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**Guidelines for Implementation of NEP 2020:
Multiple Entry and Exit in Academic Programmes
offered in Mizoram University**

**Task Force Committee for Implementation of
National Education Policy 2020
in Mizoram University**

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Guidelines for Implementation of NEP 2020: Multiple Entry and Exit in Academic Programmes offered in Mizoram University

1 Introduction

The National Education Policy (NEP) 2020 seeks to reform the Higher Education system by providing flexibility to students in terms of choice of subjects to study and academic pathways. The policy envisages broad based, multi-disciplinary, holistic academic programmes. One very important recommendation of the NEP 2020 is a creative combination of disciplines for study with multiple entry and exit points. Thus, the curriculum will become flexible by allowing combinations of subjects (*for example Maths with Music, History with Painting etc.*) and vocational education will be integrated with mainstream education.

The NEP 2020 also states that there will be multiple entry and exit points in the academic programmes offered at Higher Education Institutions (HEIs) with the aim of removing rigid boundaries and create new possibilities for students to choose and learn the subject(s) of their choice. This will also pave the way for students to have seamless mobility within or across the HEIs through formal system of credit recognition and transfer.

2 Initiative for Implementation of NEP 2020

In pursuant of the resolution of the 57th Meeting of Executive Council held on 9th July, 2021 and the resolution of 40th Meeting of the Academic Council of Mizoram University held on 26th June, 2021, the Committee for Implementation of New Education Policy 2020 was constituted (*vide No. 16-4/MZU(ACAD/14 dated 6th August, 2021*). This Committee which met on 20th September, 2021 further resolved to constitute the Task Force Committee for Implementation of NEP 2020 which will focus on Implementation of Multiple Entry and Exit Guidelines in Post Graduate (PG), Undergraduate (UG) and Professional Courses/Vocational Courses/Skill based Education and Liberal Arts Education. The following are members of the Task Force Committee:

Chairman: Prof. Lalhmasai Chuaungo, Dept. of Education

Members: Prof. Sarangadhar Baral, Dean, SEH
 Prof. R.K. Ngurtinkhuma, Dean SEMIS
 Prof. Lalrintluanga, Dean, SSS
 Prof. U.K. Sahoo, Dean, SES&NRM
 Prof. Senthil Kumar, Dean, SLS
 Prof. Diwakar Tiwar, Dean, SPS
 Prof. L. Lolit Kumar Singh, Dean, SET
 Prof. Zaithanzauva Pachuau, Dean, SFAAFT
 Dr. B. Lalremruata, Gen. Secretary, MIZUTA

Co-opted Members: Prof. Lalnundanga, Registrar
 Prof. Vanlalchhawna, Finance Officer
 Prof. Lalnuntluanga, Controller of Examinations

Member Secretary: Prof. Lalnilawma, Dept. of Extn Edn & Rural Dev't.

In consultation with the policy document on NEP 2020 (Ministry of Education) and Guidelines for Multiple Entry and Exit in Academic Programmes offered in HEIs (UGC), the Task Force Committee came up with this Guidelines for Implementation of NEP 2020 in Mizoram University and the same is presented below:

3 Academic Programmes

In line with the NEP 2020, Mizoram University is committed to offer programmes that envisage broad based, multi-disciplinary and holistic education at various levels of UG and PG Programmes.

3.1 Undergraduate Programmes

The UG Programme will be of Three-Year (Bachelor's Degree) or Four-Year (Honours/Research) duration and the curriculum will be flexible by allowing creative combinations of subjects where vocational education will be an integral part. The students will have opportunity for multiple entry and exit with appropriate certification viz. Undergraduate Certificate after one year (two semesters), Undergraduate Diploma after two years (four semesters), Bachelor's Degree after three years (six semesters) and Bachelor's Degree with Honours/Research after 4 years (eight semesters) (*Fig. 1*). This will allow them to continue or leave a course as per their convenience/passion.

