



MIZORAM UNIVERSITY

Aizawl : Mizoram
Examination Department

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*A Central University Established by Parliament Act No.8 of 200 (25.3.2000)
(NAAC Accredited Grade 'A' Central University)*

FOREWORD

In a DO letter No. 1-12/2015(CM), dated 22nd December, 2015 addressed to the Vice Chancellor, Mizoram University, the Chairman of the UGC emphasized the need for an introduction of Choice-Based Credit System (CBCS) in bringing about qualitative improvement in the national higher education system. As we know the CBCS has already been included in the curriculum of different subjects in the Central universities both at Under Graduate and Post Graduate levels from the Academic Session of 2015-2016. The system has also been in place at Post Graduate level in Mizoram University from 2015-2016 sessions. It is contemplated that CBCS would be implemented at the Under Graduate level as well by all the universities minimizing the reasons for the delay. As a step towards facilitation of implementation of CBCS by the universities, the UGC has brought out detailed syllabi in consultation with various stakeholders, in as many as 107 Under Graduate courses as a template. Giving a high priority to the quality of teaching, Mizoram University has taken initiative and a regulation governing CBCS at Under Graduate level was thrashed out. The 28th and 29th Academic Council meeting considered and approved the draft Regulations of the Choice-Based Credit and Grading System for implementation in Under Graduate programmes (BA, B.Sc. & B.Com). From 2016-2017 academic sessions, all the admission, teaching, evaluation and result declaration of the above UG programmes shall be made as per the newly approved CBCS (UG) Regulations. All the Under Graduate syllabi are now available as published in this book for implementation from academic session of 2016-2017.

(Prof. R.L. THANMAWIA)
Controller of Examinations

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Internal Quality Assurance Cell
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Notification on Implementation of Choice Based Credit and Grading System in Undergraduate Programmes (Constituent & Affiliated Colleges)

In 28th and 29th Meetings of Academic Council, regulation governing the choice-based credit and grading system in UG programmes (B.A, B.Sc and B.Com) is approved for the implementation from academic session 2016-2017. From academic session 2016-2017, all the admissions, teaching, evaluation and result declaration of above undergraduate programmes shall be made as per the approved CBCS (UG) Regulations.

The Chairmen of BOS are hereby informed to make UG syllabus of concerned subject available to College(s) and ensure that it is implemented from academic session 2016-2017.


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FOUNDATION COURSES

Semester	Course Title	Code	Credits
<i>A. Elective Courses</i>			
I	ENGLISH - I	ENG/I/FC/01	5
II	ENGLISH - II	ENG/II/FC/02	5
III	HISTORY OF SCIENCE	HISTS/III/FC/03	5
	MIL-ENGLISH	MLENG/III/FC/04	5
	MIL-MIZO	MLMIZ/III/FC/05	5
	MIL-HINDI	MLHIN/III/FC/06	5
IV	ENVIRONMENTAL STUDIES	EVS/IV/FC/07	5

ENGLISH

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	History of English Literature	I	ENG/I/EC/01	6
II	History of English Languages & Phonetics	II	ENG/II/EC/02	6
III	Poetry & Short Stories	III	ENG/III/EC/03	6
IV	Fictions - I	IV	ENG/IV/EC/04	6
<i>B. Major Core Courses</i>				
V	Drama - I	V	ENG/V/CC/05	6
	Women's Writing	VI	ENG/V/CC/06	6
	Literary Theory & Criticism	VII	ENG/V/CC/07	6
	Fictions - II (<i>Option A</i>)	VIII(A)	ENG/V/CC/08 (A)	6
	Popular Studies (<i>Option B</i>)	VIII(B)	ENG/V/CC/08 (B)	6
VI	Indian Writing in English	IX	ENG/VI/CC/09	6
	Drama - II	X	ENG/VI/CC/10	6
	Literary Criticism	XI	ENG/VI/CC/11	6
	American Literature (<i>Option A</i>)	XII(A)	ENG/VI/CC/12 (A)	6
	Commonwealth Literature (<i>Option B</i>)	XII(B)	ENG/VI/CC/12 (B)	6

Note: Either option A or option B can be opted.



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MIZO

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Poetry - I	I	MIZ/I/EC/01	6
II	Drama - I	II	MIZ/II/EC/02	6
III	Fiction - I	III	MIZ/III/EC/03	6
IV	Essays	IV	MIZ/IV/EC/04	6
<i>B. Major Core Courses</i>				
V	Theory of Literature	V	MIZ/V/CC/05	6
	Selected English Poem	VI	MIZ/V/CC/06	6
	Poetry - II	VII	MIZ/V/CC/07	6
	Drama - II (<i>Option A</i>)	VIII(A)	MIZ/V/CC/08 (A)	6
	Prose Writings (<i>Option B</i>)	VIII(B)	MIZ/V/CC/08 (B)	6
VI	History of Mizo Literature	IX	MIZ/VI/CC/09	6
	Fiction - II	X	MIZ/VI/CC/10	6
	Mizo Language and Grammar	XI	MIZ/VI/CC/11	6
	English Literature Criticism (<i>Option A</i>); OR	XII(A)	MIZ/VI/CC/12 (A)	6
	English Prose (<i>Option B</i>)	XII(B)	MIZ/VI/CC/12 (B)	6

Note: Either option A or option B can be opted

HINDI

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Hindi Sahitya Ka Itihas (Aadikal Se Reetikal Tak)	I	HIN/I/EC/01	6
II	Hindi Kavya (Aadikaleen Avam Madhyakaleen)	II	HIN/II/EC/02	6
III	Hindi Sahitya Ka Itihas (Adhunik kal)	III	HIN/III/EC/03	6
IV	Hindi Gadya Sahitya - I	IV	HIN/IV/EC/04	6
<i>B. Major Core Courses</i>				
V	Adhunik Hindi Kavya	V	HIN/V/CC/05	6
	Hindi Gadya Sahitya - II	VI	HIN/V/CC/06	6
	Bhartiya Evam Pashchatya Kavya Shastra	VII	HIN/V/CC/07	6
	Katha Sahitya (<i>Option A</i>)	VIII(A)	HIN/V/CC/08 (A)	6
	Hindi Patrakarita (<i>Option B</i>)	VIII(B)	HIN/V/CC/08 (B)	6
VI	Adhunik Hindi Kavya (Chhayavadottar)	IX	HIN /VI/CC/09	6
	Bhasha Vigyan Aur Hindi Bhasha	X	HIN /VI/CC/10	6
	Prayojanmoolak Hinid	XI	HIN /VI/CC/11	6
	Bhaktikal (<i>Option A</i>)	XII(A)	HIN /VI/CC/12 (A)	6
	Chhayavad (<i>Option B</i>)	XII(B)	HIN /VI/CC/12 (B)	6

Note: Either option A or option B can be opted.

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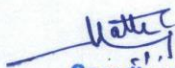
EDUCATION

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Psychological Foundation of Education	I	EDN/I/EC/01	6
II	Philosophical & Sociological Foundation of Education	II	EDN/II/EC/02	6
III	Development of Education in India	III	EDN/III/EC/03	6
IV	Issues and Trends in Contemporary India Education	IV	EDN/IV/EC/04	6
<i>B. Major Core Courses</i>				
V	Research Methodology in Education	V	EDN/V/CC/05	6
	Statistics in Education	VI	EDN/V/CC/06	6
	Educational Evaluation	VII	EDN/V/CC/07	6
	Educational Technology (Option A)	VIII(A)	EDN/V/CC/08 (A)	6
	Educational Guidance and Counseling (Option B)	VIII(B)	EDN/V/CC/08 (B)	6
VI	Curriculum Development	IX	EDN/VI/CC/09	6
	Educational Planning and Management	X	EDN/VI/CC/10	6
	Development of Educational Thought	XI	EDN/VI/CC/11	6
	Project Work (Option A); OR	XII(A)	EDN/VI/CC/12 (A)	6
	Pedagogy (Option B); OR	XII(B)	EDN/VI/CC/12 (B)	6
	Special Education (Option C)	XII(C)	EDN/VI/CC/12 (C)	6

Note: Either option A, B or C can be opted.

