



Academic Calendar & **Hand Book**

2022-2023

- Affiliated to Mahatma Gandhi University
- Accredited with 'B+' Grade by The National Assessment & Accreditation Council (NAAC)



St. Xavier's College Vaikom

Transforming lives Since 1981

ACADEMIC PROGRAMMES OFFERED BY THE COLLEGE

Three Year Under-Graduate Programmes Choice Based Credit System (CBCS)

Common Courses

- | | |
|--|---|
| <p>1. B.Sc.Physics
Core Subject
Complementary Subjects</p> <p>2. B.Sc. Zoology (Voc)
Core Subject
Vocational Subject
Complementary Subject</p> <p>3. B.Sc. Chemistry(Voc)
Core Subject
Vocational Subject
Complementary Subject</p> <p>4. B.Sc. Food Science & Quality Control
Core Subject
Complementary Subjects</p> <p>5. B.A. Economics
Core Subject
Complementary Subjects</p> <p>6. B.A. Political Science (Voc)
Core Subject
Vocational Subject

Complementary Subjects</p> <p>7. B.Com.
Optionals</p> | <ul style="list-style-type: none"> - 1. English - 2. Second Language- Malayalam or Hindi - 3. Optional Subjects (Model I) - Physics - Mathematics and Chemistry (Model II) - Zoology, - Aquaculture - Botany (Model II) - Chemistry - Industrial Chemistry - Mathematics (Model III) - Food Science - Mathematics & Chemistry (Model I) - Economics - History & Political Science (Model II) - Political Science - Mass Communication and Journalism - Public Relations and Advertising
Travel and Tourism Management (Model I) - Finance and Taxation |
|--|---|

Two Year Post Graduate Programme

- | | |
|--------------------------------------|--|
| <p>1. M.Com.
Optional</p> | <ul style="list-style-type: none"> - Finance & Taxation |
|--------------------------------------|--|

OPEN COURSES OFFERED BY VARIOUS DEPARTMENTS IN THE Vth SEMESTER

Students can choose any one of following open courses in their Vth Semester.

Course Code

- | | |
|--|------------------------------|
| 1) PH5 OPT 02 Dept. of Physics | - Physics in Daily life |
| 2) CH5 OPT 01 Dept. of Chemistry | - Chemistry in Everyday life |
| 3) ZY5 OPT 01 Dept. of Zoology | - Vocational Zoology |
| 4) EC5 OPT 01 Dept. of Economics | - Fundamentals of Economics |
| 5) PS5 OPT 04 Dept. of Political Science | - Human Rights in India |
| 6) CO5 OPT 03 Dept. of Commerce | - Fundamentals of Accounting |

Syllabi for UG Programmes under Choice Based Credit System (CBCS) (2017 Admission onwards)

COMMON COURSES

1. ENGLISH

Model I (B.A. Economics and B.Sc. Physics.)

Course Code

EN1CCT01 - I Semester -	Course I	- Fine-tune Your English
EN1CCT02 "	Course II	- Pearls from the Deep.
EN2CCT03 - II Semester -	Course III	- Issues that Matter
EN2CCT04 "	Course IV	- Savouring the Classics
EN3CCT05 - III Semester-	Course V	- Literature and/ as Identity
EN4CCT06 - IV Semester-	Course VI	- Illuminations

Model II (B.Sc. Zoology, B.Sc. Chemistry and B.A. Political Science)

EN1CCT01 - I Semester -	Course I	- Fine-tune Your English
EN2CCT03 - II Semester -	Course II	- Issues that Matter
EN3CCT05 - III Semester -	Course III	- Literature and/ as Identity
EN4CCT06 - IV Semester -	Course IV	- Illuminations

Model I (B.Com.) - Finance & Taxation

EN1CCT01 - I Semester -	Course I	- Fine-tune Your English
EN2CCT03 - II Semester-	Course II	- Issues that Matter
EN3CCT07 - III Semester-	Course VII	- Gems of Imagination
EN4CCT08 - IV Semester-	Course VIII	- Revisiting the Classics

