

## Course Structure

### 1 B.A./B.Sc. Honours (1st Year / 2nd Year / 3rd Year)

Semester I		Semester II	
MIL /General English	MIL-I /GE-I	MIL/General English	MIL-II/ GE-II
1 <sup>st</sup> Elective	E <sub>1</sub> -101	1 <sup>st</sup> Elective	E <sub>1</sub> -202
2 <sup>nd</sup> Elective	E <sub>2</sub> -101	2 <sup>nd</sup> Elective	E <sub>2</sub> -202
3 <sup>rd</sup> Elective	E <sub>3</sub> -101	3 <sup>rd</sup> Elective	E <sub>3</sub> -202
Semester III		Semester IV	
Regional Development (Northeast)	RD(NE)	Environmental Studies	EVS
Elective	E <sub>1</sub> -303	Elective	E <sub>1</sub> -404
Elective	E <sub>2</sub> -303	Elective	E <sub>2</sub> -404
Elective	E <sub>3</sub> -303	Elective	E <sub>3</sub> -404
Semester V		Semester VI	
Honours Paper*	(H)-505	Honours Paper*	(H)-608
	(H)-506		(H)-609
	(H)-507		(H)-610

\* The Honours subject shall be one of the Electives offered in the previous semesters. The students should offer three elective papers either in Arts or Science out of the subjects opened in the college which are listed above.

- Note :**
- Each paper will carry 100 marks and be evaluated at the end semester examination. The examination of a paper will be of three hours duration.
  - Major Indian Languages (MIL) currently approved by the Academic Council are: i) Bengali, ii) Hindi, iii) Manipuri, iv) Mizo, v) Nepali, vi) Paite, viii) Hmar.
  - Pass Marks for a theory paper of 100 marks shall be 35.
  - For an Elective paper comprising of Theory and Practical components, the distribution of marks shall be as follows:

	Full Marks	Pass Marks
Theory	75	25
Practical	25	10
  - The Honours Papers (H)-507 and (H)-610 may be practical papers in case of subjects involving practicals and the pass marks shall be 40.
  - The paper on Regional Development (Northeast) will focus on the study of society/polity/Economy/Culture of the seven North Eastern States in general, and Manipur in particular.



Manipur University  
Canchipur, Imphal

Syllabus for B.A/B.Sc. Geography (Semester System)

Year	Semester	Course Code	Course Title	Marks
1 <sup>st</sup> Year	Semester-I	GG: E101	: Introduction to Geography	100
	Semester-II	GG: E202	: Physical Geography	100
2 <sup>nd</sup> Year	Semester-III	GG: E303 (i)	: Human Geography	50
		GG: E303 (ii)P	: Cartography-I	50
	Semester-IV	GG:E404 (i)	: Population and Settlement Geography	50
		GG:E404 (ii)P	: Cartography-II	50
3 <sup>rd</sup> Year	Semester-V	GG:H505	: Geomorphology	100
		GG:H506	: Geography of India	100
		GG:H507(P)	: Cartography-III	100
	Semester-VI	GG:H608	: Economic Geography	100
		GG:H609	: World Regional Geography	100
		GG:H610(P)	: Cartography-IV	100
<b>Total</b>				<b>1000</b>



**Course Structure**  
 For Undergraduate Course: BA/B.Sc. [MATHEMATICS]  
 (Each Paper will be of 100 Marks)

**Semester – I (Elective Paper)**

Subject Code	Name of subjects/Contents	Marks
BMath – 101	ALGEBRA – 1	
	CLASSICAL ALEGRA	40
	MODERN ALGEBRA	40
	TRIGONOMETRY	20
	<b>TOTAL</b>	<b>100</b>

**Semester – II (Elective Paper)**

Subject Code	Name of subjects/Contents	Marks
BMath – 202	CALULUS & ODE	
	DIFFERENTIAL CALCULUS	40
	INTEGRAL CALULUS	30
	Ordinary Differential Equations	30
	<b>TOTAL</b>	<b>100</b>

**Semester – III (Elective Paper)**

Subject Code	Name of subjects/Contents	Marks
BMath – 303		
	GEOMETRY	50
	VECTORS	20
	THEORY OF PROBABILITY	30
	<b>TOTAL</b>	<b>100</b>

**Semester – IV (Elective Paper)**

Subject Code	Name of subjects/Contents	Marks
BMath – 404	MECHANICS	
	STATICS	35
	DYNAMICS	35
	RIGID DYNAMICS	30
	<b>TOTAL</b>	<b>100</b>





## Semester - V - (A) (Honours Paper)

Subject Code	Name of subjects/Contents	Marks
BMath - 505	ALGEBRA - II	
	ABSTRACT ALGEBRA	50
	LINEAR ALGEBRA	50
	TOTAL	100

## Semester - V - (B) (Honours Paper)

Subject Code	Name of subjects/Contents	Marks
BMath - 506	ANALYSIS - I (REAL ANALYSIS)	100

## Semester - V - (C) (Honours Paper)

Subject Code	Name of subjects/Contents	Marks
BMath - 507		
	COMPUTER C-PROGRAMMING	40
	PRACTICAL	20
	NUMERICAL ANALYSIS	40
	TOTAL	100

## Semester - VI - (A) (Honours Paper)

Subject Code	Name of subjects/Contents	Marks
BMath - 605		
	PARTIAL DIFFERENTIAL EQUATIONS	60
	LAPLACE TRANSFORM	20
	CALCULUS OF VARIATION	20
	TOTAL	100

## Semester - VI - (B) (Honours Paper)

Subject Code	Name of subjects/Contents	Marks
BMath - 606	ANALYSIS - II	100
	METRIC SPACE & COMPLEX ANALYSIS	
	TOTAL	100

## Semester - VI - (C) (Honours Paper)

Subject Code	Name of subjects/Contents	Marks
BMath - 607	OPTIONAL PAPER	100
	TOTAL	100

## OPTIONAL PAPERS:

1. Elementary Number Theory
2. Higher Mechanics
3. Special Theory of Relativity & Tensor
4. Astronomy



### Course Structure of B.A. Political Science

Semester	Paper Code	Title of Paper	Theory	Practical	Total Marks
First Semester	101	Political theory	100		100
Second Semester	202	Western political thought	100		100
Third Semester	303	Indian government and politics	100		100
Fourth Semester	404	Comperative government and politics	100		100
Fifth Semester	505	International politics	100		300
	506	Socialist thought	100		
	507	Public administration	100		
Sixth Semester	608	Government & politics of North-East India	100		300
	609	Gandhian studies	100		
	610	Indian political thought	100		



### Course Structure of B.A. Philosophy

Semester	Paper Code	Title of Paper	Theory	Practical	Total Marks
First Semester	E1-101	Greek Philosophy	100		100
Second Semester	E1-202	Indian Philosophy I	100		100
Third Semester	E1-303	Logic	100		100
Fourth Semester	E1-404	Moral Philosophy	100		100
Fifth Semester	H-505	History of Western Philosophy I	100		300
	H-506	History of Western Philosophy II	100		
	H-507	Contemporary Western Philosophy	100		
Sixth Semester	H-608	Indian Philosophy II	100		300
	H-609	Philosophy of Religion	100		
	H-610	Political Philosophy	100		



Syllabus for B.Sc. Computer Science Elective (I<sup>st</sup> Year)