ECONOMICS

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Microeconomics - I	I	ECO/I/EC/01	6
II	Microeconomics - II	II	ECO/II/EC/02	6
III	Macroeconomics - I	III	ECO/III/EC/03	6
IV	Macroeconomics - II	IV	ECO/IV/EC/04	6
<i>B. Major Core Courses</i>				
V	Indian Economy	V	ECO/V/CC/05	6
	Public Finance	VI	ECO/V/CC/06	6
	Quantitative Techniques - I	VII	ECO/V/CC/07	6
	Agricultural Economics (Option A)	VIII(A)	ECO/V/CC/08 (A)	6
	Industrial Economics (Option B)	VIII(B)	ECO/V/CC/08 (B)	6
	Economic Development and Planning (Option C)	VIII(C)	ECO/V/CC/08 (C)	6
	Mathematical Economics - I (Option D)	VIII(D)	ECO/V/CC/08 (D)	6


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VI	Environmental Economics	IX	ECO/VI/EC/09	6
	Quantitative Techniques - II	X	ECO/VI/EC/10	6
	Financial Institutions and Markets	XI	ECO/VI/EC/11	6
	History of Economic Thought (Option A); OR	XII(A)	ECO/VI/EC/12 (A)	6
	International Trade (Option B); OR	XII(B)	ECO/VI/EC/12 (B)	6
	Econometrics (Option C); OR	XII(C)	ECO/VI/EC/12 (C)	6
	Mathematical Economics - II (Option D); OR	XII(D)	ECO/VI/EC/12 (D)	6
	Demography (Option E); OR	XII(E)	ECO/VI/EC/12 (E)	6
Computer and Software Applications in Economics (Option F)	XII(F)	ECO/VI/EC/12 (F)	6	


Note: Either option A, B, C, D, E or F can be opted.

SOCIOLOGY

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Introduction to Sociology	I	SOC/I/EC/01	6
II	Social Anthropology	II	SOC/II/EC/02	6
III	Sociology of Indian Society - I	III	SOC/III/EC/03	6
IV	Sociology of Indian Society - II	IV	SOC/IV/EC/04	6
<i>B. Major Core Courses</i>				
V	Social Change and Social Movement	V	SOC/V/CC/05	6
	Social Stratification	VI	SOC/V/CC/06	6
	Social Research	VII	SOC/V/CC/07	6
	Agrarian Sociology (Option A); OR	VIII(A)	SOC/V/CC/08 (A)	6
	Industrial Sociology (Option B)	VIII(B)	SOC/V/CC/08 (B)	6
VI	Sociological Theories	IX	SOC/VI/EC/09	6
	Rural Sociology	X	SOC/VI/EC/10	6
	Urban Sociology	XI	SOC/VI/EC/11	6
	Sociology of Gender (Option A); OR	XII(A)	SOC/VI/EC/12 (A)	6
	Political Sociology (Option B)	XII(B)	SOC/VI/EC/12 (B)	6

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PSYCHOLOGY


Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Basic Psychology-I - Theory	I	PSY/I/EC/01	4
	Basic Psychology-I - Practical		PSY/I/EC/02	2
II	Basic Psychology-II - Theory	II	PSY/II/EC/03	4
	Basic Psychology-II - Practical		PSY/II/EC/04	2
III	Life Span Development - Theory	III	PSY/III/EC/05	4
	Life Span Development - Practical		PSY/III/EC/06	2
IV	Health Psychology - Theory	IV	PSY/IV/EC/07	4
	Health Psychology - Practical		PSY/IV/EC/08	2
<i>B. Major Core Courses</i>				
V	Research Methodology	V	PSY/V/CC/09	4
	Project Work - Practical		PSY/V/CC/10	2
	Social Psychology - Theory	VI	PSY/V/CC/11	4
	Social Psychology - Practical		PSY/V/CC/12	2
	Emergence and Growth of Psychology - Theory	VII	PSY/V/CC/13	4
	Emergence and Psychology - Practical		PSY/V/CC/14	2
	Psychopathology-I - Theory	VIII	PSY/V/CC/15	4
	Psychopathology-I - Practical		PSY/V/CC/16	2
VI	Applied Psychology - Theory	IX	PSY/VI/CC/17	4
	Applied Psychology - Practical		PSY/VI/CC/18	2
	Counselling Psychology - Theory	X	PSY/VI/CC/19	4
	Counselling Psychology - Practical		PSY/VI/CC/20	2
	Physiological Psychology - Theory	XI	PSY/VI/CC/21	4
	Physiological Psychology - Practical		PSY/VI/CC/22	2
	Abnormal Psychology-II - Theory	XII	PSY/VI/CC/23	4
	Abnormal Psychology-II - Practical		PSY/VI/CC/24	2

GEOGRAPHY

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Physical Geography	I	GEOG/I/EC/01	6
II	Human Geography	II	GEOG/II/EC/02	6
III	Geography of India	III	GEOG/III/EC/03	6
IV	Cartographic Technique (Practical)	IV	GEOG/IV/EC/04	6
<i>B. Major Core Courses</i>				
V	Geographical Thought	V	GEOG/V/CC/05	6
	Economic Geography	VI	GEOG/V/CC/06	6


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	Surveying and Statistical Techniques	VII	GEOG/V/CC/07	6
	Population Geography (Option A)	VIII(A)	GEOG/V/CC/08 (A)	6
	Agricultural Geography (Option B)	VIII(B)	GEOG/V/CC/08 (B)	6
VI	Geomorphology	IX	GEOG/VI/CC/09	6
	Remote Sensing & Geographical Information System	X	GEOG/VI/CC/10	6
	Project Work - Practical	XI	GEOG/VI/CC/11	6
	Urban Geography (Option A)	XII(A)	GEOG/VI/CC/12 (A)	6
	Political Geography (Option B)	XII(B)	GEOG/VI/CC/12 (B)	6

Note: Either option A or B can be opted.


PUBLIC ADMINISTRATION

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Elements of Public Administration	I	PA/I/EC/01	6
II	Administrative Theory	II	PA/II/EC/02	6
III	Public Administration in India	III	PA/III/EC/03	6
IV	Public Personnel Administration	IV	PA/IV/EC/04	6
<i>B. Major Core Courses</i>				
V	Bureaucracy and Development	V	PA/V/CC/05	6
	Local Self Government in India	VI	PA/V/CC/06	6
	Economic Administration	VII	PA/V/CC/07	6
	Social Welfare Administration (Option A)	VIII(A)	PA/V/CC/08 (A)	6
	Civil Society and Administration (Option B)	VIII(B)	PA/V/CC/08 (B)	6
VI	Political and Administrative Institutions in Hill Areas of North East India	IX	PA/VI/CC/09	6
	Administration of United Nations	X	PA/VI/CC/10	6
	Office Management in Government	XI	PA/VI/CC/11	6
	Police Administration (Option A)	XII(A)	PA/VI/CC/12 (A)	6
	Rural and Tribal Development Administration (Option B)	XII(B)	PA/VI/CC/12 (B)	6

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POLITICAL SCIENCE

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Govt. & Politics of Mizoram	I	POLS/I/EC/01	6
II	Indian Govt. & Politics	II	POLS/II/EC/02	6
III	Major Political Systems	III	POLS/III/EC/03	6
IV	Political Theory	IV	POLS/IV/EC/04	6
<i>B. Major Core Courses</i>				
V	Western Political Thought	V	POLS/V/CC/05	6
	International Relations	VI	POLS/V/CC/06	6
	Public Administration	VII	POLS/V/CC/07	6
	Human Rights (<i>Option A</i>); OR	VIII(A)	POLS/V/CC/08 (A)	6
	Women and Political Process (<i>Option B</i>)	VIII(B)	POLS/V/CC/08 (B)	6
VI	Indian Political Thought	IX	POLS/VI/CC/09	6
	Indian Foreign Policy	X	POLS/VI/CC/10	6
	The United Nations	XI	POLS/VI/CC/11	6
	Political Sociology (<i>Option A</i>)	XII(A)	POLS/VI/CC/12 (A)	6
	South East Asia Politics (<i>Option B</i>)	XII(A)	POLS/VI/CC/12 (B)	6
	South Asia: Economy, Society and Politics (<i>Option C</i>)	XII(C)	POLS/VI/CC/12 (C)	6


Note: Either option A, B or C can be opted.