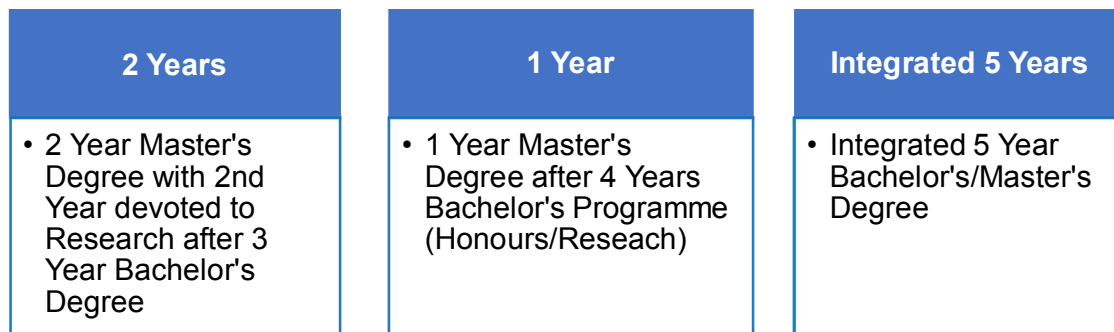
Figure 1: Multiple Exit Options



3.2 Master's Programmes

There will be flexibility in the Master's Programme offered by Mizoram University viz. a Two-Year Master's Degree after Three-Year Bachelor's Degree with 2nd Year devoted to research and a One-Year Master's Degree after Four-Year Bachelor's with Honours/Research. There will also be provisions for Integrated Five-Year Bachelor's/Master's Programme depending on the capability of Academic Department(s) (*Fig. 2*).

Figure 2: Master's Programme



There will be only one exit point for those who join the Two-Year Master's Programme. The students who exit after the first year will be awarded Post-Graduate Diploma.

3.3 Ph.D Programme

Knowledge creation and research are critical in growing and sustaining a large and vibrant economy, uplifting society, and continuously inspiring a nation to achieve even greater height. To achieve a greater height in various fields of research, Mizoram University will continue to offer Ph.D Programme where more of quality Inter-disciplinary Research will be encouraged.

4 Programme Structure

The educational approaches that integrate the humanities and arts with Science, Technology, Engineering and Mathematics (STEM) have consistently showed positive learning outcomes, including increased creativity and innovation, critical thinking and higher-order thinking capacities, problem-solving abilities, teamwork, communication skills, more in-depth learning and mastery of curricula across fields, increases in social and moral awareness, etc., besides general engagement and enjoyment of learning.

4.1 Course Categorization and Credit Distribution

In ensuring a holistic and multi-disciplinary education, the UG and PG Programme structure of Mizoram University will be imaginative and flexible in nature with creative combinations of credit-based courses categorized as follows.

4.1.1 Course Categorization and Credit Distribution for UG/Bachelor's Programme

The different category of courses to be offered in the UG/Bachelor's Programme of Mizoram University shall comprise of the following:



These courses will be offered across the semesters with total of 20 credits in each semester. Details of credit distribution across different category of courses for UG/Bachelor's Programme are shown in *Tables 1*.

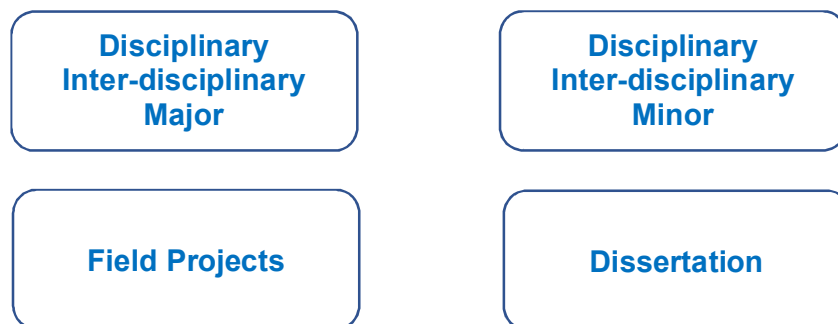
Table 1: Course Categorization and Credit Distribution for UG/Bachelor's Programme

SI No	Course Category	Credit Distribution	
		UGC Guidelines	Proposed for MZU
1	Disciplinary/Inter-disciplinary Major (DMj/IMj)	40-56	56
2	Disciplinary/Inter-disciplinary Minor (DMn/IMn)	20-28	24
3	Vocational Studies (VS)	12 - 18	18
4	Field Projects (in areas of community engagement and service)/ Internship/ Apprenticeship (FP/Ints/Apts)	24-32	28
5	Language Skill and Communication (LSC)		4
6	Environmental Studies (EVS)		3
7	Value-Based Course		6
8	Global Citizenship Education (GCE)		3
9	Research Project (RP)		18
Total			160

4.1.2 Course Categorization and Credit Distribution for PG/Master's Programme

In line with the NEP 2020, Mizoram University shall offer two types of Master's Programmes – A Two-Year Master's Programme for students joining with Three-Year Bachelor's Degree and a One-Year Master's Programme for those who completed Four -Year Bachelor's Degree with Honours/Research.

