



DEPARTMENT OF ENGLISH

BA (Hons) English

Course structure for 4-Year Undergraduate Programmes

Semester	Core (Credit)	Discipline Specific Elective (DSE) (Credit)	Generic Elective Course (GEC), (Credit)	Ability Enhancement Compulsory Courses (AECC) (Credit)	Skill Enhancement Course (SEC) (Credit)	Value Addition Courses (VAC) (Credit)	Semester Credit
I	Core-1 (6)			AECC-1 (4) English/MIL	SEC-1 (4)	VAC-1 (2)	24
	Core-2 (6)					VAC-2 (2)	
II	Core-3 (6)			AECC-2 (4) Environmental Science	SEC-2 (4)	VAC-3 (2)	24
	Core-4 (6)					VAC-4 (2)	
Exit option with Bachelor's Certificate in a Discipline on completion of course equal to a minimum of 46 Credits							
III	Core-5 (6)		GEC-1 (6)			VAC-5 (2)	26
	Core-6 (6)						
	Core-7 (6)						
IV	Core-8 (6)		GEC-2 (6)			VAC-6 (2)	26
	Core-9 (6)						
	Core-10 (6)						
Exit option with Bachelor's Certificate in a Discipline on completion of course equal to a minimum of 96 Credits							
V	Core-11 (6)	DSE-1 (6)	GEC-3 (6)			VAC-7 (2)	26
	Core-12 (6)						
VI	Core-13 (6)	DSE-2 (6)	GEC-4 (6)			VAC-8 (2)	26
	Core-14 (6)						
Exit option with Bachelor's Certificate in a Discipline on completion of course equal to a minimum of 140 Credits							
VII	Core-15 (6)	DSE-3 (6)	GEC-5 (6)				24
	Core-16 (6)						
VIII	Core-17 (6)	DSE-4 (6)	GEC-6 (6)				24
	Core-18 (6)						
Award a Bachelor's Degree with Honours in a Discipline on completion of courses equal to a minimum of 182 Credits							



DEPARTMENT OF GEOGRAPHY

BA (Hons) Geography

Course Structure for 4-Year Undergraduate Programmes

Semester	Course & Course Code	Section	Course Type	Course Title	Credits	Marks
I	Core-1 Gg501	A	Theory	Foundations Of Geography	4	100
		B	Practical	Simple Astronomical Calculation	2	50
	Core-2 Gg 502	A	Theory	Fundamentals Of Physical Geography	4	100
		B	Practical	Relief Mapping, Mineral And Rock Identification, Geological Map Interpretation And Field Visit	2	50
	AECC-1	-	-	English/Mil	4	100
	SEC-1 GG 521	-	Theory	Cartographic Techniques And Computer Application In Geography	4	100
	VAC-1	-	-	-	2	50
	VAC-2	-	-	-	2	50
II	Core-3 GG 503	A	Theory	Fundamentals Of Human Geography	4	100
		B	Practical	Distribution Mapping, Human Development And Field Visit	2	50
	Core-4 Gg 504	A	Theory	Fundamentals Of Remote Sensing, Photogrammetry And Gps	4	100
		B	Practical	Remote Sensing, Gis, Photogrammetry, Gps And Drone Practical	2	50
	AECC-2	-	Theory	Environmental Science	4	100
	SEC-2 Gg 522	-	Theory	Geographic Information System	4	100
	VAC-3	-	-	-	2	50
	VAC-4	-	-	-	2	50
III	Core-5 Gg 601	A	Theory	Geomorphology	4	100
		B	Practical	Geomorphological Mapping And Field Visit	2	50
	Core-6 Gg 602	A	Theory	Climatology And Hydrology	4	100
		B	Practical	Climatological Diagrams, Hydrological Analysis And Field Visit	2	50
	Core-7 Gg 603	A	Theory	Oceanography And Marine Biodiversity & Ecology	4	100
		B	Tutorial	5 Lectures	1	25
P	A	Theory	Climate Change, Vulnerability & Adaptation	4	100	



		B	Tutorial	5 Lectures	1	25
	VAC-5	-	-	-	2	50
IV	Core-8	A	Theory	Soil Geography And Biography	4	100
	Gg 604	B	Practical	Soil Analysis & Identification And Biographical Measurement	2	50
	Core-9	A	Theory	Environmental Geography And Climate Change	4	100
	Gg 605	B	Practical	Environmental Geography Practical, Climate Change Analysis And Field Visit	2	50
	Core-10	A	Theory	Disaster Management	4	100
	Gg 606	B	Practical	Disaster Management Project Work	2	50
	Gec-2	A	Theory	Geospatial Information Technology	4	100
	Gg 632	B	Tutorial	5 Lectures	1	25
	VAC-6	-	-	-	2	50
V	Core-11	A	Theory	Economic And Resource Geography	4	100
	Gg 701	B	Practical	Economics Maps And Diagrams	2	50
	Core-12	A	Theory	Population And Settlement Geography	4	100
	Gg 702	B	Practical	Maps And Diagrams Of Population And Settlement Geography	2	50
	DSE-1#	A	Theory	Agricultural Geography	4	100
	Gg 711	B	Practical	Agricultural Regionalization And Diagrams And Field Visit	2	50
	DSE-1#	A	Theory	Fluvial Geomorphology	4	100
	Gg712	B	Practical	Basin Morphometry And Field Visit	2	50
	Gec-3	A	Theory	Industrial Development	4	100
	Gg 731	B	Tutorial	5 Lectures	1	25
	VAC-7	-	-	-	2	50
VI	Core-13	A	Theory	Regional Planning And Sustainable Development	4	100
	Gg-703	B	Practical	Spatial Analysis And Field Visit	2	50
	Core-14	A	Theory	Statistical Methods In Geography	4	100
	Gg 704	B	Practical	Statistical Exercises In Geography	2	50
	DSE-2#	A	Theory	Political Geography	4	100
	Gg 713	B	Tutorial	5 Lectures	1	25
	DSE-2#	A	Theory	Urbanisation And Urban System	4	100