HISTORY

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	History of Mizoram (Up to the 1960s)	I	HIST/I/EC/01	6
II	History of India upto Maurya Period	II	HIST/II/EC/02	6
III	History of India (Gupta to Sultanate Period)	III	HIST/III/EC/03	6
IV	History of Mughals	IV	HIST/IV/EC/04	6
<i>B. Major Core Courses</i>				
V	Modern Indian - I	V	HIST/V/CC/05	6
	Historiography	VI	HIST/V/CC/06	6
	Early Modern Europe	VII	HIST/V/CC/07	6
	History of North East India (4th to 13th Centuries)(Option A)	VIII(A)	HIST/V/CC/08 (A)	6
	History of North East India (1228-1822)(Option B)	VIII(B)	HIST/V/CC/08 (B)	6
	History of North East India (1822-1986)(Option C)	VIII(C)	HIST/V/CC/08 (C)	6
VI	Modern World History	IX	HIST/VI/CC/9	6
	Contemporary World	X	HIST/VI/CC/10	6
	Modern Indian - II	XI	HIST/VI/CC/11	6


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	History of USA (1776-1945) (Option A); OR	XII(A)	HIST/VI/CC/12 (A)	6
	History of Modern South East Asia (Option B); OR	XII(B)	HIST/VI/CC/12 (B)	6
	History of Modern China (Option C); OR	XII(C)	HIST/VI/CC/12 (C)	6
	History of Modern Japan (Option D)	XII(D)	HIST/VI/CC/12 (D)	6

Note: Either option A, B, C or D can be opted.


PHILOSOPHY

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Epistemology and Metaphysics	I	PHL/I/EC/01	6
II	Ethics	II	PHL/II/EC/02	6
III	Logic	III	PHL/III/EC/03	6
IV	History of Western Philosophy	IV	PHL/IV/EC/04	6
<i>B. Major Core Courses</i>				
V	Indian Philosophy - I	V	PHL/V/CC/05	6
	Philosophy of Religion - I	VI	PHL/V/CC/06	6
	Social and Political Philosophy - I	VII	PHL/V/CC/07	6
	Phenomenology and Existentialism - I (Option A)	VIII(A)	PHL/V/CC/08 (A)	6
	Philosophy of Mind - I (Option B)	VIII(B)	PHL/V/CC/08 (B)	6
VI	Indian Philosophy - II	IX	PHL/VI/CC/09	6
	Philosophy of Religion - II	X	PHL/VI/CC/10	6
	Social and Political Philosophy - II	XI	PHL/VI/CC/11	6
	Phenomenology and Existentialism - II (Option A); OR	XII(A)	PHL/VI/CC/12 (A)	6
	Philosophy of Mind - II (Option B)	XII(B)	PHL/VI/CC/12 (B)	6

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COMMERCE

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Fundamentals of Accounting	I	BCOM/I/EC/01	6
	Business Organization & Management	II	BCOM/I/EC/02	6
	Computer Application in Business - Theory	III	BCOM/I/EC/03	4
	Computer Application in Business - Practical	IV	BCOM/I/EC/04	2
II	Functional Areas of Business	V	BCOM/II/EC/05	6
	Cost Accounting	VI	BCOM/II/EC/06	6
	Banking and Insurance	VII	BCOM/II/EC/07	6
III	Indian Economy	VIII	BCOM/III/EC/08	6
	Management Accounting	IX	BCOM/III/EC/09	6
	Business Regulatory Framework	X	BCOM/III/EC/10	6
IV	Entrepreneurship - Theory	XI	BCOM/IV/EC/11	4
	Entrepreneurship - Project Work	XII	BCOM/IV/EC/12	2
	Industrial and Company Laws	XIII	BCOM/IV/EC/13	6
	Quantitative Techniques	XIV	BCOM/IV/EC/14	6
<i>B. Major Core Courses</i>				
V	Business Economics	XV	BCOM/V/CC/15	6
	Income Tax Law and Practice	XVI	BCOM/V/CC/16	6
	Indian Financial Systems	XVII	BCOM/V/CC/17	6
	Financial Management (A)	XVIII(A)	BCOM/V/CC/18A	6
	Principles of Marketing (B)	XVIII(B)	BCOM/V/CC/18B	6
	Internet and www (C) - Theory	XVIII(C)	BCOM/V/CC/18C	6
	Internet and www (C) - Practical		BCOM/V/CC/18C-PR	6
VI	Auditing and Corporate Governance	XIX	BCOM/VI/CC/19	6
	Financial Accounting	XX	BCOM/VI/CC/20	6
	Corporate Accounting	XXI	BCOM/VI/CC/21	6
	Capital Market Operations (Option A)	XXII(A)	BCOM/VI/CC/22 (A)	6
	Agricultural and Rural Marketing (Option B)	XXII(B)	BCOM/VI/CC/22 (B)	6
	Essential of E-Commerce (Option C)	XXII(C)	BCOM/VI/CC/22 (C)	4
	Essential of E-Commerce (Option C)		BCOM/VI/CC/23 (C)	2


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HOME SCIENCE

Sem	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Introduction to Family Resource Management - Theory	I	HS/I/EC/01	4
	Introduction to Family Resource Management - Practical		HS/I/EC/02	2
	Chemistry - Theory	II	HS/I/EC/03	4
	Chemistry - Practical		HS/I/EC/04	2
	Textiles- Theory	III	HS/I/EC/05	4
	Textiles - Practical		HS/I/EC/06	2
II	Introduction to Nutrition - Theory	IV	HS/II/EC/07	4
	Introduction to Nutrition - Practical		HS/II/EC/08	2
	Biochemistry - Theory	V	HS/II/EC/09	4
	Biochemistry - Practical		HS/II/EC/10	2
	Extension Education - Theory	VI	HS/II/EC/11	4
	Extension Education - Practical		HS/II/EC/12	2
III	Extension Education & Communication - Theory	VII	HS/III/EC/13	4
	Extension Education & Communication - Practical		HS/III/EC/14	2
	Physiology - Theory	VIII	HS/III/EC/15	4
	Physiology - Practical		HS/III/EC/16	2
	Household Equipment & Consumer Education - Theory	IX	HS/III/EC/17	4
	Household Equipment & Consumer Education - Practical		HS/III/EC/18	2
IV	Human Development- Childhood - Theory	X	HS/IV/EC/19	4
	Human Development- Childhood - Practical		HS/IV/EC/20	2
	Clothing & Textile - Theory	XI	HS/IV/EC/21	4
	Clothing & Textile - Practical		HS/IV/EC/22	2
	Nutrition for the Family - Theory	XII	HS/IV/EC/23	4
	Nutrition for the Family - Practical		HS/IV/EC/24	2
<i>B. Major Core Courses</i>				
V	Family and Child Welfare - Theory	XIII	HS/V/CC/25	4
	Family and Child Welfare - Practical		HS/V/CC/26	2
	Early Childhood Education - Theory	XIV	HS/V/CC/27	4
	Early Childhood Education - Practical		HS/V/CC/28	2
	Garment Design - Theory	XV	HS/V/CC/29	4
	Garment Design - Practical		HS/V/CC/30	2
	Dietetics - Theory (Option A)	XVI	HS/V/CC/31 (A)	4
	Dietetics - Practical (Option A)		HS/V/CC/32 (A)	2
	Food Processing & Preservation Technology- Theory (B)	XVII	HS/V/CC/31 (B)	4


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	Food Processing & Preservation Technology - Practical (Option B)		HS/V/CC/32 (B)	2
VI	Child Psychology - Theory	XVIII	HS/VI/CC/33	4
	Child Psychology - Practical		HS/VI/CC/34	2
	Human Development - Adolescence and Adulthood - Theory	XIX	HS/VI/CC/35	4
	Human Development - Adolescence and Adulthood - Practical		HS/VI/CC/36	2
	Housing and Interior Space Management	XX	HS/VI/CC/37	4
	House and Interior Management - Practical		HS/VI/CC/38	2
	Community Development - Theory (Option A)	XXI	HS/VI/CC/39 (A)	4
	Community Development - Practical (Option A)		HS/VI/CC/40 (A)	2
	Management and Practices of Extension Education - Theory (Option B)	XXII	HS/VI/CC/39 (B)	4
	Management and Practices of Extension Education - Practical (Option B)		HS/VI/CC/40 (B)	2


Note: Either Option A or B along with their corresponding practical course can be opted.