Model III B.Sc. Food Science & Quality Control

EN1CCT01 - I Semester -	Course I	- Fine-tune Your English
EN2CCT03 - II Semester-	Course II	- Issues that Matter

2. MALAYALAM

Model I (B.Sc. Physics, B.A. Economics)

ML1CCT01 - I Semester -	Course I	- കഥ, സാഹിത്യം
ML2CCT02 - II Semester -	Course II	- കവിത
ML3CCT03 - III Semester -	Course III	- ദൃശ്യകലാസാഹിത്യം
ML4CCT04 - IV Semester -	Course IV	- മലയാള നൂറ് ചെമ്പുകൾ

Model II (B.A. Political Science), (B.Sc. Zoology/ B.Sc. Chemistry)

ML1CCT07 - I Semester -	Course I	- കഥ, കഥാപാത്രം
ML2CCT08 - II Semester -	Course II	- കവിതയും നാടകവും

Model I B.Com.

ML1CCT05 - I Semester -	Course I	- കഥയും കവിതയും
ML2CCT06 - II Semester -	Course II	- ആത്മകഥ, ലേഖനം

3. HINDI

Model I (B.Sc. Physics/B.A. Economics)

HN1CCT01 - I Semester -	Course I	- Prose & One Act Play
HN2CCT02 - II Semester -	Course II	- Short Stories & Novel
HN3CCT03 - III Semester -	Course III	- Poetry, Grammar & Translation
HN4CCT04 - IV Semester -	Course IV	- Drama and Long Poem

Model I B.Com.

HN1CCT01 - I Semester -	Course I	- Prose and Mass Media
HN2CCT02 - II Semester -	Course II	- Poetry, Commercial Correspondence and Translation

Model II (B.Sc. Zoology, BSc. Chemistry, B.A. Political Science)

HN1CCT01 - I Semester-	Course I	- Poetry & One act play
HN2CCT02 - II Semester-	Course II	- Prose and Short Stories

SYLLABI FOR CORE AND COMPLEMENTARY COURSES

1. B.Sc. Zoology & Aquaculture Model II Semester I

- | | | |
|----|--|---|
| 1. | ZY1CRT01 - Core Course I (Theory) | - General Perspective in Science
Protistan Diversity |
| 2. | Core Course I Practical | - General Perspective in Science
Protistan Diversity |
| 3. | ZA1V0T01 - Vocational Course I (Theory) | - Principles and Methods in
Aquaculture. |
| 4. | ZA1V0T02 - Vocational Course II (Theory) | - Hatchery and Culture Techni |
| 5. | Vocational Course I & II
Practical | - Principles & Methods in
Aquaculture, Hatchery and
Culture Techniques. |

- B01CMV0T01 - Complementary Course I Theory - Plant Diversity & Plant Pathology
 - B02CMV0P01 - Complementary Course I Practical - Plant Diversity & Plant Pathology
- (Practical Exams at the end of IInd Sem)

Semester II

- ZY1CRT02 - Core Course II (Theory) - Animal Diversity - Non-Chordata
 - Core Course II Practical - Animal Diversity - Non-Chordata
 - ZA2V0T03 - Vocational Course III (Theory) - Capture Fishery.
 - ZA2V0T04 - Vocational Course IV (Theory) - Biology of Fishes.
 - Vocational Course III & IV Practical - Capture Fishery & Biology of Fishes
 - B02CMV0T02 - Complementary Course II (Theory) - Plant Physiology
 - B02CMV0P01 - Complementary Course II Practical - Plant Physiology
- (Practical Exams at the end of IInd Sem)