	Gg-714	B	Tutorial	5 Lectures	1	25
	Gec-4	A	Theory	Coupled Human And Environmental System	4	100
	Gg732	B	Tutorial	5 Lectures	1	25
	Vac-8	-	-	-	2	50
VII	Core-15	A	Theory	Evolution Of Geographical Thought	4	100
	Gg 801	B	Tutorial	5 Lectures	1	25
	Core-16	A	Theory	World Regional Geography	4	100
	Gg 802	B	Practical	Map Projection	2	50
	Dse-3#	A	Theory	Geography Of Health	4	100
	Gg 811	B	Practical	Maps And Diagrams Of Health Data And Field Visit	2	50
	Dse- 3#	A	Theory	Geography Of Social Wellbeing	4	100
	Gg 812	B	Tutorial	5 Lectures	1	25
	Gec-5	A	Theory	Rural Development	4	100
	Gg 831	B	Tutorial	5 Lectures	1	25
VIII	Core-17	A	Theory	Geography Of India, North East India And Manipur	4	100
	Gg 803	B	Practical	Surveying And Topographical Sheet Interpretation	2	50
	Core-18	A	Theory	Geography Of Tourism	4	100
	Gg-804	B	Practical	Maps And Diagrams Of Tourism And Field Visit	2	50
	Dse-4#	A	Theory	Research Methodology In Geography	2	50
	Gg 813	B	Practical	Submission Of Dissertation	4	100
	Dse-4#	A	Theory	Geography Of Energy	4	100
	Gg 814	B	Tutorial	5 Lectures	1	25
	Gec-6	A	Theory	Sustainable Resource Development	4	100
	Gg 832	B	Tutorial	5 Lectures	1	25



DEPARTMENT OF HISTORY

BA (Hons) History

Course structure for 4-Year Undergraduate Programmes

Semester I	Course Structure For History	Credit	Semester Credit
Core Course	Bhrc 101 The Idea Of Bharat Or Bhrc 101a Indian Historiography	5+1 = 6	24
	Bhrc 102. History Of World Civilization	5+1 = 6	
AECC	Bhra 103 English/Mil	3 +1 = 4	
SEC	Bhrs 104a Introduction To Archaeology Or Bhrs 104b Archives And Museum Or Bhrs 104c Myanmarese/Burmese Language	3 +1 = 4	
VAC	Bhrv 105 Personality Development	1+1 = 2	
	Bhrv 106 Value Education	1+1 = 2	

Semester II	Course Structure For History	Credit	Semester Credit
Core Course	Bhrc 201. History Of India: Earliest Time To 550 Ce Bhrc 202. History Of Europe: 13th Century To 1789	5+1 = 6 5+1 = 6	24
	AECC	Bhra 203 Environmental Science	
SEC	Bhrs 204a Understanding Heritage Or Bhrs 204b Understanding Popular Culture Of India Or Bhrs 204c Historical Tourism In North East India	3 +1 = 4	
VAC	Bhrv 205 Nutrition And Fitness	1+1 = 2	
	Bhrv 206 Principles And Methods Of Yoga	1+1 = 2	

Exit Option With Bachelor's Certificate In A Discipline On Completion Of Courses Equal To A Minimum Of 46 Credits

Semester III	Course Structure For History	Credit	Semester Credit	
Core Course	Bhrc 301. History Of India: 550 Ce To 1200 Ce Bhrc 302. History Of Europe: 1789-1919 Bhrc 303. History Of India: 1200 - 1707	5+1 = 6 5+1 = 6 5+1 = 6	26	
	GEC	Bhrg 304 History Of Manipur From 33 A.D.1891 A.D.		5+1 = 6
	VAC	Bhrv 305 Indigenous Foods Of Manipur (Theory And Practice)		1+1 = 2

Semester IV	Course Structure For History	Credit	Semester Credit	
Core Course	Bhrc 401 History Of Modern World: 1919-1945 Bhrc 402 History Of India: 1707-1857 Bhrc 403. Indian National Movement 1857-1947	5+1 = 6 5+1 = 6 5+1 = 6	26	
	GEC	Bhrg 404 History Of Ancient India		5+1 = 6
	VAC	Bhrv 405 Social Media & Digital Communications		1+1 = 2

Exit Option With Bachelor's Diploma In History On Completion Of Courses Equal To A Minimum Of 96 Credits