CHEMISTRY

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Inorganic Chemistry - Theory	I	CHEM/I/EC/01	4
	Inorganic Chemistry - Practical		CHEM/I/EC/02	2
II	Organic Chemistry-I - Theory	II	CHEM/II/EC/03	4
	Organic Chemistry-II - Practical		CHEM/II/EC/04	2
III	Physical Chemistry-I - Theory	III	CHEM/III/EC/05	4
	Physical Chemistry-I - Practical		CHEM/III/EC/06	2
IV	Analytical Chemistry-I - Theory	IV	CHEM/IV/EC/07	4
	Analytical Chemistry-I - Practical		CHEM/IV/EC/08	2
<i>B. Major Core Courses</i>				
V	Inorganic Chemistry-II - Theory	V	CHEM/V/CC/09	4
	Inorganic Chemistry-II - Practical		CHEM/V/CC/10	2
	Organic Chemistry-II - Theory	VI	CHEM/V/CC/11	4
	Organic Chemistry-II - Practical		CHEM/V/CC/12	2
	Physical Chemistry-II - Theory	VII	CHEM/V/CC/13	4
	Physical Chemistry-II - Practical		CHEM/V/CC/14	2
	Analytical Chemistry (Option A)	VIII	CHEM/V/CC/15 (A)	6
	Industrial Chemistry (Option B)		CHEM/V/CC/15 (B)	6
VI	Inorganic Chemistry-III - Theory	IX	CHEM/VI/CC/16	4
	Inorganic Chemistry-III - Practical		CHEM/VI/CC/17	2


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	Organic Chemistry-III - Theory	X	CHEM/VI/CC/18	4
	Organic Chemistry-III - Practical		CHEM/VI/CC/19	2
	Physical Chemistry-III - Theory	XI	CHEM/VI/CC/20	4
	Physical Chemistry-III - Practical		CHEM/VI/CC/21	2
	Material Chemistry (Option A)	XII(A)	CHEM/VI/CC/22 (A)	6
	Natural Products (Option B)	XII(B)	CHEM/VI/CC/22 (B)	6


Note: Either Option A or B along with their corresponding practical course can be opted.

PHYSICS

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Properties of Matter, Oscillation and Acoustics - Theory	I	PHY/I/EC/01	4
	Laboratory - I		PHY/I/EC/02	2
II	Thermodynamics & Mathematical Physics - Theory	II	PHY/II/EC/03	4
	Laboratory - II		PHY/II/EC/04	2
III	Electromagnetism & Optics - Theory	III	PHY/III/EC/05	4
	Laboratory - III		PHY/III/EC/06	2
IV	Atomic, Nuclear Physics & Solid State Physics	IV	PHY/IV/EC/07	4
	Laboratory - IV		PHY/IV/EC/08	2
<i>B. Major Core Courses</i>				
V	Mathematical Physics-II - Theory	V	PHY/V/CC/09	4
	Electronics - I	VI	PHY/V/CC/10	4
	Classical Mechanics and Nuclear Physics	VII	PHY/V/CC/11	4
	Laboratory - V	VIII	PHY/V/CC/12	3
	Laboratory - VI	IX	PHY/V/CC/13	3
	Atomic and Molecular Spectroscopy-Theory (Option A)	X	PHY/V/CC/14 (A)	4
	Laboratory - VII	XI	PHY/V/CC/15	2
	C-Language and Num. Method-Theory (Option B)	XII	PHY/V/CC/14 (B)	4
	Laboratory - VIII	XIII	PHY/V/CC/14P	2
VI	Quantum Mechanics - Theory	XIV	PHY/VI/CC/16	4
	Electromagnetic Theory - Theory	XV	PHY/VI/CC/17	4
	Thermal & Statistical Physics - Theory	XVI	PHY/VI/CC/18	4
	Laboratory - IX	XVII	PHY/VI/CC/19	3
	Laboratory - X	XVIII	PHY/VI/CC/20	3
	Solid State Physics - Theory (Option A)	XIX	PHY/VI/CC/21 (A)	4
	Electronics-II - Theory (Option B)	XX	PHY/VI/CC/21 (B)	4
	Laboratory - XI	XXI	PHY/VI/CC/22	2
	Laboratory - XII	XXII	PHY/VI/CC/23	2


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BOTANY

Sem	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Cryptogams - Theory	I	BOT/I/EC/01	4
	Cryptogams - Practical		BOT/I/EC/02	2
II	Phanerogams - Theory	II	BOT/II/EC/03	4
	Phanerogams - Practical		BOT/II/EC/04	2
III	Plant Physiology, Biochemistry , Ecology - Theory	III	BOT/III/EC/05	4
	Plant Physiology, Biochemistry , Ecology - Practical		BOT/III/EC/06	2
IV	Microbiology, Cytology, Genetics, Evolution - Theory	IV	BOT/IV/EC/07	4
	Microbiology, Cytology, Genetics, Evolution - Practical		BOT/IV/EC/08	2
<i>B. Major Core Courses</i>				
V	Fungi, Plant, Pathology, Biostatistics - Theory	V	BOT/V/CC/09	4
	Fungi, Plant, Pathology, Biostatistics - Practical		BOT/V/CC/10	2
	Algae, Lichen, Bryophytes - Theory	VI	BOT/V/CC/11	4
	Algae, Lichen, Bryophytes - Practical		BOT/V/CC/12	2
	Cytogenetics, Plant Breeding, Bioinformatics - Theory	VII	BOT/V/CC/13	4
	Cytogenetics, Plant Breeding, Bioinformatics - Practical		BOT/V/CC/14	2
	Environmental Biology, Ethnobotany - Theory	VIII	BOT/V/CC/15	4
	Environmental Biology, Ethnobotany - Practical		BOT/V/CC/16	2
VI	Pteridophytes, Gymnosperms, Palaeobotany, Palynology - Theory	IX	BOT/VI/CC/17	4
	Pteridophytes, Gymnosperms, Palaeobotany, Palynology - Practical		BOT/VI/CC/18	2
	Angiosperm, Taxonomy, Anatomy, Embryology - Theory	X	BOT/VI/CC/19	4
	Angiosperm, Taxonomy, Anatomy, Embryology - Practical		BOT/VI/CC/20	2
	Plant Metabolism, Biochemistry, Thermodynamics - Theory	XI	BOT/VI/CC/21	4
	Plant Metabolism, Biochemistry, Thermodynamics - Practical		BOT/VI/CC/22	2
	Plant Biotechnology, Experimental Embryology - Theory	XII	BOT/VI/CC/23	4
	Plant Biotechnology, Experimental Embryology - Practical		BOT/VI/CC/24	2


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BIOTECHNOLOGY

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Cell Biology and Biomolecules - Theory	I	BIOTECH/I/EC/01	4
	Cell Biology and Biomolecules - Practical		BIOTECH/I/EC/02	2
II	Biochemistry - Theory	II	BIOTECH/II/EC/03	4
	Biochemistry - Practical		BIOTECH/II/EC/04	2
III	Microbiology - Theory	III	BIOTECH/III/EC/05	4
	Microbiology - Practical		BIOTECH/III/EC/06	2
IV	Genetics - Theory	IV	BIOTECH/IV/EC/07	4
	Genetics - Practical		BIOTECH/IV/EC/08	2
<i>B. Major Core Courses</i>				
V	Molecular Biology - Theory	V	BIOTECH/V/CC/09	4
	Molecular Biology - Practical		BIOTECH/V/CC/10	2
	Recombinant DNA Technology - Theory	VI	BIOTECH/V/CC/11	4
	Recombinant DNA Technology - Practical		BIOTECH/V/CC/12	2
	Biostatistics and Bioinformatics - Theory	VII	BIOTECH/V/CC/13	4
	Biostatistics and Bioinformatics - Practical		BIOTECH/V/CC/14	2
	Environmental Biotechnology - Theory	VIII	BIOTECH/V/CC/15	4
	Environmental Biotechnology - Practical		BIOTECH/V/CC/16	2
VI	Plant Biotechnology - Theory	IX	BIOTECH/VI/CC/17	4
	Plant Biotechnology - Practical		BIOTECH/VI/CC/18	2
	Animal Biotechnology - Theory	X	BIOTECH/VI/CC/19	4
	Animal Biotechnology - Practical		BIOTECH/VI/CC/20	2
	Immunology - Theory	XI	BIOTECH/VI/CC/21	4
	Immunology - Practical		BIOTECH/VI/CC/22	2
	Medical Biotechnology - Theory	XII	BIOTECH/VI/CC/23	4
	Medical Biotechnology - Practical		BIOTECH/VI/CC/24	2