Semester III

- ZY3CRT03 - Core Course III - Animal Diversity - Chordata (Theory)
- Core Course III Practical - Animal Diversity - Chordata
- ZA3V0T05 - Vocational Course V (Theory) - Fisheries Environment
- Practical III - Fisheries Environment
- ZA3V0T06 - Vocational Course VI (Theory) - Fish Nutrition
- Practical IV - Fish Nutrition
- B03CMV0T03 - Complementary Course III (Theory) - Angiosperm Taxonomy & Economic Botany
- B03CMV0P03 - Complementary Course III (Practical) - Angiosperm Taxonomy & Economic Botany

Semester IV

- ZY4CRT04 - Core Course IV - Research Methodology, Bio Physics & Bio Statistics (Theory)
- Core Course IV Practical - Research Methodology, Bio Physics & Bio Statistics
- ZA4V0T07 - Vocational Course VII - Reproductive Physiology & Endocrinology
- Practical V - Reproductive Physiology & Endocrinology
- ZA4V0T08 - Vocational Course VIII - Micro Biology, Pathology & Post Harvest Technology
- Practical VI - Micro Biology, Pathology & Post Harvest Technology

- 7. B04CMV0T04 - Complementary Course IV (Theory) - Anatomy & Applied Botany
 - 8. B04CMV0P04 - Complementary Course IV (Practical) - Anatomy & Applied Botany
- (Practical Exams at the end of IVth Sem)

Semester V

- 1. ZY5CRT05 - Core Course V: Theory - Environmental Biology & Human rights
- 2. ZY5CRP05 - Core Course V: Practical - Environmental Biology & Human rights
- 3. ZY5CRT06 - Core Course VI: Theory - Cell Biology and Genetics
- 4. ZY5CRP06 - Core Course VI: Practical - Cell Biology and Genetics
- 5. ZY5CRT07 - Core Course VII: Theory - Evolution, Ethology & Zoogeography
- 6. ZY5CRP07 - Core Course VII: Practical - Evolution, Ethology & Zoogeography
- 7. ZY5CRT08 - Core Course VII: Theory - Human Physiology, Biochemistry & Endocrinology
- 8. ZY5CRP08 - Core Course VII: Practical - Human Physiology, Biochemistry & Endocrinology
- 9. ZY5OPT01 - Open Course - Vocational Zoology (Apiculture, Vermiculture, Ornamental Fish Culture)

Group activity and Field Study -
Report to be submitted in 6th Semester along with Project and Practical Exam

Semester VI

- 1. ZY6CRT09 - Core Course IX: Theory - Developmental Biology
- 2. ZY6CRP09 - Core Course IX: Practical - Developmental Biology
- 3. ZY6CRT10 - Core Course X: Theory - Microbiology and Immunology
- 4. ZY6CRP10 - Core Course X: Practical - Microbiology and Immunology
- 5. ZY6CRT11 - Core Course XI: Theory - Biotechnology, Bioinformatics and Molecular Biology
- 6. ZY6CRP11 - Core Course XI: Practical - Biotechnology, Bioinformatics and Molecular Biology
- 7. ZY6CRT12 - Core Course XII: Theory - Occupational Zoology (Aquaculture, Apiculture, Vermiculture and Quail Farming)
- 8. ZY6CRP12 - Core Course XII: Practical - Occupational Zoology (Aquaculture, Apiculture, Vermiculture and Quail Farming)
- 9. ZY6CBT 04 - Elective course - Nutrition, Health and Lifestyle Management
- 10. ZY6CRPRP - Project - Project Work

2. B.Sc Physics Programme**Semester I**

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|-------------|---------------------|---|
| 1. PH1CRT01 | Core I (Theory) | - Methodology & Perspectives of Physics |
| 2. PH2CRP01 | Practical | - Mechanics & Properties of Matter |
| 3. MM1CMT01 | Complementary I | - Mathematics-Partial Differentiation, Matrices, Trigonometry & Numerical Methods |
| 4. CH1CMT01 | Complementary I | - Chemistry-Basic Theoretical & Analytical Chemistry |
| 5. CH2CMP01 | Chemistry Practical | - Volumetric Analysis |