Semester V	Course Structure For History	Credit	Semester Credit
Core Course	Bhrc 501 History Of Modern India: 1947-2000	5+1 = 6	26
	Bhrc 502 Cultural Heritage Of India	5+1 = 6	
DSE	Bhrd 503a History Of Southeast Asia-The 19th Century Or Bhrd 503b History Of United States Of America -I (C. 1776 -1945)	5+1 = 6	
GEC	Bhrg 504 History Of Medieval India	5+1 = 6	
Semester VI	Course Structure For History	Credit	Semester Credit
Core Course	Bhrc 601 Asian Resurgence	5+1 = 6	26
	Bhrc 602 History Of Manipur Early Times To 1891 A.D.	5+1 = 6	
DSE	Bhrd 603a History Of Southeast Asia-The 20th Century Or Bhrd 603b History Of United States Of America -Ii (C. 1776 -1945) Or	5+1 = 6	
GEC	Bhrg 604: History Of Modern India.	5+1 = 6	
VAC	Bhrv 605 Arts & Crafts Of Manipur	1+1 = 2	
Exit Option With Bachelor's Degree In History On Completion Of Courses Equal To A Minimum Of 140 Credits			

Semester VII	Course Structure For History	Credit	Semester Credit
Core Course	Bhrc 701 History Of Modern Manipur (1891-1949)	5+1 = 6	24
	Bhrc 702 History Of Communication In India	5+1 = 6	
DSE	Bhrd 703a History Of East Asia- China (C. 1840-1949) Or Bhrd 703b History Of The Ussr-I (C. 1917- 1964) Or Bhrd 703c History Of North East India (1826-1947)	5+1 = 6	
GEC	Bhrg 704 History Of Freedom Movement In India	5+1 = 6	

Semester VIII	Course Structure For History	Credit	Semester Credit
Core Course	Bhrc 801 Historiography & Historical Method	5+1 = 6	24
	Bhrc 802 Dissertation/Project Report	5+1 = 6	
DSE	Bhrd 803a History Of East Asia (C. 1840-1949) Or Bhrd 803b History Of The Ussr-Ii (C. 1917- 1964) Or Bhrd 803c History Of Contemporary Manipur 1950-2000	5+1 = 6	
GEC	Bhrg 804a Issues In Contemporary World Or Bhrg 804b Women In Indian History	5+1 = 6	
Award Of Bachelor's Degree With Honours In History On Completion Of Courses Equal To A Minimum Of 182 Credits			



DEPARTMENT OF POLITICAL SCIENCE

BA (Hons) Political Science

Course structure for 4-Year Undergraduate Programmes

Semester	Core (Credit)	Discipline Specific Elective (Credit)	Generic Elective (Credit)		Ability Enhancement Compulsory Course (Credit)	Skill Enhancement (Credit)	Value Added Course (Credit)	Credit
I	Serial No. 1.2 Political Theory (6)				Serial No. 1.1 English/Mil (4)	Serial No. 1.4 Legislative Practices & Procedures (4)	Vac-1 (2)	24
	Serial No. 1.3 Indian Government & Politics (6)						Vac-2 (2)	
II	Serial No. 2.2 Political Theory: Concepts & Debates (6)				Serial No. 2.1 Environmental Studies (4)	Serial No. 2.4 Peace And Conflict Resolution (4)	Vac-3 (2)	24
	Serial No. 2.3 Political Process In India (6)						Vac-4 (2)	
Exit Option With Certification- With Ability To Solve Well Defined Problems								
III	Serial No. 3.1 Comparative Government & Politics (6)		Serial No.3.4 Nationalism In India (6)				Vac-5 (2)	26
	Serial No. 3.2 Perspectives On Public Administration (6)							
	Serial No. 3.3 International Politics (6)							
IV	Serial No. 4.1 Political Process And Institutions In Comparative Perspective (6)		Serial No. 4.4 Gandhi And Contemporary World (6)				Vac-6(2)	26
	Serial No. 4.2 Public Policy And Administration In India (6)							
	Serial No. 4.3 India's Foreign Policy (6)							



		Exit Option With Diploma – Ability To Solve Broadly Defined Problems						
V	Serial No. 5.1 Western Political Thought (6)	Serial No. 5.3 Human Rights In Comparative Perspective (6)		Serial No. 5.4 Feminis m: Theory And Practic e (6)			Vac-7 (2)	26
	Serial No. 5.2 Indian Political Thought – I (6)							
VI	Serial No. 6.1 Modern Western Political Thought (6)	Serial No. 6.3 Citizenship In A Globalizing World (6)		Serial No. 6.4 Politics Of Globali sation (6)			Vac-8 (2)	26
	Serial No. 6.2 Indian Political Thought – Ii (6)							
		Exit Option With Bachelor Degree – Ability To Solve Complex Problems That Are Ill-Structured Requiring Multi-Disciplinary Skills To Solve Them						
VII	Serial No. 7.1 Government And Politics Of North East India (6)	Serial No. 7.3 Development Process And Social Movements In Contemporar y India (6)		Serial No. 7.4 United Nations And Global Conflic ts (6)				24
	Serial No. 7.2 Socialist Thought (6)							
VIII	Serial No. 8.1 Gandhian Studies (6)	Serial No. 8.3 Public Policy In India (6)		Serial No. 8.4 Contem porary Politica l Econo my (6)				24
	Serial No. 8.2 State Politics In Manipur (6)							