ZOOLOGY

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Biosystematics and Biology of Non-chordates - Theory	I	ZOO/I/EC/01	4
	Biosystematics and Biology of Non-chordates - Practical		ZOO/I/EC/02	2
II	Biology of Chordates and Comparative Anatomy - Theory	II	ZOO/II/EC/03	4
	Biology of Chordates and Comparative Anatomy - Practical		ZOO/II/EC/04	2
III	Evolution and Ethology - Theory	III	ZOO/III/EC/05	4
	Evolution and Ethology - Practical		ZOO/III/EC/06	2


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IV	Endocrinology and Reproduction Biology - Theory	IV	ZOO/IV/EC/07	4
	Endocrinology and Reproduction Biology - Practical		ZOO/IV/EC/08	2
<i>B. Major Core Courses</i>				
V	Cell Biology - Theory	V	ZOO/V/CC/09	4
	Cell Biology - Practical		ZOO/V/CC/10	2
	Animal Physiology - Theory	VI	ZOO/V/CC/11	4
	Animal Physiology - Practical		ZOO/V/CC/12	2
	Biochemistry - Theory	VII	ZOO/V/CC/13	4
	Biochemistry - Practical		ZOO/V/CC/14	2
	Applied Zoology - Theory (Option A)	VIII(A)	ZOO/V/CC/15 (A)	4
	Applied Zoology - Practical (Option A)		ZOO/V/CC/16 (A)	2
	Entomology - Theory (Option B)	VIII(B)	ZOO/V/CC/15 (B)	4
	Entomology - Practical (Option B)		ZOO/V/CC/16 (B)	2
VI	Molecular Biology and Genetics - Theory	IX	ZOO/VI/CC/17	4
	Molecular Biology and Genetics - Practical		ZOO/VI/CC/18	2
	Developmental Biology - Theory	X	ZOO/VI/CC/19	4
	Developmental Biology - Practical		ZOO/VI/CC/20	2
	Parasitology and Immunology - Theory	XI	ZOO/VI/CC/21	4
	Parasitology and immunology - Practical		ZOO/VI/CC/22	2
	Biotechnology and Bioinformatics - Theory (Option A)	XII(A)	ZOO/VI/CC/23 (A)	4
	Biotechnology and Bioinformatics - Practical (Option A)		ZOO/VI/CC/24 (A)	2
	Animal Ecology and Wildlife - Theory (Option B)	XII(B)	ZOO/VI/CC/23 (B)	4
	Animal Ecology and Wildlife - Practical (Option B)		ZOO/VI/CC/24 (B)	2

Note: Either Option A or B along with their corresponding practical course can be opted.


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B.Sc MATHEMATICS

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Calculus	I	MATH/I/EC/01	6
II	Algebra	II	MATH/II/EC/02	6
III	Differential Equations	III	MATH/III/EC/03	6
IV	Vector Calculus and Solid Geometry	IV	MATH/IV/EC/04	6
<i>B. Major Core Courses</i>				
V	Computer Oriented Numerical Analysis	V	MATH/V/CC/05	6
	Real Analysis	VI	MATH/V/CC/06	6
	Complex Analysis	VII	MATH/V/CC/07	6
	Operational Research (Option A)	VIII(A)	MATH/V/CC/08 (A)	6
	Probability Theory (Option B)	VIII(B)	MATH/V/CC/08 (B)	6
	Computer Programming in Fortran - Theory (C)	VIII(C)	MATH/V/CC/08 (C)	6
	Computer Programming in Fortran -Practical (D)	VIII(D)	MATH/V/CC/08 (D)	6
VI	Modern Algebra	IX	MATH/VI/CC/09	6
	Advanced Calculus	X	MATH/VI/CC/10	6
	Mechanics	XI	MATH/VI/CC/11	6
	Astronomy (Option A)	XII(A)	MATH/VI/CC/12 (A)	6
	Elementary Number Theory (B)	XII(B)	MATH/VI/CC/12 (B)	6
	Computer Programming in C - Theory (C)	XII(C)	MATH/VI/CC/12 (C)	6
	Computer Programming in C - Practical (D)	XII(D)	MATH/VI/CC/12 (D)	6


Note: Either Option A, B, C or D can be opted.

STATISTICS

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Descriptive Statistics - Theory	I	STA/I/EC/01	4
	Descriptive Statistics - Practical		STA/I/EC/02	2
II	Probability and Probability Distribution - Theory	II	STA/II/EC/03	4
	Probability and Probability Distribution - Practical		STA/II/EC/04	2
III	Survey Sampling and Indian Official Statistics - Theory	III	STA/III/EC/05	4
	Survey Sampling and Indian Official Statistics - Practical		STA/III/EC/06	2
IV	Statistical Interference-I - Theory	IV	STA/IV/EC/07	4
	Statistical Interference-I - Practical		STA/IV/EC/08	2
<i>B. Major Core Courses</i>				
V	Statistical Interference-II - Theory	V	STA/V/CC/09	4
	Statistical Interference-II - Practical		STA/V/CC/10	2


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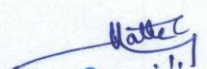

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	Sampling Distribution - Theory	VI	STA/V/CC/11	4
	Sampling Distribution - Practical		STA/V/CC/12	2
	Linear Model and Design of Experiment - Theory	VII	STA/V/CC/13	4
	Linear Model and Design of Experiment - Practical		STA/V/CC/14	2
	Biostatistics - Theory (Option A)	VIII(A)	STA/V/CC/15 (A)	4
	Biostatistics - Practical (Option A)		STA/V/CC/16 (A)	2
	Numerical Methods - Theory (Option B)	VIII(B)	STA/V/CC/15 (B)	4
	Numerical Methods - Practical (Option B)		STA/V/CC/16 (B)	2
VI	Operation Research - Theory	IX	STA/VI/CC/17	4
	Operation Research - Practical		STA/VI/CC/18	2
	Applied Statistics - Theory	X	STA/VI/CC/19	4
	Applied Statistics - Practical		STA/VI/CC/20	2
	Stochastic Processes and Quenching - Theory	XI	STA/VI/CC/21	4
	Stochastic Processes and Quenching - Practical		STA/VI/CC/22	2
	Statistical Computing - Theory (Option A)	XII(A)	STA/VI/CC/23 (A)	4
	Statistical Computing - Practical (Option A)		STA/VI/CC/24 (A)	2
	Project Work (Option B)	XII(B)	STA/VI/CC/23 (B)	6


Note: Either Option A or B along with their corresponding practical course can be opted.

ENVIRONMENTAL SCIENCE

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Fundamentals of Environmental Science - Theory	I	EVS/I/EC/01	4
	Fundamentals of Environmental Science - Practical		EVS/I/EC/02	2
II	Natural Resources - Theory	II	EVS/II/EC/03	4
	Natural Resources - Practical		EVS/II/EC/04	2
III	Environmental Pollution - Theory	III	EVS/III/EC/05	4
	Environmental Pollution - Practical		EVS/III/EC/06	2
IV	Environmental Monitoring and Control Technology - Theory	IV	EVS/IV/EC/07	4
	Environmental Monitoring and Control Technology - Practical		EVS/IV/EC/08	2


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<i>B. Major Core Courses</i>				
V	Biodiversity and Sustainable Development - Theory	V	EVS/V/CC/09	4
	Biodiversity and Sustainable Development - Practical		EVS/V/CC/10	2
	Environmental Biology - Theory	VI	EVS/V/CC/11	4
	Environmental Biology - Practical		EVS/V/CC/12	2
	Environmental Chemistry - Theory	VII	EVS/V/CC/13	4
	Environmental Chemistry - Practical		EVS/V/CC/14	2
	Environmental Issues, Geoscience and Remote Sensing - Theory	VIII	EVS/V/CC/15	4
	Environmental Issues, Geoscience and Remote Sensing - Practical		EVS/V/CC/16	2
VI	Environmental Toxicology and Health - Theory	IX	EVS/VI/CC/17	4
	Environmental Toxicology and Health - Practical		EVS/VI/CC/18	2
	Environmental Statistics and Computer Application - Theory	X	EVS/VI/CC/19	4
	Environmental Statistics and Computer Application - Practical		EVS/VI/CC/20	2
	Environmental Assessment and Legislations - Theory	XI	EVS/VI/CC/21	4
	Environmental Assessment and Legislations - Practical		EVS/VI/CC/22	2
	Environmental Management and Protection - Theory	XII	EVS/VI/CC/23	4
	Environmental Management and Protection - Practical & Dissertation		EVS/VI/CC/24	2