The Two-Year Master's Programme shall have four categories of courses which include the following:



These courses will be offered across four semesters. Each semester shall be of 20 credits with a total of 80 credits. Details of credit distribution across different category of courses for Two-Year Master's Programme are presented in *Table 2*.

Table 2: Course Category and Credit Distribution for 2-Year PG/ Master's Programme

Sl. No.	Course Category	Credit Distribution
1	Disciplinary/Inter-disciplinary Major (DMj/IMj)	34
3	Disciplinary/Inter-disciplinary Minor (DMn/IMn)	12
5	Field Projects (in areas of community engagement and service)/ Internship/Apprenticeship (FP/Ints/Apts)	16
6	Dissertation	18
Total		80

The One-Year PG/Master's Programme on the other hand shall have three categories of courses as below:



These courses shall be distributed across two semesters with 20 credits each and the requirement for a One-Year PG/Master's Degree shall be of 40 credits. Credit distribution of each category of courses under a One-Year PG/Master's Programme may be seen in *Table 3*.

Table 3: Course Category and Credit Distribution for 1-Year PG/Master's Programme

Sl. No.	Course Category	Credit Distribution
1	Disciplinary/Interdisciplinary Major (DMj/IMj)	12
2	Disciplinary Minor (DMn)	4
3	Field Project/Internship/Apprenticeship	6
3	Dissertation	18
Total		40

4.2 Ph.D Programme

Entry into Ph.D Programme under Mizoram University shall be opened to candidates with:

- i) A Two-Year Master's Degree obtained after completing a Three-Year Bachelor's Programme
- ii) A One-Year Master's Degree obtained after completing a Four-Year Bachelor's Programme with Research

iii) A Four-Year Bachelor's Degree (Honours/Research)

iv) An Integrated Five-Year Bachelor's/Master's Degree

Candidates with the above minimum qualifications meeting entrance requirements stipulated by Mizoram University shall be selected for admission into the Ph.D Programme on merit basis.

In line with the proposal of NEP 2020 (15.9), the following shall be incorporated in the Ph.D Programme:

- i) All fresh Ph.D. entrants, irrespective of discipline, will be required to take credit-based courses in teaching/education/pedagogy/writing related to their chosen Ph.D subject during their doctoral training period.
- ii) Some academic departments (for e.g., Education, English) in the University may be entrusted to develop credit-based courses in teaching/education/pedagogy/writing for Ph.D. course work. Concerned departments may offer the course/s in a blended mode in which theory part may be imparted in an online mode whereas practical part may be done in an offline mode. Ph.D. students may also offer Massive Open Online Courses (MOOCs) or other recognized distance or online courses related to teaching/education/pedagogy/writing.
- iii) Exposure to pedagogical practices, designing curriculum, credible evaluation systems, communication, and so on will be ensured since many research scholars will go on to become faculty or public representatives/communicators of their chosen disciplines.
- iv) Ph.D students will also have a minimum number of hours of actual teaching experience gathered through teaching assistantships and other means.
- v) Ph.D. programmes at Mizoram University will be re-oriented for this purpose.

4.3 Description of Courses

In order to have better understanding of different category of courses offered by Mizoram University under the NEP 2020, description of courses are presented below:

4.3.1 *Disciplinary/Inter-disciplinary Major*

Disciplinary Major (DMj) are the core courses which require in-depth knowledge in the subject and these are offered/floated by the parent department for a particular degree.

Examples:

Suppose the Major in Graduate Program is **Physics**, the DMj courses will be Basic Physics, Electricity and Magnetism, Statistical Mechanics etc.

Suppose the Major in Graduate Program is **Chemistry**, the DMj courses will be Physical Chemistry, Inorganic Chemistry, Analytical Chemistry etc.