SOCIOLOGY
BA (Hons) Sociology

Course structure for 4-Year Undergraduate Programmes

Semester	Core (Credit)	Dse (Credit)	Gec (Credit)	Aecc (Credit)	Sec (Credit)	Vac (Credit)	Semester Credit
I	Core – 1 (6)			Aecc – 1 (4) English/Mil	Sec – 1 (4)	Vac -1 (2)	24
	Core – 2 (6)					Vac -2 (2)	
II	Core – 3 (6)			Aecc – 2 (4) Evs	Sec – 2 (4)	Vac -3 (2)	24
	Core – 4 (6)					Vac -4 (2)	
Exit Option With Bachelor's Certificate In A Discipline On Completion Of Courses Equal To A Minimum Of 46 Credits.							
III	Core – 5 (6)		Gec – 1 (6)			Vac-5 (2)	26
	Core – 6 (6)						
	Core – 7 (6)						
IV	Core – 8 (6)		Gec – 2 (6)			Vac-6 (2)	26
	Core – 9 (6)						
	Core – 10 (6)						
Exit Option With Bachelor's Diploma In A Discipline On Completion Of Courses Equal To A Minimum Of 96 Credits.							
V	Core – 11 (6)	Dse – 1 (6)	Gec – 3 (6)			Vac – 7 (2)	26
	Core -12(6)						
Vi	Core – 13 (6)	Dse – 2 (6)	Gec – 4 (6)			Vac – 8 (2)	26
	Core – 14 (6)						
Exit Option With Bachelor's Degree In A Discipline On Completion Of Courses Equal To A Minimum Of 140 Credits.							
VII	Core – 15 (6)	Dse – 3 (6)	Gec – 5 (6)				26
	Core – 16 (6)						
VIII	Core – 17 (6)	Dse – 4 (6)	Gec – 6 (6)				26
	Core – 18 (6)						
Award Of Bachelor's Degree With Honours In A Discipline On Completion Of Courses Equal To A Minimum Of 182 Credits.							



DEPARTMENT OF COMMERCE

BA (Hons) Commerce

Course structure for 4-Year Undergraduate Programmes

Semester	Core (Credit)	Discipline Specific Elective (Credit)	Generic Elective (Credit)	Ability Enhancement Compulsory Course (Credit)	Specific Elective Course (Credit)	Value Added Course (Credit)	Semester Credit
I	Bch-1.2 Financial Accounting (6)			Bch-1.1 English/MIL (4)	Bch-1.4 Creativity and Innovation (4)	VAC 1 (2)	24
	Bch-1.3 Business Organization and Management (6)					VAC 2 (2)	
II	Bch-2.2 Corporate Accounting (6)			Bch-2.1 Environmental Studies (4)	Bch-2.4 Entrepreneurship Development (4)	VAC 3 (2)	24
	Bch-2.3 Business Law (6)					VAC 4 (2)	
Exit Option With Certification- With Ability To Solve Well Defined Problems							
III	Bch-3.1 Management Accounting (6)		Bch-3.4 Accounting for everyone (6)			VAC 5 (2)	26
	Bch-3.2 Corporate Law (6)						
	Bch-3.3 Principles of Marketing (6)						
IV	Bch-4.1 Cost Accounting (6)		Bch-4.4 Financial Literacy (6)			VAC 6 (2)	26
	Bch-4.2 Business Mathematics (6)						
	Bch-4.3 Human Resource Management (6)						
Exit Option With Diploma – Ability To Solve Broadly Defined Problems							
V	Bch-5.1 Financial Management (6)	Bch-5.3 (One Course from Selected Elective Groups) (6)	Bch-5.4 Investing in Stock Market (6)			VAC 7 (2)	26
	Bch-5.2 Business Statistics (6)						
VI	Bch-6.1 Business Economics (6)	Bch-6.3 (One Course from Selected Elective Groups) (6)	Bch-6.4 Basics of Management (6)			VAC 8 (2)	26
	Bch-6.2 Income Tax Law and Practice (6)						



Exit Option With Bachelor Degree – Ability To Solve Complex Problems That Are Ill-Structured Requiring Multi-Disciplinary Skills To Solve Them							
VII	Bch-7.1 International Business (6)	Bch-7.3 (One Course from Selected Elective Groups) (6)	Bch-7.4 Rural Development (6)				24
	Bch-7.2 Goods & Services Tax and Custom Law (6)						
VIII	Bch-8.1 Research Methodology (6)	Bch-8.3 (Research Projects with Viva- Voce) (6)	Bch-8.4 Training & Development (6)				24
	Bch-8.2 Auditing (6)						



DEPARTMENT OF PSYCHOLOGY
BA (Hons) Psychology

Course structure for 4-Year Undergraduate Programmes

Semester	Core (Credit)	Discipline Specific Elective (DSE) (Credit)	Generic Elective Course (GEC), (Credit)	Ability Enhancement Compulsory Courses (AECC) (Credit)	Skill Enhancement Course (SEC) (Credit)	Value Addition Courses (VAC) (Credit)	Semester Credit
I	PY 501 Foundations of Psychology (6)			AECC-1 (4) English/MIL	PY 521 Stress Management (4)	VAC-1 (2)	24
	PY 502 Learning (6)					VAC-2 (2)	
II	PY 503 Social Psychology (6)			AECC-2 (4) Environmental Science	PY 522 Emotional Intelligence	VAC-3 (2)	24
	PY 504 Cognitive Psychology (6)					VAC-4 (2)	
Exit option with Bachelor's Certificate in a Discipline on completion of course equal to a minimum of 46 Credits							
III	PY 601 Biopsychology (6)		PY 631 General Psychology (6)			VAC-5 (2)	26
	PY 602 Basic Statistics in Psychology (6)						
	PY 603 Theories of Personality (6)						
IV	PY 604 Theories of Intelligence (6)		PY 632 Psychology of Human Relations (6)			VAC-6 (2)	26
	PY 605 System and Theories of Psychology (6)						
	PY 606 Psychological Testing (6)						
Exit option with Bachelor's Certificate in a Discipline on completion of course equal to a minimum of 96 Credits							
V	PY 701 Inferential Statistics (6)	DSE-1: One of the following PY 711 Positive Psychology (6) PY 712 Media and Psychology (6)	PY 731 Youth Psychology (6)			VAC-7 (2)	26
	PY 702 Development over the Life Span (6)						
VI	PY 703 Psychopathology (6)	DSE-2: One of the following PY 713 Health Psychology (6) PY 714 Community Psychology (6)	PY 732 Psychology of Personal Growth and Development (6)			VAC-8 (2)	26
	PY 704 Organizational Behaviour (6)						
Exit option with Bachelor's Certificate in a Discipline on completion of course equal to a minimum of 140 Credits							
VII	PY 801 Psychotherapy and Counselling (6)	DSE-3: One out of the following- PY 811 Career Guidance and Counselling (6) PY 812 Cultural and Indigenous Psychology (6)	PY 831 Psychology in Everyday Life (6)				24
	PY 802 Psycho-diagnostics (6)						
VIII	PY 803 Applied Social Psychology (6)	DSE-4: PY 813 Dissertation (6)	PY 832 Psychology for Health and Well-Being (6)				24
	PY 804 Research Methodology (6)						
Award a Bachelor's Degree with Honours in a Discipline on completion of courses equal to a minimum of 182 Credits							