BIOCHEMISTRY

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Basic Biochemistry - Theory	I	BCHEM/I/EC/01	4
	Basic Biochemistry - Practical		BCHEM/I/EC/02	2
II	Physiological Chemistry & Metabolism - Theory	II	BCHEM/II/EC/03	4
	Physiological Chemistry & Metabolism - Practical		BCHEM/II/EC/04	2
III	Enzymology and Metabolism - Theory	III	BCHEM/III/EC/05	4
	Enzymology and Metabolism - Practical		BCHEM/III/EC/06	2
IV	Molecular Biology - Theory	IV	BCHEM/IV/EC/07	4
	Molecular Biology - Practical		BCHEM/IV/EC/08	2


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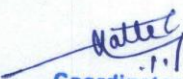



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ELECTRONICS

Semester	Course Title	Papers	Code	Credits
<i>A. Elective Courses</i>				
I	Electronic Instruments and Circuit Analysis - Theory	I	EL/I/EC/01	4
	Laboratory - I		EL/I/EC/02	2
II	Semiconductor Physics - Theory	II	EL/II/EC/03	4
	Laboratory - II		EL/II/EC/04	2
III	Electronic Devices and Amplifier - Theory	III	EL/III/EC/05	4
	Laboratory - III		EL/III/EC/06	2
IV	Pulse Switching Circuits - Theory	IV	EL/IV/EC/07	4
	Laboratory - IV		EL/IV/EC/08	2
<i>B. Major Core Courses</i>				
V	Transmission Line and Radar System - Theory		EL/V/CC/09	4
	Analog Circuits and Modulation - Theory		EL/V/CC/10	4
	Computer Fundamentals		EL/V/CC/11	4
	Laboratory - V		EL/V/CC/12	3
	Laboratory - VI		EL/V/CC/13	3
	Electronic Instruments - Theory (Option A)		EL/V/CC/14 (A)	4
	Solid State Electronics - Theory (Option B)		EL/V/CC/14 (B)	4
	Project - I		EL/V/CC/15	2
VI	Analog and Digital Electronics - Theory		EL/VI/CC/16	4
	Computer Organization and Microprocessor - Theory		EL/VI/CC/17	4
	Optic Electronic Devices - Theory		EL/VI/CC/18	4
	Laboratory - VII		EL/VI/CC/19	3
	Laboratory - VIII		EL/VI/CC/20	3
	Power Electronic Devices - Theory (Option A)		EL/VI/CC/21 (A)	4
	Fiber Optics and Electronic Communication - Theory (Option B)		EL/VI/CC/21 (B)	4
	Project - II (Practical)		EL/VI/CC/22	2

Note: Either Option A or B along with their corresponding practical course can be opted.


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GEOLOGY

Semester	Course Title	Papers	Code	Credits	
<i>A. Elective Courses</i>					
I	General & Structural Geology and Mineralogy - Theory	I	GEOL/I/EC/01	4	
	General & Structural Geology and Mineralogy - Practical		GEOL/I/EC/02	2	
II	Petrology and Geochemistry - Theory	II	GEOL/II/EC/03	4	
	Petrology and Geochemistry - Practical		GEOL/II/EC/04	2	
III	Stratigraphy and Paleontology-I - Theory	III	GEOL/III/EC/05	4	
	Stratigraphy and Paleontology-I - Practical		GEOL/III/EC/06	2	
IV	Economic and Applied Geology - Theory	IV	GEOL/IV/EC/07	4	
	Economic and Applied Geology - Practical		GEOL/IV/EC/08	2	
<i>B. Major Core Courses</i>					
V	Applied and Engineering Geology - Theory	V	GEOL/V/CC/09	4	
	Applied and Engineering Geology - Practical		GEOL/V/CC/10	2	
	Sedimentology & Sequence Stratigraphy - Theory	VI	GEOL/V/CC/11	4	
	Sedimentology & Sequence Stratigraphy - Practical		GEOL/V/CC/12	2	
	Igneous & Metamorphic Petrology - Theory	VII	GEOL/V/CC/13	4	
	Igneous & Metamorphic Petrology - Practical		GEOL/V/CC/14	2	
	Hydrogeology, Oceanography & Environmental Geology - Theory (Option A)	VIII(A)	GEOL/V/CC/15 (A)	4	
	Hydrogeology, Oceanography & Environmental Geology - Practical (Option A)		GEOL/V/CC/16 (A)	2	
	Geology of North East India - Theory (Option B)	VIII(B)	GEOL/V/CC/15 (B)	4	
	Geology of North East India - Practical (Option B)		GEOL/V/CC/16 (B)	2	
	VI	Stratigraphy & Paleontology-II - Theory	IX	GEOL/VI/CC/17	4
		Stratigraphy & Paleontology-II - Practical		GEOL/VI/CC/18	2
		Economic Geology & Mineral Resources of India - Theory	X	GEOL/VI/CC/19	4
		Economic Geology & Mineral Resources of India -Practical		GEOL/VI/CC/20	2
Dynamics of the Earth & Structural Geology - Theory		XI	GEOL/VI/CC/21	4	
Dynamics of the Earth & Structural Geology - Practical			GEOL/VI/CC/22	2	
Fuel Geology & Mineral Exploration - Theory (Option A)		XII(A)	GEOL/VI/CC/23 (A)	4	
Fuel Geology & Mineral Exploration - Practical (Option A)			GEOL/VI/CC/24 (A)	2	
Environmental Geology - Theory (Option B)		XII(B)	GEOL/VI/CC/23 (B)	4	
Environmental Geology - Practical (Option B)			GEOL/VI/CC/24 (B)	2	


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Bachelors of Business Administration (BBA) Course Structure									
I	1	BBA/1/FC/01	English-I	FC	5	25	75	100	
	2	BBA/1/CC/02	Fundamental of Management & Organizational Behaviour	CC	6 (5L+1T)	25	75	100	
	3	BBA/1/CC/03	Statistics for Business Decisions	CC	6 (5L+1T)	25	75	100	
	4	BBA/1/CC/04	Entrepreneurship Development	CC	6 (5L+1T)	25	75	100	
					23	100	300	400	
II	5	BBA/2/FC/05	English Paper-II	FC	5	25	75	100	
	6	BBA/2/CC/06	Principles of Economics	CC	6 (5L+1T)	25	75	100	
	7	BBA/2/CC/07	Business Accounting	CC	6 (5L+1T)	25	75	100	
	8	BBA/2/EC/08	Elective-I (Any one of the list) (A) Personality Development & Business Communication (B) Ethics & Corporate Social Responsibility (C) Business Environment	EC	6 (5L+1T)	25	75	100	
					23	100	300	400	
III	9	BBA/3/FC/09	Language Paper (MIL)	FC	5	25	75	100	
	10	BBA/3/CC/10	Principles of Marketing	CC	6 (5L+1T)	25	75	100	
	11	BBA/3/CC/11	Foundations of Human Resource Management	CC	6 (5L+1T)	25	75	100	
	12	BBA/3/EC/12	Elective-II (Any one of the list) (A) Cost and Management Accounting (B) Business Legal Environment (C) Business Mathematics	EC	6	25	75	100	
					23	100	300	400	
IV	13	BBA/4/FC/13	Environmental Studies	FC	5	25	75	100	
	14	BBA/4/CC/14	Computer Fundamentals and Applications- I (Theory)	CC	3 (2L+1T)	25	75	100	
	15	BBA/4/CC/15	Computer Fundamentals and Applications- II (Practical)	CC	3(6P)	25	75	100	
	16	BBA/4/CC/16	Basics of Financial Management	CC	6 (5L+1T)	25	75	100	
	17	BBA/4/EC/17	Elective-III (Any one of the list) (A) Business Research (B) Macroeconomics (C) Production Management	EC	6	25	75	100	
						23	125	375	500