Year	Semester	Paper	Topic	Marks
F I R S T Y E A R	Sem-I (July-Oct)	CS 101 (Theory) IT Tools & Applications	Introduction to Computer	10
			MS-Windows	10
			MS-Words	15
			MS-Excels	15
			MS-PowerPoint	05
			Introduction to Internet	05
			Total Marks	60
		CS 101P (Practical)	MS-Word	15
			MS-Excel	15
			MS-PowerPoint	5
	Introduction to Internet		5	
	Sem-II (Jan. ,Apr)	CS202 (Theory) Problem Solving Techniques & Programming in C	Techniques of Problem Solving	10
			C fundamentals	10
			Input Output Functions	10
			Functions	10
			Arrays	10
			Pointers	10
Total Marks			60	
CS202P (Practical)		Programming in C	40	
		Total Marks	40	





FIRST YEAR			
	CODE NO.	PAPER NAME	TOTAL MARKS
1 <sup>st</sup> Semester	CS 101	IT TOOLS & APPLICATIONS	60
	C S10	PRACTICAL	40
2 <sup>nd</sup> Semester	CS202	PROBLEM SOLVING TECHNIQUES &	60
			40
SECOND YEAR			
	CODE	PAPER NAME	TOTAL MARKS
3 <sup>rd</sup> Semester	CS 303	DIGITAL COMPUTER	60
	C S	PRACTICAL	40
4 <sup>th</sup> Semester	CS 404	OBJECT ORIENTED PROGRAMMING IN JAVA	60
	C S 404	PRACTICAL	40
THIRD YEAR			
	CODE	PAPER NAME	TOTAL MARKS
5 <sup>th</sup> Semester	CS 505	DATA STRUCTURES USING C	100
	CS 506	COMPUTER NETWORKS	100
	CS 507	PRACTICAL (DATA STRUCTURES USING C)	100
6 <sup>th</sup> Semester	CS 608	DATABASE MANAGEMENT SYSTEMS	100
	CS 609	OPERATING SYSTEMS	100
	CS 610	PRACTICAL (DBMS & OS)	100





REVISED UG SYLLABUS FOR SOCIOLOGY, MANIPUR UNIVERSITY

COURSE STRUCTURE

Year	Semester	Paper Code	Title of Paper	Theory Exam	Total Marks
1 <sup>ST</sup> Year	First Semester	SOC: SE 101	Introduction to Sociology	100	100
	Second Semester	SOC: SE 202	Sociology of India	100	100
2 <sup>nd</sup> Year	Third Semester	SOC: SE 303	Sociological Thought	100	100
	Fourth Semester	SOC: SE 404	Indian Sociological Tradition	100	100
3 <sup>rd</sup> Year	Fifth Semester	SOC: SE H505	Sociological Research Method	100	100
		SOC: SE H606	Political Sociology	100	100
		SOC: SE H707	Social Demography	100	100
	Sixth Semester	SOC: SE H608	Sociological Theory	100	100
		SOC: SE H609	Sociology of Marginal Groups	100	100
		SOC: SE H610	Social Change and Development	100	100



## Course Structure of B.Sc. Botany

Semester	Paper Code	Title of Paper	Theory	Practical	Total Marks
First Semester	BOT-101	Virus, Bacteria and Cryptogams	75	25	100
Second Semester	BOT-202	Gymnosperms, Angiosperms, Applied Botany and Embryology	75	25	100
Third Semester	BOT-303	Plant Geography, Ecology, Plant Physiology and Molecular Biology	75	25	100
Fourth Semester	BOT-404	Cytogenetics, Biotechnology and Biometrics	75	25	100
Fifth Semester	BOT-505	Microbial Diversity, Plant Pathology and Embryology	100		100
	BOT-506	Advanced Plant Taxonomy, Anatomy, Embryology and Palynology	100		100
	BOT-507	Practical		100	100
Sixth Semester	BOT-608	Ecology, Plant Physiology and Molecular Biology	100		100
	BOT-609	Cell Biology, Genetics, Plant Breeding, Biotechnology and Computer Application	100		100
	BOT-610	Practical		100	100



### Course Structure of B.Sc. Home Science

Semester	Paper Code	Title of Paper	Theory	Practical	Total Marks
First Semester	HS(E)-101	Food science and Nutrition	75	25	100
Second Semester	HS(E)-202	Family Resource Management	75	25	100
Third Semester	HS(E)-303	Human Development	75	25	100
Forth Semester	HS(E)-404	Textile, Clothing and Home Science Extention	75	25	100
Fifth Semester	HS(E)-505	Food Science and Nutrition	100		100
	HS(E)-506	Family Resource Management	100		100
	HS(H)-507	Practical		100	100
Sixth Semester	HS(H)-608	Adolescence, Dynamics of Marriage and Counselling	100		100
	HS(H)-609	Textile, Clothing and Science Extension	100		100
	HS(H)-610	Practical		100	100



### Course Structure of B.Sc. Physics

Semester	Paper Code	Title of Paper	Theory	Practical	Total Marks
First Semester	PHY-101	Mechanics	75	25	100
Second Semester	PHY-202	Thermal Physics and Optics	75	25	100
Third Semester	PHY-303	Electricity and Magnetism	75	25	100
Forth Semester	PHY-404	Atomic and Nuclear Physics	75	25	100
Fifth Semester	PHY-505	Electronics	100		100
	PHY-506	Mathematical Physics	100		100
	PHY-507(P)	Laboratory		100	100
Sixth Semester	PHY-608	Quantum Mechanics	100		100
	PHY-609	Physics of Materials	100		100
	PHY-610	Laboratory		100	100





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Year	Semester	Paper Code	Title of Paper	Theory Exam	Practical Exam	Total Marks
Year I	First Semester	GL-101	General Geology, Structural Geology and Geomorphology	75	25	100
	Second Semester	GL-202	Descriptive and Optical Mineralogy, Crystallography and Geochemistry	75	25	100
Year II	Third Semester	GL-303	Petrology	75	25	100
	Fourth Semester	GL-404	Palaeontology and Stratigraphy	75	25	100
Year III	Fifth Semester	GL-(H) 505	Structural Geology, Tectonics and Petrology	100	NA	100
		GL-(H) 506	Economic And Fuel Geology, Mineral Economics and Mining Geology	100	NA	100
		GL-(H) 507 (P)	Structural and Economic Geology, Petrology and Field Work	NA	100	100
	Sixth Semester	GL(H)608	Geophysics, Engineering Geology and Hydrogeology	100	NA	100
		GL(H)609	Environmental & Quaternary Geology, Photogeology, Remote Sensing and Computer Application	100	NA	100
		GL(H)610(P)	Hydrogeology, Environmental & Quaternary Geology, Photogeology, Remote Sensing, GIS, Seminar and Field Work	NA	100	100

## Course Structure of Bachelor of Commerce

Semester	Paper Code	Title of Paper	Semester Exam	Internal Assessment	Total Marks
First Semester	FC-1	MIL/Alt	70	30	100
	E1-101	Business Communication	70	30	100
	E2-101	Financial Accounting	70	30	100
	E3-101	Business Economics and Environment	70	30	100
Second Semester	FC-2	E-Commerce	70	30	100
	E2-202	Principle of Management	70	30	100
	E2-202	Cost Accounting	70	30	100
Third Semester	FC-2	Fundamentals of Computer	70	30	100
	E1-303	Commercial Laws	70	30	100
	E2-303	Business Math and Statistics	70	30	100
	E3-303	Management Accounting	70	30	100
Fourth Semester	FC-2	EVS	70	30	100
	E1-404	Auditing	70	30	100
	E2-404	Element of Income Tax	70	30	100
	E3-404	Company Law	70	30	100
Fifth Semester	H-505	Corporate Accounting	70	30	100
	H-506	G.S.T.	70	30	100
	H-507	Financial Management	70	30	100
Sixth Semester	H-608	Advance Accounting	70	30	100
	H-609	Accounting Information	70	30	100
	H-610	Research Methodology	70	30	100