DEPARTMENT OF BOTANY

B. Sc (Hons) Botany

Course structure for 4-Year Undergraduate Programmes

Semester-I

Core Courses		
Course Code	Title of the Paper	Credit
Botc-101	Viruses, Bacteria, Fungi and Plant Pathology	4
Botc-102(P)	Viruses, Bacteria, Fungi and Plant Pathology (Practical)	2
Botc-103	Algae, Bryophytes, Pteridophytes and Gymnosperms	4
Botc-104(P)	Algae, Bryophytes, Pteridophytes and Gymnosperms (Practical)	2
Ability Enhancement Compulsory Courses (AECC)		
	English/Mil	4
Skill Enhancement Courses (Sec) To Be Opted One Course		
Bots-105	Biofertilizers	2
Bots-106(P)	Biofertilizers (Practical)	2
Bots-107	Mushroom Cultivation	2
Bots-108(P)	Mushroom Cultivation (Practical)	2
Bots-109	Fermentation Technology	2
Bots-110(P)	Fermentation Technology (Practical)	2
Value Addition Courses (Vac) Two Courses To Be Opted from Central Pool		
	Theory/Practical	2
	Theory/Practical	2
Total Credit		24

Semester-II

Core Courses		
Course Code	Title of the Paper	Credit
Botc-201	Plant Systematics	4
Botc-202(P)	Plant Systematics (Practical)	2
Botc-203	Biomolecules And Cell Biology	4
Botc-204(P)	Biomolecules And Cell Biology (Practical)	2
Ability Enhancement Compulsory Courses (AECC)		
	Environmental Science	4



Skill Enhancement Courses (Sec) To Be Opted One Course		
Bots-205	Botanical Garden And Landscaping	2
Bots-206(P)	Botanical Garden And Landscaping (Practical)	2
Bots-207 Bots-208(P)	Nursery And Gardening	2
	Nursery And Gardening (Practical)	2
Bots-209	Floriculture	2
Bots-210(P)	Floriculture (Practical)	2
Value Addition Courses (Vac) Two Courses To Be Opted From Central Pool		
	Theory/Practical	2
	Theory/Practical	2
Total Credit	24	

Exit Option After First Year: Bachelor's Certificate In Botany (Level 5) On Completion Of 46 Credits

Semester III

Core Courses		
Course Code	Title of the Paper	Credit
Botc-301	Plant Metabolism	4
Botc-302(P)	Plant Metabolism (Practical)	2
Botc-303	Ecology And Phytogeography	4
Botc-304(P)	Ecology And Phytogeography (Practical)	2
Botc-305	Genetics And Cytogenetics	4
Botc-306(P)	Genetics And Cytogenetics (Practical)	2
Generic Elective Course (Gec) One Course To Be Opted From Other Discipline		
	Theory	6/4
	Practical	2/0
Value Addition Courses (Vac) One Course To Be Opted From Central Pool		
	Theory/Practical	2
Total Credit	26	



Semester IV

Core Courses		
Course Code	Title of the Paper	Credit
Botc-401 Botc-402(P)	Economic Botany And Plant Resource Utilization Economic Botany And Plant Resource Utilization (Practical)	4 2
Botc-403 Botc-404(P)	Molecular Biology Molecular Biology (Practical)	4 2
Botc-405 Botc-406(P)	Plant Morphology and Anatomy Plant Morphology and Anatomy (Practical)	4 2
Generic Elective Course (GEC) One Course To Be Opted From Other Discipline		
	Theory	6/4
	Practical	2/0
Value Addition Courses (Vac) One Course To Be Opted From Central Pool		
	Theory/Practical	2
Total Credit		26

Exit Option After Second Year: Bachelor's Diploma In Botany (Level 6) On Completion Of 96 Credits

