC-401	Waves and Optics	42224412
MAPC-411	Real Analysis	42354401

2. Skill Enhancement Elective Course :**(Students are advised to take any one of the followings)**

Paper No.	Paper Name	Paper Code
SEC	CHEMISTRY – Cosmetics and Perfumes	32173910
SEC	PHYSICS – Basic Instrumentation Skills	32223904
SEC	MATHEMATICS – No option available...	
SEC	ZOOLOGY – Public Health and Hygiene	42233904
SEC	CSC – Programming in Java	42343410
SEC	BOTANY – No option available...	

SRI GURU TEGH BAHADUR KHALSA COLLEGE

(University of Delhi)

Choice Based Credit System (CBCS)

Course : B.A. (H) Business Economics IInd Year

Semester : IVth

Course Code : 508

1. Core Course: (Compulsory)

Paper No.	Paper Name	Paper Code
BEC-401	Macroeconomics and Applications-II	12481401
BEC-402	Basic Econometrics	12481402
BEC-403	Marketing Management	12481403

2. Skill Enhancement Elective Course – (Compulsory) :

Paper No.	Paper Name	Paper Code
SEC	Research Methods and Statistical Packages	12483303

3. Generic Electives – IV : (Interdisciplinary) (Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
GE-4	ENGLISH – Comic Books and Graphic Novels	12035912
GE-4	HINDI – Hindi Ka Vaisvik Pridrishya	12055401
GE-4	PUNJABI – Punjabi Novel and Functional Punjabi	12125905
GE-4	ECONOMICS – Indian Economy-II	12275401
GE-4	HISTORY – Religion and Religiosity (NC)	12315405
GE-4	POLITICAL SCIENCE – United Nations and Global Conflicts	12325908
GE-4	COMMERCE – Insurance and risk management	22415403
GE-4	CHEMISTRY – Molecules of life	32175912
GE-4	ELECTRONICS – Practical Electronics	32515910
GE-4	MATHEMATICS – Numerical Methods (With practicals)	32355402
GE-4	MATHEMATICS – Element of Analysis	32355444
GE-4	PHYSICAL EDUCATION – Fitness & Exercise Management	12555423
GE-4	PHYSICS – Thermal Physics & Statistical Mechanics	32225415
GE-4	ZOOLOGY – Animal Cell Biotechnology	32235901
GE-4	BOTANY – No option available...	.
GE-4	Computer Science – Information Security and Cyber laws	32345402

SRI GURU TEGH BAHADUR KHALSA COLLEGE

(University of Delhi)

Choice Based Credit System (CBCS)

Course : B.Sc. (H) Computer Sciences IInd Year

Semester : IVth

Course Code : 570

1. Core Course: (Compulsory)

Paper No.	Paper Name	Paper Code
BEC-401	Design and Analysis of Algorithms	32341401
BEC-402	Software Engineering	32341402
BEC-403	Database Management Systems	32341403

2. Skill Enhancement Elective Course – (Compulsory) :

Paper No.	Paper Name	Paper Code
SEC	Introduction to R Programming	32343408

3. Generic Electives – IV : (Interdisciplinary) (Students are advised to take any one of the followings)

Paper No.	Paper Name	Paper Code
GE-4	ENGLISH – Comic Books and Graphic Novels	12035912
GE-4	HINDI – Hindi Ka Vaisvik Pridrishya	12055401
GE-4	PUNJABI – Punjabi Novel and Functional Punjabi	12125905
GE-4	ECONOMICS – Indian Economy-II	12275401
GE-4	HISTORY – Religion and Religiosity (NC)	12315405
GE-4	POLITICAL SCIENCE – United Nations and Global Conflicts	12325908
GE-4	COMMERCE – Insurance and risk management	22415403
GE-4	CHEMISTRY – Molecules of life	32175912
GE-4	ELECTRONICS – Practical Electronics	32515910
GE-4	MATHEMATICS – Numerical Methods (With practicals)	32355402
GE-4	MATHEMATICS – Element of Analysis	32355444
GE-4	BUSINESS ECONOMICS – Fundamentals of Finance for Business	12485908
GE-4	PHYSICAL EDUCATION – Fitness & Exercise Management	12555423
GE-4	PHYSICS – Thermal Physics & Statistical Mechanics	32225415
GE-4	ZOOLOGY – Animal Cell Biotechnology	32235901
GE-4	BOTANY – No option available...	.