Semester I		Semester II	
FC-1 MIL /Alternative English	MIL-1/AE-1 (Non-Credit)	FC-2	E-Commerce (Non-Credit)
1 <sup>st</sup> Elective	E1-101 (Business Communication)	1 <sup>st</sup> Elective	E1-202(Principles of Management)
2 <sup>nd</sup> Elective	E <sub>2</sub> -101 (Financial Accounting)	2 <sup>nd</sup> Elective	E <sub>2</sub> -202 (Fundamental of Entrepreneurship)
3 <sup>rd</sup> Elective	E3-101 (Business Economics & Environment)	3 <sup>rd</sup> Elective	E3-202 (Cost Accounting)

Semester III		Semester IV	
FC-2	Fundamentals of Computer (Non-Credit)	FC-2	Environmental Studies (EVS)
Elective	E <sub>1</sub> -303 (Commercial Laws)	Elective	E <sub>1</sub> -404 (Auditing)
Elective	E2-303 (Business Mathematics & Statistics)	Elective	E2-404 (Elements of Income Tax)
Elective	E <sub>3</sub> -303 (Management Accounting)	Elective	E <sub>3</sub> -404 (Company Laws)

Semester V (Honours –A: Accounting)		Semester VI(Honours –A: Accounting)	
Honours Paper*	(H)-505 (Corporate Accounting)	Honours Paper*	(H)-608 (Advance Accounting)
	(H)-506 (Indirect Tax)		(H)-609 (Accounting Information System)
	(H)-507 (Financial Management)		(H)-610 (Research Methodology)

Semester V (Honours –B: Management)		Semester VI(Honours –B: Management)	
Honours Paper*	(H)-505 (Marketing Management)	Honours Paper*	(H)-608 (Retail Management)
	(H)-506 (Human Resource Management)		(H)-609 (International Marketing Management)
	(H)-507 (Industrial Relations)		(H)-610 (Research Methodology)





<b>Semester V (Honours - C: Banking &amp; Finance)</b>		<b>Semester VI (Honours - C: Banking &amp; Finance)</b>	
Honours Paper*	(II)-505 (Money, Banking and International Trade)	Honours Paper*	(II)-608 (Law and Practice of Banking)
	(II)-506 (Modern Banking)		(II)-609 (Fundamental of Insurance)
	(II)-507 (Indian Financial System)		(II)-610 (Research Methodology)
<b>Semester V (Honours - D: Computer Application)</b>		<b>Semester VI (Honours - D: Computer Application)</b>	
Honours Paper*	(II)-505 (Business Accounting Software)	Honours Paper*	(II)-608 (Computer Application in Business)
	(II)-506 (Internet & World Wide Web)		(II)-609 (Management Information System)
	(II)-507 (Business Data Processing & System Analysis)		(II)-610 (Research Methodology)

*A student is to offer any one of the Honours Subject, either Honours-A, or Honours-B or Honours-C or Honours-D in the 5<sup>th</sup> and 6<sup>th</sup> Semester.*





**I Course Structure of BCA (Bachelor of Computer Application)**

FIRST SEMESTER				
Paper Code	Paper	Semester Exam	Internal Assessment	Total Marks
BCA-101	Mathematics -I	75	25	100
BCA-102	Business Communication	75	25	100
BCA-103	Programming with C	75	25	100
BCA-104	Fundamentals of Information	75	25	100
BCA-105	Basics of Physics	75	25	100
BCA-106(P)	Practical -I	50	50	100
<b>Total</b>		<b>425</b>	<b>175</b>	<b>600</b>
SECOND SEMESTER				
Paper Code	Paper	Semester Exam	Internal Assessment	Total Marks
BCA-201	Mathematics -II	75	25	100
BCA-202	Business Organisation & Management	75	25	100
BCA-203	Digital Electronics	75	25	100
BCA-204	Data Structure using C	75	25	100
BCA-205	Database Management System	75	25	100
BCA-206(P)	Practical -II	50	50	100
<b>Total</b>		<b>425</b>	<b>175</b>	<b>600</b>
THIRD SEMESTER				
Paper Code	Paper	Semester Exam	Internal Assessment	Total Marks
BCA-301	Mathematics -III	75	25	100
BCA-302	Computer Architecture	75	25	100
BCA-303	Front End Design Tools	75	25	100
BCA-304	Financial Accounting	75	25	100
BCA-205	Object Oriented Programming	75	25	100
BCA-206(P)	Practical -III	50	50	100
<b>Total</b>		<b>425</b>	<b>175</b>	<b>600</b>

FOURTH SEMESTER				
Paper Code	Paper	Semester Exam	Internal Assessment	Total Marks
BCA-401	Mathematics -IV	75	25	100
BCA-402	Software Engineering	75	25	100
BCA-403	Java Programming & Website Design	75	25	100
BCA-404	Operating Systems	75	25	100
BCA-405	Business Economics	75	25	100
BCA-406(P)	Practical -IV	50	50	600
<b>Total</b>		<b>425</b>	<b>175</b>	<b>600</b>





FIFTH SEMESTER				
Paper Code	Paper	Semester Exam	Internal Assessment	Total Marks
BCA-501	Computer Networks	75	25	100
BCA-502	Net Programming	75	25	100
BCA-503	Linux Environment	75	25	100
ELECTIVES (Select any one)				
BCA-504	E-Commerce	75	25	100
BCA-505	Design and Analysis of Algorithm	75	25	100
BCA-506	Computer Network Security	75	25	100
PRACTICAL				
BCA-506	Practical V	50	50	100
BCA-509	Minor Project	-	100	100
<b>Total</b>		<b>350</b>	<b>250</b>	<b>600</b>

SIXTH SEMESTER				
Paper Code	Paper	Semester Exam	Internal Assessment	Total Marks
BCA-601	Management Information Systems	75	25	100
BCA-602	Computer Graphics & Multimedia Applications	75	25	100
ELECTIVES (Select any one)				
BCA-603	Mobile Computing	75	25	100
BCA-604	Internet Programming	75	25	100
BCA-605	Knowledge Management & New Economy	75	25	100
BCA-606	Artificial Intelligence	75	25	100
PRACTICAL				
BCA-607	Practical VI	50	50	100
BCA-608	Major Project	-	200	200
	<b>Total</b>	<b>275</b>	<b>325</b>	<b>600</b>
<b>Note: The total number of marks for the BCA Programme=3600</b>				

**Instructions to Class Teachers:**

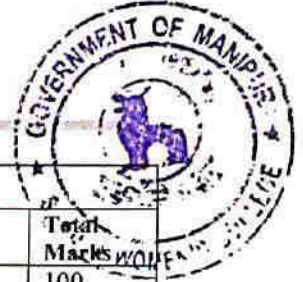
1. Internal Assessment carries 25% for the theory and 50% for the practical of the total marks.
2. Internal Assessment should be based on Unit Test/Home Assignment/Viva Voice/Practical Test etc.
3. A student is allowed to appear end semester examinations if she gets at 10 marks or above out of 25