Semester V

Core Courses		
Course Code	Title of the Paper	Credit
Botc-501 Botc-502(P)	Reproductive Biology Of Angiosperms Reproductive Biology Of Angiosperms (Practical)	4 2
Botc-503 Botc-504(P)	Plant Physiology Plant Physiology (Practical)	4 2
Discipline Specific Elective Course (Dse) To Be Opted One Course		
Botd-505 Botd-506(P)	Stress Physiology Stress Physiology (Practical)	4 2
Botd-507 Botd-508(P)	Plant Breeding Plant Breeding (Practical)	4 2
Botd-509 Botd-510(P)	Plant Pathology Plant Pathology (Practical)	4 2
Generic Elective Course (Gec) One Course To Be Opted From Other Discipline		
	Theory	6/4
	Practical	2/0



Value Addition Courses (Vac) One Course To Be Opted From Central Pool		
	Theory/Practical	2
Total Credit		26

Semester VI

Core Courses		
Course Code	Title of the Paper	Credit
Botc-601	Biostatistics And Bioinformatics	4
Botc-602(P)	Biostatistics And Bioinformatics (Practical)	2
Botc-603	Plant Biotechnology	4
Botc-604(P)	Plant Biotechnology (Practical)	2
Discipline Specific Elective Course (DSE) To Be Opted One Course		
Botd-605	Microbiology	4
Botd-606(P)	Microbiology (Practical)	2
Botd-607	Biodiversity Conservation	4
Botd-608(P)	Biodiversity Conservation (Practical)	2
Botd-609	Post-Harvest Technology	4
Botd-610(P)	Post-Harvest Technology (Practical)	2
Generic Elective Course (GEC) One Course To Be Opted From Other Discipline		
	Theory	6/4
	Practical	2/0
Value Addition Courses (Vac) One Course To Be Opted From Central Pool		
	Theory/Practical	2
Total Credit		26

Exit Option After Third Year: Bachelor's Degree In Botany (Level 7) On Completion Of 140 Credit

Semester VII

Core Courses		
Course Code	Title of the Paper	Credit
Botc-701 Botc-702(P)	Molecular Taxonomy Of Plants And Microbes Molecular Taxonomy Of Plants And Microbes (Practical)	4 2
Botc-703 Botc-704(P)	Recent Trends In Plant Sciences	4



	Recent Trends In Plant Sciences (Practical)	2
Discipline Specific Elective Course (Dse) To Be Opted One Course		
Botd-705 Botd-706(P)	Bioinstrumentation	4
	Bioinstrumentation (Practical)	2
Generic Elective Course (Gec) To Be Opted One Course From Other Discipline		
	Theory	6/4
	Practical	2/0
Total Credit		24

Semester VIII

Core Courses		
Course Code	Title of the Paper	Credit
Botc-801 Botc-802(P)	Environmental Challenges And Sustainable Development	4
	Environmental Challenges And Sustainable Development	2
	(Practical)	
Botc-803 Botc-804(P)	Research Methodology	4
	Research Methodology (Practical)	2
Discipline Specific Elective Course (Dse) To Be Opted One Course		
Botd-805	Project Work/Dissertation	6
Generic Elective Course (Gec) To Be Opted One Course From Other Discipline		
	Theory	6/4
	Practical	2/0
Total Credit		24

Exit Option After Fourth Year: Bachelor's Degree In Botany Honours (Level 8) On Completion Of 182 Credits



DEPARTMENT OF CHEMISTRY

B. Sc (Hons) Chemistry

Course structure for 4-Year Undergraduate Programmes

Semester	Core (Credit)	Discipline Specific Elective (Credit)	Generic Elective (Credit)	Ability Enhancement Compulsory Course (Credit)	Specific Elective Course (Credit)	Value Added Course (Credit)	Semester Credit
I	Ch-111: Inorganic Chemistry-I			Ch-Aecc-111: English For Communications.	Ch-Sec-113: Water Remediation & Conservation Studies	Ch-Vac-111	24
	Ch-112: Organic Chemistry-I					Ch-Vac-112	
II	Ch-120: Analytical Chemistry			Semester II: Ch-Aecc-112: Environmental Science	Ch-Sec-123: Chemistry In Everyday Life	Ch-Vac-123	24
	Ch-123: Physical Chemistry-I					Ch-Vac-124	
Exit Option With Certification- With Ability To Solve Well Defined Problems							
III	Ch-230: Green Chemistry		Ch-Gec-230: Atomic Structure, Bonding, General Organic Chemistry And Stereochemistry			Ch-Vac-235	26
	Ch-231: Inorganic Chemistry-Ii						
	Ch-233: Physical Chemistry-Ii						
IV	-240: Molecular Spectroscopy And Photochemistry		Ch-Gec-240: Chemical Energetics, Equilibria, Solutions And Hydrocarbons.			Ch-Vac-246	26
	-241: Inorganic Chemistry-Iii						
	Ch-242: Organic Chemistry-Ii						
Exit Option With Diploma – Ability To Solve Broadly Defined Problems							
V	-350: Introduction To Quantum Chemistry	Ch-Dse-351: Medicinal Chemistry	Ch-Gec-350: Ionic Equilibria, Electrochemistry And Functional			Ch-Vac-357	26



	-352: Organic Chemistry -Iii		Group Organic Chemistry				
VI	Ch-360: Materials Chemistry	Ch-Dse-364: Biochemistry	Ch-Gec-360: Chemistry Of S-, P-, D- And F-Block Elements, Liquids, Solids, Kinetic Theory And Chemical Kinetics			Ch-Vac-368	26
	Ch-363: Physical Chemistry Iii						
Exit Option With Bachelor Degree – Ability To Solve Complex Problems That Are Ill-Structured Requiring Multi-Disciplinary Skills To Solve Them							
VII	Ch-471: Advanced Chemistry- I	Polymer Chemistry – I	Ch-Gec-470: Coordination Chemistry And Spectroscopy				24
	Ch-472: Advanced Chemistry- Ii						
VIII	Ch- 481: Research Methodology	Ch-Dse-481: Advanced Material Chemistry	Ch-Gec-480: Chemistry Of Food, Nutrition And Preservation				24