Semester II

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|-------------|---------------------|---|
| 1. PH2CRT02 | Core II (Theory) | - Mechanics & Properties of Matter |
| 2. PH2CRP01 | Practical | - Mechanics & Properties of Matter |
| 3. MM2CMT02 | Complementary II | - Mathematics- Integral Calculus & Differential Equations |
| 4. CH2CMT02 | Complementary II | - Chemistry - Basic Organic Chemistry |
| 5. CH2CMP01 | Chemistry Practical | - Volumetric Analysis |
- (Practical Exams at the end of IInd Sem)

Semester III

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|-------------|---------------------|--|
| 1. PH3CRT03 | Core III (Theory) | - Optics, Laser and Fibre Optics |
| 2. PH4CRP02 | Practical | - Optics and Semiconductor Physics |
| 3. MM3CMT03 | Complementary III | - Mathematics - Vector Calculus & Analytic Geometry and Abstract Algebra |
| 4. CH3CMT03 | Complementary III | - Chemistry - Physical Chemistry 1 |
| 5. CH4CMP02 | Chemistry Practical | - Physical Chemistry |

Semester IV

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|-------------|---------------------|--|
| 1. PH4CRT04 | Core IV (Theory) | - Semiconductor Physics |
| 2. PH4CRP02 | Practical | - Optics and Semiconductor Physics |
| 3. MM4CMT04 | Complementary IV | - Mathematics - Fourier series, Laplace Transform & Complex Analysis |
| 4. CH4CMT05 | Complementary IV | - Chemistry - Physical Chemistry - 2 |
| 5. CH4CMP02 | Chemistry Practical | - Physical Chemistry |
- (Practical Exams at the end of IVth Sem)

SEMESTER V

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|-------------|-------------------------|-------------------------------------|
| 1. PH5CRT05 | Core Course V: Theory | Electricity And Electrodynamics |
| 2. PH5CRT06 | Core Course VI: Theory | Classical And Quantum Mechanics |
| 3. PH5CRT07 | Core Course VII: Theory | Digital Electronics And Programming |

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|-------------|--------------------------|--|
| 4. PH5CRT08 | Core Course VIII: Theory | Environmental Physics and Human Rights |
| 5. PH5OPT02 | Open course | Physics In Daily Life |

SEMESTER VI

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|-------------|-------------------------|--|
| 1. PH6CRT09 | Core Course IX: Theory | Thermal and Statistical Physics |
| 2. PH6CRT10 | Core Course X: Theory | Relativity and Spectroscopy |
| 3. PH6CRT11 | Core Course XI: Theory | Nuclear, Particle Physics and Astrophysics |
| 4. PH6CRT12 | Core Course XII: Theory | Solid State Physics |
| 5. PH6CBT03 | Choice Based Course | Computational Physics |
- (Practical Exams at the end of VI semester)
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|-------------|--|
| 1. PH6CRP03 | Electricity, Magnetism and Laser |
| 2. PH6CRP04 | Digital Electronics |
| 3. PH6CRP05 | Thermal Physics, Spectroscopy & C++ Programming |
| 4. PH6CRP06 | Acoustics, Photonics & Advanced Semi-conductor Physics |
| 5. PH6PRO01 | Project Work & Industrial visit |

3. B.Sc. Industrial Chemistry Model II**Semester I**

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|-------------|-----------------------|---|
| 1. CH1CRT01 | Core I (Theory) | - General & Analytical Chemistry |
| 2. CH2CRP01 | Practical | - Volumetric Analysis |
| 3. CH1V0T01 | Vocational I (Theory) | - Industrial Aspects of Inorganic & Organic Chemistry |
| 4. CH2V0P01 | Practical | - Vocational Practical (Industrial inorganic Chemistry) |
| 5. MM1CMT01 | Complementary I | - Mathematics - Partial Differentiation, Matrices, Trigonometry & Numerical Methods |