## Course Structure of B.Sc. Biotechnology

Semester	Paper Code	Title of Paper	Semester Exam	Internal Assessment	Total Marks
First Semester	BTT101	<i>Fundamentals of Chemistry</i>	80	20	100
	BTT102	<i>Elements of Biochemistry</i>	80	20	100
	BTT103	<i>Elements of Biosciences &amp; Physiology</i>	80	20	100
	BTT104	<i>Basic Cell Biology</i>	80	20	100
	BTP105	<i>Laboratory course- I: Basic Chemistry</i>	80	20	100
	BTP106	<i>Laboratory course- II: Biochemistry-I &amp; Cell Biology</i>	80	20	100
	Total First Semester				
Second Semester	BTT201	<i>Fundamentals of Physics</i>	80	20	100
	BTT202	<i>Biophysics and Bio-Instrumentation</i>	80	20	100
	BTT203	<i>Microbiology</i>	80	20	100
	BTT204	<i>Molecular Genetics</i>	80	20	100
	BTP205	<i>Laboratory course- III: Physics &amp; Bioinstrumentations</i>	80	20	100
	BTP206	<i>Laboratory course- IV: Microbiology &amp; Human genetics</i>	80	20	100
	Total Second Semester				
Third Semester	BTT301	<i>Metabolic pathways</i>	80	20	100
	BTT302	<i>Enzymology</i>	80	20	100
	BTT303	<i>Elements of Molecular Biology</i>	80	20	100
	BTT304	<i>Basic Immunology</i>	80	20	100
	BTP305	<i>Laboratory course- V: Biochemistry-II</i>	80	20	100
	BTP306	<i>Laboratory course- VI: Molecular Biology</i>	80	20	100
	Total Third Semester				
Forth Semester	BTT401	<i>Microbial Biotechnology</i>	80	20	100
	BTT402	<i>Basic Mathematics &amp; Biostatistics</i>	80	20	100
	BTT403	<i>Genetic Engineering</i>	80	20	100
	BTT404	<i>Cell, Tissue &amp; Organ Culture</i>	80	20	100
	BTP405	<i>Laboratory course- VII: Biostatistics &amp; Microbiology</i>	80	20	100
	BTP406	<i>Laboratory course- VIII: Plant &amp; Molecular Biotechnology-I</i>	80	20	100
	Total Forth Semester				
Fifth Semester	BTT501	<i>Biodiversity and Molecular Taxonomy</i>	80	20	100
	BTT502	<i>Plant Biotechnology</i>	80	20	100
	BTT503	<i>Animal Biotechnology</i>	80	20	100
	BTT504	<i>Bioprocess Technology &amp; Nanobiotechnology</i>	80	20	100
	BTP505	<i>Laboratory course- IX: Plant biotechnology-II</i>	80	20	100
	BTP506	<i>Laboratory course- X: Animal biotechnology-II &amp; Immunology</i>	80	20	100
	Total Fifth Semester				
Sixth Semester	BTT601	<i>Computer Application &amp; Bioinformatics</i>	80	20	100
	BTT602	<i>Environmental Biotechnology</i>	80	20	100
	BTT603	<i>Food Biotechnology</i>	80	20	100
	BTT604	<i>Entrepreneurships &amp; Management</i>	80	20	100
	BTP605	<i>Laboratory course- XI: Bioinformatics and food biotechnology</i>	80	20	100
	BTP606	<i>Project Work-I</i>			100
	Total Sixth Semester				



**I. Course Structure of B.Sc Food Technology**

**First Semester**

Paper Code	Subject	Internal Assessment	Semester Exam	Total Marks
BFT-101	Food Chemistry and Analysis	20	80	100
BFT-102	Microorganisms and Microbiology of Food	20	80	100
BFT-103	Principles of Food Processing and	20	80	100
BFT-104	Computer Fundamental & Analytical Methods	20	80	100
BFP-105	Laboratory Course-I	20	80	100
BFP-106	Laboratory Course-II	20	80	100
	<b>Total</b>			<b>600</b>

**Second Semester**

Paper code	Subject	Internal Assessment	Semester Exam	Total Marks
BFT-201	Food Biochemistry	20	80	100
BFT-202	Industrial Microbiology & Modern Food Microbiology	20	80	100
BFT-203	Food Plant Equipment	20	80	100
BFT-204	Food Additives And Legislation	20	80	100
BFP-205	Laboratory Course- III	20	80	100
BFP-206	Laboratory Course- IV	20	80	100
	<b>Total</b>			<b>600</b>

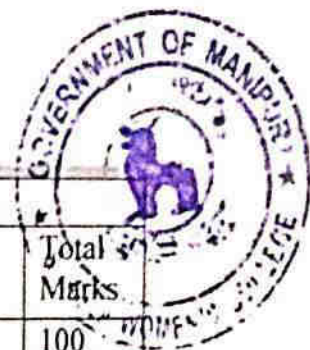
**Third Semester**

Paper code	Subject	Internal Assessment	Semester Exam	Total Marks
BFT-301	Cereals and Legumes Processing Technology	20	80	100
BFT-302	Oils and Fats Processing Technology	20	80	100
BFT-303	Milk and Milk Products Technology	20	80	100
BFT-304	Traditional and Fermented Foods	20	80	100
BFP-305	Laboratory Course- V	20	80	100
BFP-306	Laboratory Course- VI	20	80	100
	<b>Total</b>			<b>600</b>

**Fourth Semester**

Paper code	Subject	Internal Assessment	Semester Exam	Total Marks
BFT-401	Fruit And Vegetable Processing Technology	20	80	100
BFT-402	Egg, Poultry, Meat & Fish Processing	20	80	100
BFT-403	Bakery Confectionary Technology	20	80	100
BFT-404	Snacks Foods And Beverages Technology	20	80	100
BFP-405	Laboratory course VII	20	80	100
BFP-406	Laboratory course VIII	20	80	100
	<b>Total</b>			<b>600</b>





Fifth Semester				
Paper code	Subject	Internal Assessment	Semester Exam	Total Marks
BFT-501	Sensory Evaluation	20	80	100
BFT-502	Food Plant Organization and Management	20	80	100
BFT-503	Food Packaging	20	80	100
BFT-504	Food Safety and Quality Control	20	80	100
BFP-505	Laboratory course IX	20	80	100
BFP-506	Laboratory course X	20	80	100
	Total			600
Sixth Semester				
Paper code	Subject	Internal Assessment	Semester Exam	Total Marks
BFT-601	Computer Application &	20	80	100
BFT-602	Environmental Biotechnology	20	80	100
BFT-603	Food Biotechnology	20	80	100
BFT-604	Entrepreneurship & Management	20	80	100
BFP-605	Laboratory course- XI	20	80	100
BFP-606	PROJECT WORK	20	80	100
	Total			600

• B.VOC. Food Processing & Engineering Course

Semester-I								Credits
Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	
		L	T	P	Internal	External		
BVGE-101	Communicative English	6	0	0	20	80	100	6
BVGE-102	Management Concepts and Organizational Behaviour	6	0	0	20	80	100	6
BVGE-103	Introductory Microbiology	3	0	3	10+10	40+40	100	6
BVGE-104	Food Chemistry	3	0	3	10+10	40+40	100	6
BVGE-105	Principles of Food Processing & Preservation	3	0	3	10+10	40+40	100	6
	Total	21	0	9	100	400	500	30



• B.VOC. Food Processing & Engineering Course

Semester-I								Credits
Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	
		L	T	P	Internal	External		
BVGE-101	Communicative English	6	0	0	20	80	100	6
BVGE-102	Management Concepts and Organizational Behaviour	6	0	0	20	80	100	6
BVGE-103	Introductory Microbiology	3	0	3	10+10	40+40	100	6
BVGE-104	Food Chemistry	3	0	3	10+10	40+40	100	6
BVGE-105	Principles of Food Processing & Preservation	3	0	3	10+10	40+40	100	6
Total		21	0	9	100	400	500	30