DEPARTMENT OF MATHEMATICS

B. Sc (Hons) Mathematics (Level 5)

Course structure for 4-Year Undergraduate Programmes

Semester	Discipline Specific Core (DSC)	Discipline Specific Elective (DSE)	Generic elective Course (GEC), (To Be Selected From GEC Listings Of Other Disciplines) (Credit)	Ability Enhancement Compulsory Courses (AECC)	Skill Enhancement Course (SEC) Select Any one among A/B	Value addition Courses (VAC) (To be selected From VAC Listings of other Disciplines). (Credits)	Semester Credit
I	Mmc-101(6)			Aecc-101(4) English/Mil	Mmse-101a/B(4)	Vac-101(2)	24
	Mmc-102(6)					Vac-102(2)	
II	Mmc-203(6)			Aecc-202(4) Environmental Science	Mmse-202a/B(4)	Vac-203(2)	24
	Mmc-204(6)					Vac-204(2)	

Award of certificate in mathematics (After 1st year: Minimum 46 Credits)

Bachelor's diploma in mathematics (Level 6)

Semester	Discipline Specific Core (DSE)	Discipline Specific Elective (DSE)	Generic Elective Course (GEC), (Credit)	Ability Enhancement Compulsory Courses (AECC)	Skill Enhancement Course (SEC)	Value Addition Courses (VAC) (Credits)	Semester Credit
III	Mmc-305(6)		Mmge-301(6)			Vac-305(2)	26
	Mmc-306(6)						
	Mmc-307(6)						
IV	Mmc-408(6)		Mmge-402(6)			Vac-406(2)	26
	Mmc-409(6)						
	Mmc-410(6)						

Award of diploma in mathematics (After 2nd year: Minimum 96 Credits)

Bachelor's degree in mathematics (Level 7)



Semester	Discipline Specific core (DSC)	Discipline Specific Elective (DSE)	Generic elective Course (GEC), (Credit)	Ability Enhancement Compulsory Courses (AECC)	Skill Enhancement	Value Addition Courses (VAC) (Credits)	Semester Credit
V	Mmc-511(6)	Mme-501(6)	Mmge-503(6)			Vac-507(2)	26
	Mmc-512(6)						
VI	Mmc-613(6)	Mme-602(6)	Mmge-604(6)			Vac-608(2)	26
	Mmc-614(6)						

Award Of Bsc Degree In Mathematics (After 3rd year: Minimum 140 Credits)

Bachelor's (Hons) Degree (Level 8)

Semester	Discipline Specific core (DSC)	Discipline Specific elective (DSE)	Generic elective Course (GEC), (Credit)	Ability Enhancement Compulsory Courses (AECC)	Skill Enhancement Course (SEC)	Value Addition Courses (VAC) (Credits)	Semester Credit
VII	Mmc-715(6)	Mme-703(6)	Mmge-705(6)				24
	Mmc-716(6)						
VIII	Mmc-817(6)	Mme-804(6)	Mmge-806(6)				24
	Mmc-818(6)	/Research projects					

Award of BA/BSc degree with honours in mathematics on completion of course equal to a Minimum Of 182 (One Eight Two) Credits.



DEPARTMENT OF PHYSICS

B. Sc (Hons) Physics

Course structure for 4-Year Undergraduate Programmes

Bachelor's Certificate Physics (Level 5)							
Semester	Core (Credit)	Dse (Credit)	Gec (Credit)	Aecc (Credit)	Sec (Credit)	Vac (Credit)	Semester Credit
I	Phy 501c: Mathematical Physics (6)			English/ Mil (4)	Phy 202 A: Renewable Energy & Energy Harvesting (4)	<u>Vac01- (2)</u> Ek Bharat Shreshtha Bharat <u>Vac02-(2)</u> Special Education	24
	Phy 502c: Mechanics (6)						
II	Phy 503c: Electricity & Magnetism (6)			Aecc 202: Environmental Science	Phy 522: Renewable Energy & Energy Harvesting (4)	<u>Vac 03(2):</u> Culture <u>Vac 04(2):</u> Health Care	24
	Phy 504c: Waves And Optics (6)						
Award Of Certificate In Physics (After 1 Year: Minimum 46(Four Six) Credits)							
Bachelor's Diploma In Physics (Level 6)							
III	Phy 505c: Mathematical Physics (6)		Phge 301: Mechanics (6)			Vac 05 (2):	26
	Phy 506c: Thermal Physics (6)						
	Phy 507c: Digital System And Applications (6)						
IV	Phy 508c: Mathematical Physics (6)		Phge 402: Electricity And Magnetism (6)			Vac 06(2):	26
	Phy 509c: Elements Of Modern Physics (6)						
	Phy 510c: Analog System And Application (6)						
Award Of Diploma In Physics (After 2 Years: Minimum 96 (Nine Six) Credits)							
Bachelor's Degree In Physics (Level 7)							