Semester II

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|-------------|------------------------|--|
| 1. CH2CRT02 | Core II (Theory) | - Theoretical & Inorganic Chemistry |
| 2. CH2CRP01 | Practical | - Volumetric Analysis |
| 3. CH2V0T02 | Vocational II (Theory) | - Chemical Industries & Industrial Aspects of Physical Chemistry |
| 4. CH2V0P01 | Practical | - Vocational Practical (Industrial inorganic Chemistry) |
| 5. MM2CMT02 | Complementary II | - Mathematics - Integral Calculus & Differential Equations |

(Practical Exams at the end of IInd Sem)

Semester III

1.	CH3CRT03	Core III (Theory)
2.	CH4CRP02	Practical
3.	CH3V0T03	Vocational Paper 1
4.	CH4V0P02	Practical
5.	CH3V0T04	Vocational Paper 2
6.	CH4V0P03	Practical
7.	MM3CMT03	Complementary III

- Organic Chemistry 1
 - Qualitative Organic Analysis
 - Unit operations in Chemical Industry
 - Industrial Organic Chemistry
 - Unit process in Organic Chemical Manufacturing
 - Industrial Physical Chemistry
 - Mathematics - Vector Calculus & Analytic Geometry and Abstract Algebra

Semester IV

1.	CH4CRT04	Core IV (Theory)
2.	CH4CRP02	Practical
3.	CH4V0T05	Vocational Paper 1
4.	CH4V0P02	Practical
5.	CH4V0T06	Vocational Paper 2
6.	CH4V0P03	Practical
7.	MM4CMT04	Complementary IV

- Organic Chemistry 2
 - Qualitative Organic Analysis
 - Instrumental methods of Chemical Analysis 1
 - Industrial Organic Chemistry
 - Instrumental methods of Chemical Analysis 2
 - Industrial Physical Chemistry
 - Mathematics - Fourier series, Laplace Transform & Complex Analysis

(Practical Exams at the end of IVth Sem)

SEMESTER V

1	CH5CRT05	Core Course V: Theory	Environment Ecology and Human Rights
2	CH5CRT06	Core Course VI: Theory	Organic Chemistry-III
3	CH5CRT07	Core Course VII: Theory	Physical Chemistry - I
4	CH5CRT08	Core Course VIII: Theory	Physical Chemistry - II
5	CH5OPT 01	Open course	Chemistry in Everyday Life
	CH6CRP03	Core Course : Practical	Qualitative Inorganic Analysis
	CH6CRP04	Core Course : Practical	Organic Preparations and Basic Laboratory Techniques
	CH6CRP05	Core Course : Practical	Physical Chemistry Practical
	CH6PRP01	Project Work	

SEMESTER VI

CH6CRT09	Core Course IX: Theory	Inorganic Chemistry
CH6CRT10	Core Course X: Theory	Organic Chemistry-IV

3	CH6CRT11	Core Course XI: Theory	Physical Chemistry - III
4	CH6CRT12	Core Course XII: Theory	Physical Chemistry - IV
5	CH6CBT 02	Choice Based Course	Nanochemistry and Nanotechnology
6.	CH6CRP03	Core Course: Practical	Qualitative Inorganic Analysis
7	CH6CRP04	Core Course : Practical	Organic Preparations and Basic Laboratory Techniques
8	CH6CRP05	Core Course: Practical	Physical Chemistry Practical
9	CH6CRP06	Core Course: Practical	Gravimetric Analysis
10	CH6PR01	Project	Project & Industrial visit and comprehensive viva-voce

4. B.A. Economics Programme.**Semester I**

1.	EC1CRT01	Core I	- Perspectives & Methodology of Economics.
2.	HY1CMT01	Complementary I	- Roots of the Modern World.

Semester II

1.	EC2CRT02	Core II	- Micro Economic Analysis I
2.	HY2CMT03	Complementary II	- Transition to the Contemporary World.

Semester III

1.	EC3CRT03	Core III	- Micro Economic Analysis II
2.	EC3CRT04	Core IV	- Economics of Growth & Development
3.	PS3CMT01	Complementary III	- An Introduction to Political Science