Semester-II								Credits
Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	
		L	T	P	Internal	External		
BVGE-201	Personality Development & Communication Skills	6	0	0	20	80	100	6
BVGE-202	Introduction to Information Technology (IT)	6	0	0	20	80	100	6
BVGE-203	Principles of Food Engineering & Quantitative Techniques in Food Processing	3	0	3	10+10	40+40	100	6
BVGP-204	Food Handling & Storage Engineering	3	0	3	10+10	40+40	100	6
BVGP-205	Refrigeration & Air Conditioning & Broiler Technology	3	0	3	10+10	40+40	100	6
Total		21	0	9	100	400	500	30





Semester-III								Credits
Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	
		L	T	P	Internal	External		
BVGE-301	Interpersonal Effectiveness & Business Communication	6	0	0	20	80	100	6
BVGE-302A	Basics of Accounting & Finance	3	0	0	10	40	50	6
BVGE-302B	Communicative Hindi	3	0	0	10	40	50	6
BVGP-303	Technology of Dairy Products	3	0	3	10+10	40+40	100	6
BVGP-304	Cereals, Pulses & Oil Seed Technology	3	0	3	10+10	40+40	100	6
BVFP-305	Food Packaging Technology	3	0	3	10+10	40+40	100	6
	<b>Total</b>	<b>21</b>	<b>0</b>	<b>9</b>	<b>100</b>	<b>400</b>	<b>500</b>	<b>30</b>

Semester-IV								Credits
Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	
		L	T	P	Internal	External		
BVGE-401	Entrepreneurship Development Programme (EDP): Theory & Practices of Entrepreneurship	6	0	0	20	80	100	6
BVGE-402A	Human Resource Management, Planning & Development	3	0	0	10	40	50	6
BVGE-402B	Basic Principles of Economics	3	0	0	10	40	50	6
BVGE-403	Dairy Engineering	3	0	3	10+10	40+40	100	6
BVGE-404	Fruits, Vegetables Processing & Food Additives	3	0	3	10+10	40+40	100	6
BVGE-405	Unit Operation in Food Engineering	3	0	3	10+10	40+40	100	6
	<b>Total</b>	<b>21</b>	<b>0</b>	<b>9</b>	<b>100</b>	<b>400</b>	<b>500</b>	<b>30</b>





Semester-V								Credits
Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	
		L	T	P	Internal	External		
BVGE-501	Environmental Studies-I	6	0	0	20	80	100	6
BVGE-502	Business Research Methods (Research Method for Courses Concerned)	6	0	0	20	80	100	6
BVGE-503	Baking & Confectionary Technology	3	0	3	10+10	40+40	100	6
BVGE-504	Fermented Food Products	3	0	3	10+10	40+40	100	6
BVGE-506	Project ( Project Execution and Report)	0	6	0	20	80	100	6
	Total	18	6	6	100	400	500	30

Semester-VI								Credits
Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	
		L	T	P	Internal	External		
BVGE-601	Environmental Studies-II	6	0	0	20	80	100	6
BVGE-602A	Business Laws & Ethics for Tourism (Optional Module)	6	0	0	20	80	100	6
BVGE-602B	Food Laws and Legislation (Optional Module)							
BVGP-603	Technology of Meat & Poultry Products	3	0	3	10+10	40+40	100	6
BVGP-604	Quality Control in Food Industry & Instrumentation	6	0	0	20	80	100	6
BVGP-605	Internship/Project Execution and Report	0	6	0	20	80	100	6
	Total	21	6	3	100	400	500	30



**B.VOC. Fashion Technology**

Semester-I								Credits
Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	
		L	T	P	Internal	External		
BVGE-101	Communicative English	6	0	0	20	80	100	6
BVGE-102	Management Concepts and Organisational Behaviour	6	0	0	20	80	100	6
BVFT-103A	Elements of Fashion & Design	3	0	0	10	40	50	3
BVFT-103B	Elements of Fashion & Design (Lab)	0	0	3	10	40	50	3
BVFT-104A	Fibre and Yarn Science	3	0	0	10	40	50	3
BVFT-104B	Fibre and Yarn Science(Lab)	0	0	3	10	40	50	3
BVFT-105A	Pattern Making and Garment Constructions-I	3	0	0	10	40	50	3
BVFT-105B	Pattern Making and Garment Constructions-I (Lab)	0	0	3	10	40	50	3
<b>Total</b>		<b>21</b>	<b>0</b>	<b>9</b>	<b>100</b>	<b>400</b>	<b>500</b>	<b>30</b>
Semester-II								Credits
Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	
		L	T	P	Internal	External		
BVGE-201	Personality Development & Communication Skills	6	0	0	20	80	100	6
BVGE-202	Introduction to Information Technology (IT)	6	0	0	20	80	100	6
BVFT-203A	Fabric Science and Analysis	3	0	0	10	40	50	3
BVFT-203B	Fabric Science and Analysis (Lab)	0	0	3	10	40	50	3
BVFT-204A	Fashion Illustration and Design	3	0	0	10	40	50	3
BVFT-204B	Fashion Illustration and Design (Lab)	0	0	3	10	40	50	3
BVFT-205A	Pattern Making and Garment Constructions-II	3	0	0	10	40	50	3
BVFT-205B	Pattern Making and Garment Constructions-II (Lab)	0	0	3	10	40	50	3
<b>Total</b>		<b>21</b>	<b>0</b>	<b>9</b>	<b>100</b>	<b>400</b>	<b>500</b>	<b>30</b>





Semester-III								Credits
Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	
		L	T	P	Internal	External		
BVGE-301	Interpersonal Effectiveness & Business Communication	6	0	0	20	80	100	6
BVGE-302A	Basics of Accounting & Finance	3	0	0	10	40	50	3
BVGE-302B	Communicative Hindi	3	0	0	10	40	50	3
BVFT-303A	Textiles Wet Processing	3	0	0	10	40	50	3
BVFT-303B	Textiles Wet Processing (Lab)	0	0	3	10	40	50	3
BVFT-304A	History of World Costumes	3	0	0	10	40	50	3
BVFT-304B	History of World Costumes (Lab) Paper/Module	0	0	3	10	40	50	3
BVFT-305A	Draping	3	0	0	10	40	50	3
BVFT-305B	Draping (Lab)	0	0	3	10	40	50	3
<b>Total</b>		<b>21</b>	<b>0</b>	<b>9</b>	<b>100</b>	<b>400</b>	<b>500</b>	<b>30</b>

Semester-IV								Credits
Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	
		L	T	P	Internal	External		
BVGE-401	Entrepreneurship Development Programme (EDP): Theory & Practices of Entrepreneurship	6	0	0	20	80	100	6
BVGE-402A	Human Resource Management, Planning & Development	3	0	0	10	40	50	3
BVGE-402B	Communicative Hindi	3	0	0	10	40	50	3
BVFT-403A	Apparel Production	3	0	0	10	40	50	3
BVFT-403B	Apparel Production (Lab)	0	0	3	10	40	50	3
BVFT-404A	Computer Application CAD	0	0	3	10	40	50	3
BVFT-404B	Computer Application CAD (Lab-1)	0	0	3	10	40	50	3
BVFT-405	Project Work	0	6	0	20	80	50	6
<b>Total</b>		<b>15</b>	<b>6</b>	<b>9</b>	<b>100</b>	<b>400</b>	<b>500</b>	<b>30</b>