Inter-disciplinary Major (IMj) course on the other hand are courses which provide greater and required knowledge to complement the major chosen for a degree. The IMj courses are offered/floated by other relevant departments. The relevant courses of other departments will be identified by concerned Board of Studies (BoS) with more flexibility and options for students to fulfil the requirements of the programme.

Examples:

Suppose the Major in Graduation Program is **Physics**, the IMj courses will be Physical Chemistry, Inorganic Chemistry, Mathematics etc.

Suppose the Major in Graduation Program is **Chemistry**, the IMj courses will be Electricity and Magnetism, Statistical Mechanics, Mathematics, Zoology, Botany etc.

A total of 56 credits shall be allotted to the DMj/IMj courses and spread across the different semesters. Each Major course shall be of 3 credits. Details of course and credit distribution may be seen in *Table 5*.

4.3.2 Disciplinary/Inter-disciplinary Minor

A minor course provides additional breadth and depth to the main program. It is secondary academic discipline which supplements and complements the major of the program. It may be taken within the same department or from other departments. The interdisciplinary minors may be of the choice of students which may be opted from other departments of their interest. The departments may offer/float the Minor courses available for the students of main discipline as well as students of other disciplines. Each minor is to be intact and provide a flavour of that course.

Example:

For **Physics Department**, Students may select Minor courses within or other departments of their choice.

Minor Courses of Disciplinary

Physics Department may offer/float the minor courses such as Essence of Astrophysics, Basic of Radiation Physics, Computational Physics etc.

Minor Courses for Interdisciplinary

Chemistry: Applications of Atomic Spectroscopy; Forensic Science; Food Chemistry etc.

Mathematics: Matlab: Uses and Applications; C Programming for Beginners, Applied Calculus etc.

The total credits allotted for DMn/IMn shall be 24 credits. Each DMn/IMn course will be of 2 credits. Details of course and credit distribution may be seen *Table 5*.

4.3.3 Vocational Studies

Vocational Studies (VS) shall form an integral part of the academic programmes of Mizoram University. A total of 18 credits is allotted to VS and shall spread across the second, third, fifth, sixth and eighth semesters (*see Table 5*). Guidelines for implementation of VS in Mizoram University is presented in *Annexure - I*.

4.3.4 Field Projects/Internship/Apprenticeship

The students, as a part of their course, will be given opportunities to enroll for Field Project(s) in the areas of community engagement and service, Internship, and Apprenticeship (FP/Ints/Apts). This component of the programmes is allotted 28 credits and the courses will spread across all the semesters (*see Table 5*).

4.3.5 Language Skill and Communication

Courses on Language Skill and Communication (LSC) also forms a part of the academic programmes. Under this category, English Communication and MIL Communication papers shall be offered. These papers shall focus on development and enhancement of soft skills such as communication, discussion and debate emphasized by NEP 2020 (11.1). A total of 4 credits shall be allotted to LSC and a paper of 2 credits each shall be offered in the second and third semesters (*see Table 5*).

4.3.6 Environmental Studies

Course on Environmental Studies (EVS) carrying 3 credits shall also be offered. This paper will include areas such as climate change, pollution, waste management, sanitation, conservation of biological diversity, management of biological resources and biodiversity, forest and wildlife conservation, and sustainable development and living as suggested by NEP 2020 (11.8). The EVS paper of 3 credits shall be offered in first semester (*see Table 5*).

4.3.7 Value-Based Course

Value-Based Course (VBC) shall also be included in the academic programmes with a total of 6 credits. VBC of 3 credits each shall be offered in the fourth and sixth semesters (*see Table 5*).

These courses will aim at the development of humanistic, ethical, Constitutional, and universal human values of truth (*satya*), righteous conduct (*dharma*), peace (*shanti*), love (*prem*), nonviolence (*ahimsa*), scientific temper, citizenship values, and also life-skills as suggested by NEP 2020 (11.8).

A pool of courses shall be prepared by the University which may include courses like Ethics and Culture/ Ethics and Self Awareness; Co-curricular; Sports/NCC/NSS; Health and Wellness; Social and Emotional Learning; Innovation and Entrepreneurship; IT Skills, Data Analysis and Mathematics; Science and

Society, etc., out of which three courses could be selected which shall be on offer to the students.