Semester IV

1.	EC4CRT05	Core V	- Macro Economics 1
2.	EC4CRT06	Core VI	- Public Economics
3.	PS4CMT03	Complementary IV-	Contemporary Global Politics

SEMESTER V

1	EC5CRT07	Core Course VII: Theory	Quantitative Techniques
2	EC5CRT08	Core Course VIII: Theory	Macroeconomics-II
3	EC5CRT09	Core Course IX: Theory	Environmental Economics
4	EC5CRT10	Core Course X: Theory	Introductory Econometrics
5	EC5OPT01	Open course	Fundamentals of Economics

SEMESTER VI

1	EC6CRT11	Core Course XI: Theory	Quantitative Methods
2	EC6CRT12	Core Course XII: Theory	International Economics
3	EC6CRT13	Core Course XIII: Theory	Money & Financial markets
4	EC6CRT14	Core Course XIV: Theory	Indian Economy
5	EC6CBT02	Choice Based Course	Business Economics

5. B.A. Political Science (Vocational Model II) Mass communication & Journalism

Semester I

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|----|----------|---------------------|---|
| 1. | PS1CRT01 | Core I | - Methodology and Perspectives of Political Science |
| 2. | PS1V0T01 | Course I Voc | - Introduction to Mass Communication |
| 3. | PS1CMT06 | Complementary I Voc | - Foundations of Public Relations |

Semester II

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|----|----------|------------------------|---|
| 1. | PS2CRT02 | Core II | - Indian Constitution: Institutions & Process |
| 2. | PS2V0T02 | Course II (Voc) | - History and Development of Journalism |
| 3. | PS2CMT07 | Complementary II (Voc) | - Advertising: Theory and Practice |

Semester III

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|----|----------|-------------------|--|
| 1. | PS3CRT03 | Core III | - Issues & Political Process in Modern India |
| 2. | PS3CRT04 | Core IV | - Political Thought : Indian Traditions |
| 3. | PS3VOT03 | Vocational III | - News Reporting and Writing |
| 4. | PS3CMT08 | Complementary III | - Foundations of Travel & Tourism |

Semester IV

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|----|----------|----------------------|--|
| 1. | PS4CRT05 | Core V | - Introduction to Political Theory |
| 2. | PS4CRT06 | Core VI | - Political Thought : Western Traditions |
| 3. | PS4CMT09 | Complementary IV | - Emerging Trends in Travel & Tourism |
| 4. | PS4V0T04 | Vocational Course IV | - News Editing |

SEMESTER V

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|---|----------|-----------------------------|---|
| 1 | PS5CRT07 | Core Course VII: Theory | Theories and Principles of Public Administration. |
| 2 | PS5CRT08 | Core Course VIII: Theory | Environmental Politics and Human Rights. |
| 3 | PS5VOT05 | Voc Course V: Theory | Media and Society |
| 4 | PS5VOT06 | Voc Course VI: Theory | Media and Polity |
| 5 | PS5OPT04 | Open course | Human Rights in India |
| 6 | | On the Job Training Project | |

SEMESTER VI

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|---|----------|-------------------------|---|
| 1 | PS5CRT09 | Core Course IX: Theory | Methodology of Research in Political Science. |
| 2 | PS5CRT10 | Core Course X: Theory | Introduction to International Relations. |
| 3 | PS6VOT07 | Voc Course VII: Theory | Media Management |
| 4 | PS6VOT08 | Voc Course VIII: Theory | Introduction to Information Technology |
| 5 | PS6CBT01 | Choice Based Course | India's Foreign policy. |