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V	18	BBA/5/CC/18	Industrial Training Project	CC	6	25	75	100
	19	BBA/5/CC/19	Introductory Operations Research	CC	6 (5L+1T)	25	75	100
	20	BBA/5/EC/20	Elective-IV (Any one of the list)	EC	6 (5L+1T)	25	75	100
			(A) International Trade					
			(B) Advertising					
			(C) Taxation					
	21	BBA/5/EC/21	Elective-V (Any one of the list)	EC	6 (5L+1T)	25	75	100
			(A) Small Business Marketing					
			(B) Distribution and Supply Chain Management					
			(C) Working Capital Management					
		(D) E-Commerce						
					24	100	300	400
VI	22	BBA/6/CC/22	Essentials of Strategic Management	CC	6 (5L+1T)	25	75	100
	23	BBA/6/EC/23	Elective-VI (Any one of the list)	EC	6 (5L+1T)	25	75	100
			(A) Retailing					
			(B) Training and Development					
			(C) Project Management					
			(D) Investment Management					
	24	BBA/6/EC/24	Elective-VII (Any one of the list)	EC	6 (5L+1T)	25	75	100
			(A) Consumer Behaviour					
			(B) HRD: Systems and Strategies					
			(C) Indian Financial System					
		(D) New Enterprise Management						
25	BBA/6/EC/25	Elective-VIII (Any one of the list)	EC	6 (5L+1T)	25	75	100	
		(A) Performance and Compensation Management						
		(B) Financing of Small Business						
		(C) Marketing of Services						
		(D) Insurance Management						
					24	100	300	400
GRAND TOTAL (ALL 6 SEMESTERS)					140	625	1875	2500


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**REVISED SYLLABUS OF
UNDER CBCS COURSES (CHOICE BASED CREDIT SYSTEM)
FOR MASTER OF ARTS IN MIZO
COURSE STRUCTURE**

Sl.No	Course Code	Name of Course	Type of	Credit dbn		Total	Marks
			Course	L	T		
First Semester : 22 Credits (FC = 4 Credits; CC = 18 Credits)							
1	MIZ/1/FC/01	Mizo Bulbal leh Thlang Tlak	FC	2	0	2	100
2	MIZ/1/FC/02	Chheh Vel Thil	FC	2	0	2	100
3	MIZ/1/CC/03	Hla - I	CC	4	1	5	100
4	MIZ/1/CC/04	Lemchan - I	CC	4	1	5	100
5	MIZ/1/CC/05	Thawnthu - I	CC	3	1	4	100
6	MIZ/1/CC/06	English Prose	CC	3	1	4	100
				18	4	22	600
Second Semester : 22 Credits (FC = 4 Credits; CC = 16 Credits, OE = 2 Credits)							
7	MIZ/2/FC/07	Mizo Serh leh Sang	FC	2	0	2	100
8	MIZ/2/FC/08	Mizo Hnam Nunphung leh Khawtlang Nun	FC	2	0	2	100
9	MIZ/2/CC/09	Thutluang	CC	3	1	4	100
10	MIZ/2/CC/10	Thu leh Hla Thlitfimna - I	CC	3	1	4	100
11	MIZ/2/CC/11	Rochun Thawnthu	CC	3	1	4	100
12	MIZ/2/CC/12	English Poetry	CC	3	1	4	100
13	MIZ/2/OE/13	Mizo Thu leh Hla Chanchin	OE	1	1	2	100
				17	5	22	700
Third Semester : 22 Credits (CC = 12 Credits, SC = 8 Credits, OE = 2 Credits)							
14	MIZ/3/CC/14	Hla - II	CC	3	1	4	100
15	MIZ/3/CC/15	Lemchan - II	CC	3	1	4	100
16	MIZ/3/CC/16	Theory of Literary Criticism	CC	3	1	4	100
17	MIZ/3/SC/17 (A)	Mizo Hnam Dandeh	SC	3	1	4	100
	MIZ/3/SC/17 (B)	Lehlin					
18	MIZ/3/SC/18 (A)	Mizo Hla Hlui	SC	3	1	4	100
	MIZ/3/SC/18 (B)	Mizo Hmeichhiate Thu leh Hla					
19	MIZ/3/OE/19	Mizo Tawng Kamkeuna	OE	1	1	2	100
				16	6	22	600
Fourth Semester : 22 Credits (DS = 8 Credits, CC = 8 Credits, SC = 6 Credits)							
20	MIZ/4/DS/20	Dissertation	CC	4	4	8	200
21	MIZ/4/CC/21	Thawnthu - II	CC	3	1	4	100
23	MIZ/4/CC/22	Indian Writing in English	CC	3	1	4	100
24	MIZ/4/SC/23 (A)	Zorua	SC	2	1	3	100
	MIZ/4/SC/23 (B)	Tunlai Hla					
25	MIZ/4/SC/24 (A)	Mizo Thiamthil	SC	2	1	3	100
	MIZ/4/SC/24 (B)	Thu leh Hla Thlitfimna - II					
				14	8	22	600

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Course Structure for M.Sc. in Life Sciences

Course Code	Name of Course	Type	Credits			Total credit	
			L	T	P		
FIRST SEMESTER: 22 CREDITS [Foundation Course (FC) = 4 Credits; Core Course (CC) = 18 Credits]							
I	LSC/1/FC/01	Biomolecules	FC*	2	0	0	2
	LSC/1/FC/02	Structural Biology	FC*	2	0	0	2
	LSC/1/CC/01	Cell Biology I	CC	4	1	1	6
	LSC/1/CC/02	Microbiology	CC	4	1	1	6
	LSC/1/CC/03	Genetics	CC	4	1	1	6
SECOND SEMESTER: 22 CREDITS [Foundation Course = 4 Credits; Core Course = 18 Credits]							
II	LSC/2/FC/03	Biotechniques	FC*	2	0	0	2
	LSC/2/FC/04	Systematics and Biodiversity	FC*	2	0	0	2
	LSC/2/CC/04	Cell Biology II	CC	4	1	1	6
	LSC/2/CC/05	Biochemistry	CC	3	1	1	5
	LSC/2/CC/06	Cell Communication	CC	3	1	1	5
	LSC/2/OE/01	Foundations of Medical Biology	OE [†]	2	0	0	2
THIRD SEMESTER: 22 CREDITS [Core Course = 12 Credits; Specialization Course (SC) = 8 Credits; [†] Open Elective (OE, for other departments) = 2 Credits]							
III	LSC/3/CC/07	Evolution and Ethology	CC	2	1	1	4
	LSC/3/CC/08	Hormones	CC	2	1	1	4
	LSC/3/CC/09	Developmental Biology	CC	2	1	1	4
	LSC/3/SC/01	Animal Physiology	SC [‡]	2	1	1	4
	LSC/3/SC/02	Immunology	SC [‡]	2	1	1	4
	LSC/3/SC/03	Plant Physiology	SC [‡]	2	1	1	4
	LSC/3/SC/04	Plant Morphology and Embryology	SC [‡]	2	1	1	4
[‡] Two SCs should be selected. Student can opt for specialisation courses on either combination SC/01 + SC/02 or SC/03 + SC/04.							
	LSC/3/OE/01	Biology in Human Welfare	OE [†]	2	0	0	2
FOURTH SEMESTER: 22 CREDITS (Core Course= 14 Credits; Specialization Course=8 Credits)							
IV	LSC/4/CC/10	Molecular Biology	CC	3	1	1	5
	LSC/4/CC/11	Applied Biology and Biostatistics	CC	3	1	1	5
	LSC/4/SC/05	Cellular Oncology	SC [‡]	2	1	1	4
	LSC/4/SC/06	Parasitology and Infectiology	SC [‡]	2	1	1	4
	LSC/4/SC/07	Secondary Metabolism and Phytochemistry	SC [‡]	2	1	1	4
	LSC/4/SC/08	Plant Genetic Engineering	SC [‡]	2	1	1	4
[‡] Two SCs should be selected. Students with SC/01 + SC/02 combination shall take up SC/05 + SC/06; and for SC/03 + SC/04 combination, the option is SC/07 + SC/08.							
	LSC/4/CC/15	Dissertation	CC	0	0	4	4
Grand total credit						88	