Semester-V								Credits
Course Code	Course Title	Load			Marks Distribution		Total Marks	
		L	T	P	Internal	External		
BVGE-501	Environmental Studies-I	6	0	0	20	80	100	6
BVGE-502	Business Research Methods (Research Methods for Courses Concerned)	6	0	0	20	80	50	6
BVGE-503	Internship Training/Craft Documentation	6	0	0	20	80	50	6
BVFT-504A	Fashion Marketing and Merchandising	3	0	0	10	40	50	3
BVFT-504B	Grading (Lab)	0	0	3	10	40	50	3
BVFT-505A	Needle Craft	3	0	0	10	40	50	3
BVFT-505B	Needle Craft (Lab)	0	0	3	10	40	50	3
Total		24	0	6	100	400	500	30
Semester-VI								Credits
Course Code	Course Title	Load			Marks Distribution		Total Marks	
		L	T	P	Internal	External		
BVGE-601	Environmental Studies-II	6	0	0	20	80	100	6
BVGE-602A	Business Laws & Ethics for Tourism (Optional Module)	6	0	0	20	80	100	6
BVGE-602B	Food Laws and Legislation (Optional Module)							
BVFT-603A	Non-woven and Technical Textiles	3	0	0	10	40	50	3
BVFT-603B	Garment Surface Ornamentation (Lab)	0	0	3	10	40	50	3
BVFT-604A	Portfolio Presentation	3	0	0	10	40	50	3
BVFT-604B	Portfolio Presentation (Lab)	0	0	3	10	40	50	3
BVFT-605	Project Work	0	6	0	20	80	100	6
Total		18	6	6	100	400	500	30



**1 B.VOC. Information Technology**

**SEMESTER – I**

CourseCode	Course Title	L	T	P	Marks Distribution			Credits
					Internal	External	Total	
BVIT-101	Professional Communication & Technical Writing	6	0	0	50	100	150	6
BVIT-102	Fundamentals of Computer	6	0	0	50	100	150	6
BVIT-103	C-Programming	6	0	0	50	100	150	6
BVIT-104	PC Software	6	0	0	50	100	150	6
BVIT-105	Lab. Work-1 (C-programming & PCSoftware)	0	0	6	50	100	150	6
	<b>Total</b>	<b>24</b>	<b>0</b>	<b>6</b>	<b>250</b>	<b>500</b>	<b>750</b>	<b>30</b>

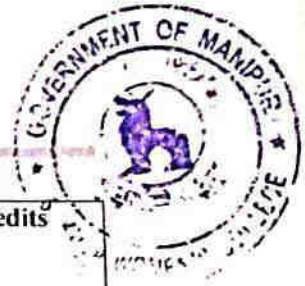
**SEMESTER – II**

Course Code	Course Title	L	T	P	Marks Distribution			Credits
					Internal	External	Total	
BVIT-201	Moral & Value Education	6	0	0	50	100	150	6
BVIT-202	Object Oriented Programming	6	0	0	50	100	150	6
BVIT-203	Data Structure	6	0	0	50	100	150	6
BVIT-204	Basic Mathematics	6	0	0	50	100	150	6
BVIT-205	Lab. Work-2 (OOP & Data Structure)	0	0	6	50	100	150	6
	<b>Total</b>	<b>24</b>	<b>0</b>	<b>6</b>	<b>250</b>	<b>500</b>	<b>750</b>	<b>30</b>

**SEMESTER – III**

Course Code	Course Title	L	T	P	Marks Distribution			Credits
					Internal	External	Total	
BVIT-301	Environmental Studies-I	6	0	0	50	100	150	6
BVIT-302	Applied Statistics	6	0	0	50	100	150	6
BVIT-303	JAVA Programming	6	0	0	50	100	150	6
BVIT-304	Web Technology	6	0	0	50	100	150	6
BVIT-305	Lab. Work-3 (JAVA & Web Technology)	0	0	6	50	100	150	6
	<b>Total</b>	<b>24</b>	<b>0</b>	<b>6</b>	<b>250</b>	<b>500</b>	<b>750</b>	<b>30</b>





**SEMESTER – IV**

Course Code	Course Title	L	T	P	Marks Distribution			Credits
					Internal	External	Total	
BVIT-401	Environmental Studies-II	6	0	0	50	100	150	6
BVIT-402	Engineering Physics-I	6	0	0	50	100	150	6
BVIT-403	Computer Networking	6	0	0	50	100	150	6
BVIT-404	PHP-Programming	6	0	0	50	100	150	6
BVIT-405	Lab. Work-4 (Networking & PHP)	0	0	6	50	100	150	6
	<b>Total</b>	<b>24</b>	<b>0</b>	<b>6</b>	<b>250</b>	<b>500</b>	<b>750</b>	<b>30</b>

**SEMESTER V**

Course Code	Course Title	L	T	P	Marks Distribution			Credits
					Internal	External	Total	
BVIT-501	IT Management	6	0	0	50	100	150	6
BVIT-502	Marketing of IT	6	0	0	50	100	150	6
BVIT-503	Software Engineering	6	0	0	50	100	150	6
BVIT-504	DBMS	6	0	0	50	100	150	6
BVIT-505	Lab. Work-5 (Software Engg. & DBMS)	0	0	6	50	100	150	6
	<b>Total</b>	<b>24</b>	<b>0</b>	<b>6</b>	<b>250</b>	<b>500</b>	<b>750</b>	<b>30</b>

**SEMESTER – VI**

Course Code	Course Title	L	T	P	Marks Distribution			Credits
					Internal	External	Total	
BVIT-601	Entrepreneurship	6	0	0	50	100	150	6
BVIT-602	Computer Graphics	6	0	0	50	100	150	6
BVIT-603	Artificial Intelligence	6	0	0	50	100	150	6
BVIT-604	Lab. Work-6	0	0	6	50	100	150	6
BVIT-605	Project Work	0	0	6	50	100	150	6
	<b>Total</b>	<b>18</b>	<b>0</b>	<b>12</b>	<b>250</b>	<b>500</b>	<b>750</b>	<b>30</b>





## 1. B.VOC. Catering & Hotel Management

### SEMESTER – I

Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
BVHM-101	Communication & Soft Skills	5	0	0	40	60	100	5
BVHM-102	Introduction to Information Technology (IT)	5	0	0	40	60	100	5
BVHM-103	Foundation Course in Food Production-I	5	0	0	40	60	100	5
BVHM-104	Foundation Course in Food and Beverage Service-I	5	0	0	40	60	100	5
BVHM-105	Practical: Foundation Course in Food Production-I	0	0	5	40	60	100	5
BVHM-106	Practical: Foundation Course in Food and Beverage Service-I	0	0	5	40	60	100	5
	<b>Total</b>	<b>20</b>	<b>0</b>	<b>10</b>	<b>240</b>	<b>360</b>	<b>600</b>	<b>30</b>

### SEMESTER – II

Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
BVHM -201	MIL Manipuri/ Communicative Hindi	5	0	0	40	60	100	5
BVHM -202	Human Values and Professional Ethics	5	0	0	40	60	100	5
BVHM -203	Foundation Course in Front Office Operations-I	5	0	0	40	60	100	5
BVHM -204	Foundation Course in Accommodation Operations-I	5	0	0	40	60	100	5
BVHM -205	Practical: Foundation Course in Front Office Operations-I	0	0	5	40	60	100	5
BVHM -206	Practical: Foundation Course in Accommodation Operations-I	0	0	5	40	60	100	5
	<b>Total</b>	<b>20</b>	<b>0</b>	<b>10</b>	<b>240</b>	<b>360</b>	<b>600</b>	<b>30</b>