6. B.Com. Programme Model I

Semester I

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|----|----------|---------------|--|
| 1. | C01CRT01 | Core I | - Dimensions & Methodology of Business Studies |
| 2. | C01CRT02 | Core II | - Financial Accounting I |
| 3. | C01CRT03 | Core III | - Corporate Regulations & Administration |
| 4. | C01CMT01 | Common Core I | - Banking & Insurance |

Semester II

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|----|----------|----------------|------------------------------------|
| 1. | C02CRT04 | Core IV | - Financial Accounting II |
| 2. | C02CRT05 | Core V | - Business Regulatory Frame Work |
| 3. | C02CRT06 | Core VI | - Business Management |
| 4. | C02CMT02 | Common Core II | - Principles of Business Decisions |

Semester III

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|----|----------|-----------|--|
| 1. | C03CRT07 | Core VII | - Corporate Accounts 1 |
| 2. | C03CRT08 | Core VIII | - Quantitative Techniques for Business 1 |
| 3. | C03CRT09 | Core IX | - Financial Markets & Operations |
| 4. | C03CRT10 | Core X | - Marketing Management |

Optional I

- | | |
|----------|--|
| C030CT01 | - Finance & Taxation / Goods - Services Tax |
| C030CT02 | - Computer Applications - Information Technology for Business (Theory) |
| C030CP01 | - Computer Application - Information Technology for Business (Practical) |
| C030CT03 | - Co-operation - Basics of Co-operation |
| C030CT04 | - Travel & Tourism - Fundamentals of Tourism |
| C030CT05 | - Marketing - Customer Relationship Management |

Semester IV

- | | | | |
|----|----------|-----------|---|
| 1. | C04CRT11 | Core XI | - Corporate Accounts 2 |
| 2. | C04CRT12 | Core XII | - Quantitative Techniques for Business 2 |
| 3. | C04CRT13 | Core XIII | - Entrepreneurship Development & Project Management |

Optional 2

- | | |
|----------|--|
| C04OCT01 | - Finance Taxation / Financial Services |
| C04OCT02 | - Computer Application - Information Technology for Office (Theory) |
| C04OCP01 | - Computer Application Information Technology for Office (Practical) |

0040CT03	- Co-operation-Management of Co-operative Enterprises
0040CT04	- Travel & Tourism - Travel and Tourism Infrastructure
0040CT05	- Marketing - Services Marketing

SEMESTER V

0060RT14	Core Course XIV: Theory	Cost Accounting - 1
0060RT15	Core Course XV: Theory	Environment and Human Rights
0060RT16	Core Course XVI: Theory	Financial Management
0060CT01	Optional Course - 3: Theory	Finance and Taxation-Income Tax.
0060DAP01	Open course	Fundamentals of Accounting

SEMESTER VI

0060RT17	Core Course XVII: Theory	Cost Accounting - 2
0060RT18	Core Course XVIII: Theory	Advertisement and Sales Management
0060RT19	Voc Course XIX: Theory	Auditing and Assurance
0060RT20	Voc Course XX: Theory	Management Accounting
0060CT01	Optional Course - 4: Theory	Finance and Taxation-Income Tax- II
006PR01	Project and Viva	

FOOD SCIENCE AND QUALITY CONTROL MODEL III

SEMESTER I

FS1CRT01	Core (Theory)	Basic Nutrition
FS1CRT02	Core (Theory)	Basic Food Chemistry
FS1CRT03	Core (Theory)	Methodology in the Discipline of Food Science
CH1CMT01	Complementary (Theory)	Basic Theoretical and Analytical Chemistry
CH2CMP01	Complementary (exam only in semester 2)	Volumetric Analysis
MM1CMT01	Complementary (Theory)	Partial Differentiation Matrices, Trigonometry and Numerical Methods