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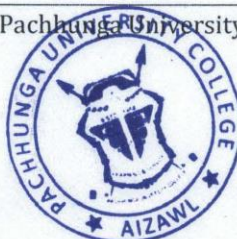
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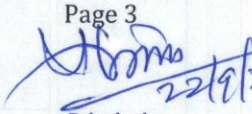
COURSE STRUCTURE OF CBCS M.Sc. (Geophysics)

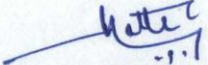
Course no.	Course title	Course credit	Marks scale			Credit distribution			Exam (Hrs.)	
			C/A	Ext	Total	L	T	P	T	P
1st SEMESTER										
GP/1/CC/01	Geomathematics	3	40	60	100	2	1	0	3	-
GP/1/CC/02	Numerical Techniques & Computer Programming	3	40	60	100	2	1	0	3	-
GP/1/CC/03	Elements of Geology	3	40	60	100	3	0	0	3	-
GP/1/CC/04	Geophysical Prospecting	3	40	60	100	3	0	0	3	-
GP/1/FC/05	Environmental Physics	2	40	100	100	2	0	0	2	-
GP/1/FC/06	Physical Geology	2	40	100	100	2	0	0	2	-
GP/1/CC/07	Lab-I - Computer Programming	3	40	100	100	0	0	3	-	3
GP/1/CC/08	Lab-II – Practical on CC/03 & CC/04	3	40	100	100	0	0	3	-	3
	Total	22			800	14	2	6		
2nd SEMESTER										
GP/2/CC/09	Field Geology & Surveying	3	40	60	100	3	0	0	3	-
GP/2/CC/10	Electronics & Instrumentation	3	40	60	100	2	1	0	3	-
GP/2/CC/11	Structural Geology	3	40	60	100	3	0	0	3	-
GP/2/FC/12	Fundamentals of Geology	2	40	60	100	2	0	0	2	-
GP/2/FC/13	Basic Mathematical Physics	2	40	60	100	1	1	0	2	-
GP/2/CC/14	Lab-III – Practical on CC/09, 10 & 11)	3	40	60	100	0	0	3	-	3
GP/2/CC/15	Field Work	4	40	60	100	0	0	4	-	3
GP/2/OE/16	Disaster Management	2	40	60	100	2	0	0	2	-
	Total	22			800	13	2	6		
3rd SEMESTER										
	Total	22			800	13	2	6		
GP/3/CC/17	Theory of fields	3	40	60	100	2	1	0	3	-
GP/3/CC/18	Signal Processing	3	40	60	100	2	1	0	3	-
GP/3/CC/19	Solid Earth Geophysics	3	40	60	100	3	0	0	3	-
GP/3/SC/20	Seismology	4	40	60	100	3	1	0	3	
GP/3/SC/21	Basin Analysis & Formation Evaluation	4	40	60	100	3	1	0	3	-
GP/3/CC/22	Lab- IV – Practical on CC/18 & 19, SC/ 20 & 21	3	40	60	100	0	0	3	-	3
GP/3/OE/23	Geohazards	2	40	60	100	2	0	0	2	
	Total	22			700	15	4	3		
4th SEMESTER										
GP/4/CC/24	Geohydrology, climatology & Meteorology	3	40	60	100	3	0	0	3	-
GP/4/SC/25	Remote Sensing & GIS	4	40	60	100	3	1	0	3	-
GP/4/SC/26	Mining Geology	4	40	60	100	3	1	0	3	
GP/4/CC/27	Lab V – Practical on CC/24, SC/ 25 & 26	3	40	60	100	0	0	3	-	3
GP/4/CC/26	Project Work	8	40	60	100	0	0	8	-	6
	Total	22			500	9	2	11		
	Grand Total	88			2800	62	26			

- Note:** 1. L = Lecture, T = Tutorial, P = Practical
 2. Choice of OE(s) would be available based on the availability of Faculty.
 3. CC = 60 Credits, FC = 8, Credits, SC =16 Credits, OE = 4 Credits
 4. Theory = 62 Credits, Practical = 26 Credits


 CBCS M.Sc. (Geophysics) Course, Pachhunga University College
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Choice Based Credit System (CBCS)

**M.A. PHILOSOPHY
 COURSE STRUCTURE**

Total Credits : 88 Maximum Marks - 2400
 (FC = 08 credits, CC = 60 credits, OE = 04 credits and SC=16 credits)




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Sl No	Course Code	Name of Course	Types of Course	Credits Distribution		Total Credits	Marks (Scaled)		Total
				L	T		Internal	End Semester Exam	
1st Semester: Total Credits = 22 (Foundation Courses = 04 credits; Core Courses = 18 credits)									
1	PHIL/1/FC/01	Indian Philosophy of Language - I	FC	2	0	2	40	60	100
2	PHIL/1/FC/02	Philosophy of Post Modernism - I	FC	2	0	2	40	60	100
3	PHIL/1/CC/03	Indian Metaphysics	CC	4	0	4	40	60	100
4	PHIL/1/CC/04	Western Metaphysics	CC	4	0	4	40	60	100
5	PHIL/1/CC/05	Symbolic Logic	CC	4	1	5	40	60	100
6	PHIL/1/CC/06	Philosophy of Religion	CC	4	1	5	40	60	100
Total									600
2nd Semester: Total Credits = 22 (Foundation Courses = 04 credits; Core Courses = 16 credits; Open Elective = 02 credits)									
1	PHIL/2/FC/07	Indian Philosophy of Language - II	FC	2	0	2	40	60	100
2	PHIL/2/FC/08	Philosophy of Post Modernism - II	FC	2	0	2	40	60	100
3	PHIL/2/CC/09	Indian Epistemology	CC	4	1	5	40	60	100
4	PHIL/2/CC/10	Western Epistemology	CC	4	1	5	40	60	100
5	PHIL/2/CC/11	Applied Ethics	CC	4	2	6	40	60	100
6	PHIL/2/OE/12	Environmental Ethics	OE	2	0	2	40	60	100
Total									600
3rd Semester: Total Credits = 22 (Core Courses = 12 credits; Specialization Courses = 08 credits; Open Elective = 02 credits)									
1	PHIL/3/CC/13	Philosophy of Social Sciences	CC	4	0	4	40	60	100
2	PHIL/3/CC/14	Social and Political Philosophy	CC	4	0	4	40	60	100
3	PHIL/3/CC/15	Contemporary Philosophy of Religion	CC	4	0	4	40	60	100
4	PHIL/3/SC/16 (A)	David Hume	SC	4	0	4	40	60	100
5	PHIL/3/SC/16 (B)	Philosophy of Wittgenstein							
6	PHIL/3/SC/17 (A)	Analytic Philosophy	SC	4	0	4	40	60	100
7	PHIL/3/SC/17 (B)	Philosophy of Kant							
8	PHIL/3/OE/18	Modernity and Responses	OE	2	0	2	40	60	100
Total									600

4th Semester: Total Credits = 22 (Core Courses = 14 credits; Specialization Courses = 08 credits)									
1	PHIL/4/CC/19	Philosophy of M.K Gandhi	CC	3	0	3	40	60	100
2	PHIL/4/CC/20	Tribal Thought and Culture	CC	3	0	3	40	60	100
3	PHIL/4/CC/21	Phenomenology and Existentialism	CC	4	0	4	40	60	100
4	PHIL/4/CC/22	Contemporary Indian Philosophy - I	CC	4	0	4	40	60	100
5	PHIL/4/SC/23 (A)	Philosophy of Culture	SC	4	0	4	40	60	100
6	PHIL/4/SC/23 (B)	Introduction to Practical Logic							
7	PHIL/4/SC/24 (A)	Philosophy of Human Rights	SC	4	0	4	40	60	100
8	PHIL/4/SC/24 (B)	Contemporary Indian Philosophy - II							
Total									600

Post-Graduate Course in Philosophy is a Four Semester Course of two years duration carrying 88 Credits. Each Semester is of 22 Credits.

Each Course carries 100 marks divided into 40 marks and 60 marks; 40 marks from Continuous assessment and 60 marks from End Semester Examination. Continuous Assessment shall be by Assignment, Group discussion, Seminar and Written Test.

Continuous Assessment - 40 (C1 + C2)
 20 + 20 = 40
 End Semester Exam - 60
 Total mark - 100
 End Semester Examination Time - 3 hrs

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