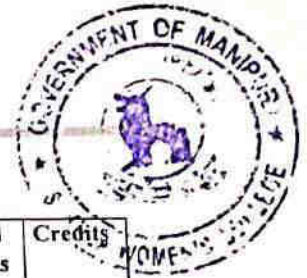


**SEMESTER – III**

Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
BVHM -301	Environmental Studies	5	0	0	40	60	100	5
BVHM -302	Regional Development	5	0	0	40	60	100	5
BVHM -303	Foundation Course in Food Production Operation-II	5	0	0	40	60	100	5
BVHM -304	Foundation Course in Food and Beverage Control-II	5	0	0	40	60	100	5
BVHM -305	Practical: Foundation Course in Food Production Operation-II	0	0	5	40	60	100	5
BVHM -306	Practical: Foundation Course in Food and Beverage Control -II	0	0	5	40	60	100	5
	<b>Total</b>	<b>20</b>	<b>0</b>	<b>10</b>	<b>240</b>	<b>360</b>	<b>600</b>	<b>30</b>

**SEMESTER – IV**

Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
BVHM -401	Interpersonal Effectiveness & Business Communication	5	0	0	40	60	100	5
BVHM -402	Basics of Accounting & Finance	5	0	0	40	60	100	5
BVHM -403	Hotel Engineering	5	0	0	40	60	100	5
BVHM -404	Food Safety & Quality Control	5	0	0	40	60	100	5
BVHM -405	Industrial Visit	0	10	0	80	120	200	10
	<b>Total</b>	<b>20</b>	<b>10</b>	<b>0</b>	<b>240</b>	<b>360</b>	<b>600</b>	<b>30</b>



**SEMESTER – V**

Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
BVHM -501	Business Laws & Ethics for Tourism	5	0	0	40	60	100	5
BVHM -502	Human Resource Management, Planning & Development	5	0	0	40	60	100	5
BVHM -503	Foundation Course in Front Office Management-II	5	0	0	40	60	100	5
BVHM -504	Foundation Course in Accommodation Operations-II	5	0	0	40	60	100	5
BVHM -505	Practical: Foundation Course in Front Office Management-II	0	0	5	40	60	100	5
BVHM -506	Practical: Foundation Course in Accommodation Operations-II	0	0	5	40	60	100	5
	<b>Total</b>	<b>20</b>	<b>0</b>	<b>10</b>	<b>240</b>	<b>360</b>	<b>600</b>	<b>30</b>

**SEMESTER – VI**

Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
BVHM -601	Entrepreneurship Development Programme (EDP): Theory and Practices of Entrepreneurship	5	0	0	40	60	100	5
BVHM -602	Management Concepts and Organizational Behaviour	5	0	0	40	60	100	5
BVHM -603	Advanced Food Production Operations-III	5	0	0	40	60	100	5
BVHM -604	Advanced Food & Beverage Operation-III	5	0	0	40	60	100	5
BVHM -605	Practical: Advanced Food Production Operations-III	0	0	5	20	30	50	2
BVHM -606	Practical: Advanced Food & Beverage Operation-III	0	0	5	20	30	50	2
BVHM -607	Research Project	0	6	0	40	60	100	6
	<b>Total</b>	<b>20</b>	<b>6</b>	<b>10</b>	<b>240</b>	<b>360</b>	<b>600</b>	<b>30</b>



MANIPUR UNIVERSITY  
CANCHIPUR : IMPHAL

OFFICE ORDERS NO 5850  
Dated, the 11th January, 1994

NO.MU/2-1/80/CDC: As decided by the Syndicate of the Manipur University in its meeting held on 7-1-1994, the S.Kulla Women's College, Nambol is granted permission to start TDC Ist Year Science for one year w.e.f. 1993-94 session in the following subjects with an intake capacity of 50(fifty) students in a session:

Elective subjects

1. Physics
2. Chemistry
3. Botany
4. Zoology
5. Mathematics
6. Home Science
7. Economics &
8. Geography

Interdisciplinary subjects

1. Environmental Studies
2. Human population
3. Food & Nutrition
4. Meteorology
5. Basic Mathematics

However, the College should appoint one additional teacher in Home Science and also should increase sufficient number of books in the library. The College should submit a progress report to the University on the fulfilment of the above conditions within 6(six) months from the date of issue of orders.

( H. Rajamani Singh )  
Director i/c

College Development Council

NO.MU/2-1/80/CDC  
Copy to:-

Dated, the 11th January, 1994

1. SPA to the Vice-Chancellor, M.U.
2. Registrar, M.U.
3. Controller of Examinations, M.U.
4. Director of Edn.(U), Govt. of Manipur
5. Principal concerned
6. Office orders book
7. Guard file
8. College file concerned

( H. Rajamani Singh )  
Director i/c

College Development Council

MANIPUR UNIVERSITY  
COLLEGE DEVELOPMENT COUNCIL  
GANCHIPUR : IMPHAL

OFFICE ORDER NO 1539  
Dated, the 13th October, 1997

NO.MU/2-1/80/CDC: The Syndicate in its meeting held on 11-9-1997 granted permission to the S.K.Women's College, Nambol for opening the following subjects with the intake capacities shown against each:

- |  |   |
|--|---|
| (a) TDC Ist Year Commerce<br>(General Course)                        | 20  |
| (b) Statistics in TDC Ist Yr.<br>Arts & Science.<br>(General Course) | 20 students each<br>in Arts & Science<br>stream |

The College is directed to furnish list of books purchased on Commerce and Statistics within a period of 1(one) month from the issue of this order.

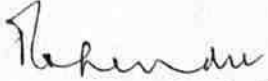
*Y. Mohendra Singh*  
( Dr.Y. Mohendra Singh )  
Director 13/10/97  
College Development Council

**C.C.**

1. The SPA to the Vice-Chancellor, Manipur University.
2. The Registrar, Manipur University
3. The Director of Edn.(U), Govt. of Manipur
4. The Controller of Examinations, M.U.
5. The Principal, S.K.Women's College, Nambol
6. Office order book
7. Concerned file

Name of College S.K. Women's College,

Subject	No. of teachers	Course(s) of Studies permitted		Remarks
		Honours	General	
1	2	3	4	5
Manipuri	7	General & Honours		
English	7	General & Honours		
Physics	7	General & Honours		
Chemistry	7	General & Honours		
Zoology	7	General & Honours		
Botany	7	General & Honours		
Mathematics	6	General & Honours		
Economics	6	General & Honours		
Political Sc.	6	General & Honours		
History	6	General & Honours		
Geography	5	General & Honours		- Subject to the appointment 1(one) lecturer
Education	6	General & Honours		
Home Sc.	7	General & Honours		
Geology	7	General & Honours		
Sociology	6	General & Honours		
Philosophy	3	General only		
Hindi	4	General only		
Statistics	4	General only		
Commerce	4	General only & Honours		

  
 ( Dr. Y. Mohendra Singh )  
 Director, 17/7/77  
 College Development Council



MANIPUR UNIVERSITY  
COLLEGE DEVELOPMENT COUNCIL  
CANCHIPUR : IMPHAL

Office Orders No. / 1139  
Dated, the 6<sup>th</sup> February, 2006

NO.MU/-1/2005/CDC : As decided by the Syndicate of the University under its resolution no. **7/188/27-6-2005**, the S.K.Women's College, Nambol has been granted permission to open B.Sc. Ist Year (Biotechnology) from the academic session 2005-06.