SEMESTER II

FS2CRT04	Core (Theory)	Food Commodities
FS2CRT05	Core (Theory)	Food Preservation
FS2CRT06	Core (Theory)	Food Microbiology, Sanitation & Hygiene
FS2OJP07	Core	(OJT) Industrial Training
CH2CMT02	Complementary (Theory)	Basic Organic Chemistry

6	CH2CMP02	Complementary (Practical)	Volumetric Analysis
7	MM2CMT02	Complementary (Theory)	Integral Calculus Differential equations

SEMESTER III

1	FS3CRT08	Core(Theory)	Processing Technology of Animals Products
2	FS3CRT09	Core(Theory)	Sensory Evaluation
3	FS3CRT10	Core(Theory)	Food Packaging Materials & Testing
4	CH3CMT03	Complementary (Theory)	Inorganic and Organic Chemistry
5	CH4CMT03	Complementary (Practical) (exam only in 4th semester)	Organic Chemistry practical
6	MM3CMT03	Complementary (Theory)	Vector Calculus, Analytical Geometry and abstract Algebra

SEMESTER IV

1	FS4CRT11	Core (Theory)	Processing Technology of Plant foods
2	FS4CRT12	Core (Theory)	Core- Analytical Instrumentation
3	FS4CRT13	Core (Theory)	Food Safety & Quality Assurance
4	FS4OJP14	Core	(OJT) Industrial Training
5	CH4CMT04	Complementary (Theory)	Advanced Bio organic Chemistry
6	CH4CMP03	Complementary (Practical)	Organic Chemistry Practical
7	MM4CMT04	Complementary (Theory)	Fourier Series, Laplace Transform & Complex Analysis

SEMESTER V

1	FS5CRT15	Core(Theory)	Food Analysis (Theory)
2	FS5CRT16	Core(Theory)	Food Toxicology
3	FS5CRT17	Core(Theory)	Environmental studies and Human Rights
4	FS5CRP2	Core (Practical)	Basic Microbiology
5	FS5CRP22	Core(Practical)	Food Analysis & Adulteration testing -Practical I
6	FS5CRP23	Core (Practical)	Food Chemistry Practical
7	FS5OPT18, FS5OPT19, FS5OPT20	Core	Open Course

SEMESTER VI

1	FS6CRT24	Core (Theory)	Entrepreneurship Development & Management in food Industry
2	FS6CRT25	Core (Theory)	Food Adulteration & Testing
3	FS6CBT26,	Core (Theory)	Choice Based

	FS6CBT27,		
	FS6CBT28		
4	FS6CRP29	Core (Practical)	Advanced Food Microbiology
5	FS6CRP30	Core (Practical)	Food Analysis & Adulteration testing Practical II
6	FS6CRP31	Core (Practical)	Advanced Food Chemistry Practical
7	FS6DSP32	Core	Project/Dissertation

Post-Graduate Programme (2019 Admission)

7. M.Com

Semester I

1.	CM010101	-	Specialised Accounting
2.	CM010102	-	Organisational Behaviour
3.	CM010103	-	Marketing Management
4.	CM010104	-	Management Optimisation Techniques
5.	CM010105	-	Methodology for Social Science Research

Semester II

1.	CM010201	-	Advanced Corporate Accounting
2.	CM010202	-	Human Resource Management
3.	CM010203	-	International Business and Finance
4.	CM010204	-	Quantitative Techniques
5.	CM010205	-	Strategic Management

Semester III

1.	CM010301	-	Strategic Financial Management
2.	CM010302	-	Income Tax – Law and Practice
3.	CM010303	-	Security Analysis and Portfolio Management
4.	CM800301	-	Indirect Tax Laws (Group I)

Semester IV

1.	CM010401	-	Advanced Cost and Management Accounting
2.	CM010402	-	Income Tax-Assessment and Procedure
3.	CM800401	-	Derivatives and Risk Management (Group 1)
4.	CM800402	-	Personal Investment and Behavioural Finance (Group 1)
5.	CM010403	-	Project Report
6.	CM010404	-	Comprehensive Viva Voce