V	Phy 511c: Quantum Mechanics And Application (6)		Phge 503: Solid State Physics (6)			Vac 07 (2):	26
	Phy 512c: Solid State Physics (6)		Phge 604: Waves And Optics (6)				
VI	Phy 513c: Electromagnetic Theory (6)	Phy 713: Physics Of Devices And Instrument	Phge 705: Elements Of Modern Physics (6)			Vac 08 (2):	26
	Phy 514c: Statistical Mechanics (6)						
Award Of B Sc Degree In Physics (After 3 Years: Minimum 140 (One Four One) Credits)							
Bachelor's (Hons) Degree (Level 8)							
VII	Phy 515c: Classical Mechanics (6)	Phy811: Astronomy And Astrophysics	Phge 806: Nuclear And Particles (6)				24
	Phy 516c: Quantum Mechanics (6)						
VIII	Phy 517c: Electrodynamics (6)	Phy 813: Atomic And Molecular Physics	Phge 806: Nuclear And Particles (6)				24
	Phy 518c: Electronics (6)						
Award Of B Sc Degree In Physics (After 4 Years: Minimum 182 (One Eight Two) Credits)							



DEPARTMENT OF ZOOLOGY

B. Sc. (Hons) Zoology

Course structure for 4-Year Undergraduate Programmes

Semester	Core (Credit)	Discipline Specific Elective (DSE) (Credit)	Generic Elective Course (GEC), (Credit)	Ability Enhancement Compulsory Courses (AECC) (Credit)	Skill Enhancement Course (SEC) (Credit)	Value Addition Courses (VAC) (Credit)	Semester Credit
I	Core-1 (6)			AECC-1 (4)	SEC-1 (4)	VAC-1 (2)	24
	Core-2 (6)			English/MIL		VAC-2 (2)	
II	Core-3 (6)			AECC-2 (4)	SEC-2 (4)	VAC-3 (2)	24
	Core-4 (6)			Environmental Science		VAC-4 (2)	
Exit option with Bachelor's Certificate in a Discipline on completion of course equal to a minimum of 46 Credits							
III	Core-5 (6)		GEC-1 (6)			VAC-5 (2)	26
	Core-6 (6)						
	Core-7 (6)						
IV	Core-8 (6)		GEC-2 (6)			VAC-6 (2)	26
	Core-9 (6)						
	Core-10 (6)						
Exit option with Bachelor's Certificate in a Discipline on completion of course equal to a minimum of 96 Credits							
V	Core-11 (6)	DSE-1 (6)	GEC-3 (6)			VAC-7 (2)	26
	Core-12 (6)						
VI	Core-13 (6)	DSE-2 (6)	GEC-4 (6)			VAC-8 (2)	26
	Core-14 (6)						
Exit option with Bachelor's Certificate in a Discipline on completion of course equal to a minimum of 140 Credits							
VII	Core-15 (6)	DSE-3 (6)	GEC-5 (6)				24
	Core-16 (6)						
VIII	Core-17 (6)	DSE-4 (6)	GEC-6 (6)				24
	Core-18 (6)						
Award a Bachelor's Degree with Honours in a Discipline on completion of courses equal to a minimum of 182 Credits							



DEPARTMENT OF ECONOMICS

B. Sc. (Hons) Economics

Course structure for 4-Year Undergraduate Programmes

SEM	CORE	DSE	GEC	AECC	SEC	VAC
I	BECC 103: Introductory Microeconomics			AECC 1	BECS 102: Orange Economics	VAC 1 & VAC 2
	BECC 104: Mathematical Methods for Economics-I					
II	BECC 203: Introductory Macroeconomics			AECC II	BECS202a: Research Methodology OR BECS202b: Contemporary Economic Issues	VAC 3 & VAC 4
	BECC 204: Mathematical Methods for Economics-II					
III	BECC301: Intermediate Microeconomics- I		BECG304: Introductory Microeconomics			VAC 5
	BECC302: Intermediate Macroeconomics- I					
	BECC303: Statistical Methods for Economics					
IV	BECC401: Intermediate Microeconomics- II		BECG404: Introductory Macroeconomics			VAC 6
	BECC402: Intermediate Macroeconomics- II					
	BECC403: Introductory Econometrics					



V	BECC501: Indian Economy-I	BECD503a/b/c/d/e	BECG504a: Indian Economy-I			VAC 7
	BECC502: Development Economics-I		OR BECG504b: Money and Banking			
VI	BECC601: Indian Economy-II	BECD803f/g/h/i/j	BECG604a: Indian Economy-II			VAC 8
	BECC602: Development Economics-II		OR BECG604b: Economic History of India 1857-1947			
VII	BECC701: International Economics	BECD503a/b/c/d/e	BECG704: Environmental Economics			
	BECC702: Public Finance					
VIII	BECC801: The Economy of Manipur	BECD803f/g/h/i/j OR Dissertation	BECG804: Public Finance			
	BECC802: Environmental Economics					

Discipline Specific Elective (DSE) Courses

Group I		Group II	
Index No.	Title	Index No.	Title
a	Political economy-I	f	Political Economy-II
b	Applied Econometrics	g	Comparative Economic Development (1850-1950)
c	Economic History of India (1857-1947)	h	Financial Economics
d	Money and Financial Markets	i	Economics of Health and Education
e	Cultural Economics	j	Identity Economics



Generic Elective Courses in Economics

Semester	Course Code	Course Title
III	BECG304	Introductory Microeconomics
IV	BECG404	Introductory Macroeconomics
V	BECG504a/b	Indian Economy-I / Money and Banking
VI	BECG604a/b	Indian Economy-II / Economic History of India 1857-1947
VII	BECG704	Environmental Economics
VIII	BECG804	Public Finance