(Prof. N. Lokendra Singh)  
Director

College Development Council

Copy to:

1. Assistant Registrar to Vice - Chancellor, M.U.
2. Registrar, M.U.
3. Director of Edn.(U), Government of Manipur
4. Controller of Examinations, M.U.
5. ✓ Principals concerned
6. File concerned
7. Guard file
8. Office orders book.



R.K.Ranjan Singh  
Director I/c

**COLLEGE DEVELOPMENT COUNCIL  
MANIPUR UNIVERSITY  
CANCHIPUR, IMPHAL - 795003**

Tele No.: 0385-2435152 (O), 9436021753(M)  
e-mail : ranjanrk@sancharnet.in

No.MU/2-4/2000/CDC(Pt.)/323

July 15, 2008

To

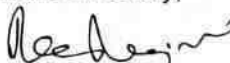
The Principal,  
S.Kula Women's College, Nambol

Subject : Permission to start BCA course from the  
Academic session 2008-09

Sir,

With reference to your letter No. SKW-6/70-2008/BCA dated 23<sup>rd</sup> June, 2008 on the above subject, I am directed to inform you that the University has permitted your College to open BCA from the Academic Session 2008-09 in anticipation of the approval of the CDC.

Yours sincerely,

  
(Dr. R.K. Ranjan Singh)

Copy to:-

3. Sr. Asst. Registrar to the Vice-Chancellor,  
Manipur University
2. PA to the Pro vice-Chancellor, MU



R.K.Ranjan Singh  
Director I/c

COLLEGE DEVELOPMENT COUNCIL  
MANIPUR UNIVERSITY  
CANCHIPUR, IMPHAL - 795005

Tele No: 0385-2435152 (O), 9436021753(M)  
e-mail : ranjanrk@saneharnet.in

No. MU/2-4/2008/CDC/302

July 19, 2008

To

The Principal  
S. Kula Women's College  
Nambol

Subject: Grant of permission for opening new subject in Human Rights and Values Education as an Elective subject in B.A. 1<sup>st</sup> Year (General) and Certificate Course in Human Rights and duties Education.

Sir,

This has reference to your letter No. SKW-6/69-2008/PC dated the 25<sup>th</sup> June, 2008 on the above subject. I am directed to convey the approval of the University for opening New subject in Human Rights and Values Education as an Elective subject in B.A. 1<sup>st</sup> Year (General) and Human Rights and Duties Education as a certificate course in your College from the current academic session in anticipation of the approval of College Development Council.

Yours faithfully,

  
(Dr. R.K. Ranjan Singh)

Copy to:

1. The Sr. Assistant Registrar to the Vice-Chancellor, MU
2. PA to the Pro-Vice-Chancellor, MU
3. The Registrar, MU
4. The Controller of Exams., MU
5. The Relevant file.





Prof. N. Lokendra Singh  
Registrar

222  
222

MANIPUR UNIVERSITY  
Canchipur, Imphal - 795003  
MANIPUR: INDIA  
Tele: 0385 - 2435152  
Fax No. 0385-2435145/2435831

MU/2-1/83/CDC/ 578

April 22, 2015

To

The Principal,  
S.K. Women's College  
Nambol Kongkhambat,  
Manipur

Subject : Starting of B.Voc Programme at S.K. Women's College on  
(i) Food Processing & Engineering  
from the academic session, 2014-15

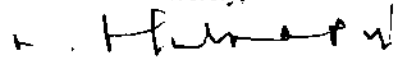
Madam,

In inviting to your letter No. SKW-6/136-2014/CC/B.Voc dated 2<sup>nd</sup> February, 2015 on the subject mentioned above, I am directed to convey approval of the University for Starting B.Voc Programmes on (i) Food Processing and Engineering from the academic session, 2014-15.

Further, it is to inform you that the College has to deposit the following permission fees prescribed as per Ordinance of the University.

Sl.No.	Particulars	Fee to be deposited (Rs.)
I	Permission fee @ Rs. 8000/- per Programme	Rs. 8,000.00

Yours sincerely,

  
(Prof. N. Lokendra Singh)

Copy to:

1. PA to the Hon'ble Vice-Chancellor, MU
2. The Controller of Exams., MU
3. S.O. Cash
4. Relevant file

कुलपति,  
मणिपुर विश्वविद्यालय  
Bheemtal  
Manipur University



MANIPUR UNIVERSITY  
COLLEGE DEVELOPMENT COUNCIL  
Canchipur, Imphal - 795003  
MANIPUR: INDIA  
Tele: 0385 - 2435152  
Fax No. 0385-2435145/2435831

Prof. Th. Ratankumar Singh  
Director

MU/2-4/2000/CDC/ME

September 29, 2015

To

The Principal,  
S.Kula Women's College  
Nambol Kongkhambat, Manipur

Subject : Introducing of UGC sponsored B.Voc. Programme on Fashion  
Technology from the academic session, 2014-15.

Sir,

With reference to your letter No. 1/Misc/DMCC(Misc) dated 16<sup>th</sup> January, 2015 on the subject mentioned above, I am directed to convey approval of the University for Introducing UGC sponsored B.Voc. Programme on Fashion Technology from the academic session, 2014-15.

Further, it is also to inform you that the College has to deposit the following permission fee immediately as per Ordinance of the University.

Sl.No.	Particulars	Fee to be deposited (Rs.)
1	Permission fee @ Rs. 8000/- per course	Rs. 8,000.00

Yours sincerely,

  
(P:of. Th. Ratankumar Singh)

Copy to:

1. PA to the Hon'ble Vice-Chancellor, MU
2. The Controller of Exams., MU
3. S.O. Cash
4. Relevant file

*Received  
N. J. J. J.*



Prof. Th. Ratankumar Singh  
Director

MANIPUR UNIVERSITY  
COLLEGE DEVELOPMENT COUNCIL  
Canchipur, Imphal - 795003  
MANIPUR: INDIA  
Tele: 0385-2435152/09862027338(m)  
[ratanthouna@manipuruniv.ac.in](mailto:ratanthouna@manipuruniv.ac.in)  
Fax No. 0385-2435145/2435831

No. MU/2-4/2000/CDC/Pt./379

19 March 2019

To

The Principal,  
S.K. Womens' College  
Nambol Kongkhambat,  
Manipur

Subject : Introducing of UGC sponsored B.Voc programme in (i) Information Technology (Software Development) and (ii) Catering and Hotel Management from the academic session, 2018-19.

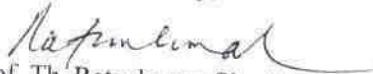
Sir,

With reference to your letter No. SKW-6/136-2014/CC/VOC dated 27<sup>th</sup> October 2018, I am directed to convey approval of the University for Introducing UGC sponsored B.Voc. programmes in (i) Information Technology (Software Development) and (ii) Catering and Hotel Management with an intake capacity of 50 students each trade from the academic session, 2018-19.

Further, it is also to inform you that the College has to deposit the following permission fee immediately as per Ordinance of the University.

Sl.No.	Particulars	Fee to be deposited (Rs.)
1	Permission fee @ Rs. 10,000/-	Rs. 10,000.00

Yours sincerely,

  
(Prof. Th. Ratankumar Singh)

Copy to:

1. PA to the Hon'ble Vice-Chancellor, MU
2. The Registrar., MU,
3. S.O. Cash
4. Relevant file