4.3.8 Global Citizenship Education

As the world is becoming increasingly interconnected, Global Citizenship Education (GCED), a response to contemporary global challenges, will also be provided to empower learners to become aware of and understand global issues and to become active promoters of more peaceful, tolerant, inclusive, secure, and sustainable societies (NEP, 2020, 11.8). To fulfill this vision of NEP 2020, Mizoram University shall offer a 3 credits GCE course in the fifth semester (see Table 5).

4.3.9 Research Project

Research Project (RP) is earmarked for students taking a 4-Year Bachelor's degree with Honours/Research. A total of 18 credits shall be allotted for RP. The students are expected to complete 8 credits of the RP works in the seventh semester - writing of project/research proposal, review of related literature or studies and collection of the required data. The remaining 10 credits of RP works is earmarked for eighth semester where the students shall complete writing the research project report and submit the final copy to the concerned authority at least one week before commencement of end semester examination (see Table 5).

5 Multiple Entry and Exit Options

UGC Guidelines for Multiple Entry and Exit (MEE) in Academic Programmes offered in HEIs (July, 2021) clearly stipulates series of academic levels with options for multiple entry and exits options. Detailed provisions for MEE in Mizoram University may be seen in *Annexure – II*.

5.1 Certification of Qualification and Credit Requirement

Certification of academic qualifications will be categorized in terms of certificate, diploma and degree which are organized in a series of academic levels in ascending order from level 5 to level 10. Each level of academic qualification has certain credit requirement and these are presented below (Table 4):

Table 4: Certification of Qualification and Credit Requirement

Levels	Qualification	Credit Requirement
Level 5	Undergraduate Certificate (1 Year or 2 Semesters)	36 – 40
Level 6	Undergraduate Diploma (2 Years or 4 Semesters)	72 – 80
Level 7	Bachelor's Degree (3 Years or 6 Semesters)	108 – 120
Level 8	Bachelor's Degree with Honours/Research (4 Years or 8 Semesters)	144 – 160
Level 8	Post-Graduate Diploma (For those who exit after completion of 1 Year or 2 Semesters of 2-Year Master's degree programme)	36 – 40
Level 9	Master's Degree (2 Years or 4 Semesters after a 3-Year Bachelor's degree)	72 – 80
Level 9	Master's Degree (1 Year or 2 Semesters after a 4-Year Bachelor's Degree with Honours/Research)	36 – 40
Level 10	Doctoral Degree	Minimum prescribed credits for course

		work and a thesis with published work
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Source: UGC Guidelines for Multiple Entry and Exit in Academic Programmes offered in Higher Education Institutions (July, 2021)

5.2 Course and Credit Distribution for UG Programmes with Multiple Entry and Exit Options

Course and credit distribution for UG/Bachelor's Degree Programme of Mizoram University with Multiple Entry and Exit options is presented in *Table 5*.

Table 5: Course and Credit Distribution for UG/Bachelor's Degree Programme with Multiple Entry and Exit Options

Semester	Disciplinary/ Inter-disciplinary Major		Disciplinary/ Inter-disciplinary Minor		Vocational Studies	FP/Ints/ Apts	LSC/EVS/ VBC/CGE	RP	Total Credit
	DMj	IMj	DMn	IMn					
I	DMj - 1 (3)	IMj - 1 (3) <i>Choose one from pool of DMj Courses of other Disciplines</i>	DMn -1 (2)	IMn - 1 (2) <i>Choose one from pool of DMn Courses of other Disciplines</i>	-	FP/Ints/ Apts (4)	EVS (3)	-	20
		IMj - 2 (3) <i>Choose one from pool of DMj Courses of other Disciplines</i>							
II	DMj - 2 (3)	IMj - 3 (3) <i>Choose one from pool of DMj Courses of other Disciplines</i>	DMn -2 (2)	-	VS - 1 (4) <i>Choose from a pool of VS Courses</i>	FP/Ints/ Apts (3)	LSC (2)	-	20
		IMj - 4 (3) <i>Choose one from pool of DMj Courses of other Disciplines</i>							
Exit option with Undergraduate Certificate after the first year or two semesters with the completion of courses equivalent to 40 credits along with entry option to third semester after exit									

DMj =	Disciplinary Major	IMj	=	Inter-disciplinary Major
DMn =	Disciplinary Minor	IMn	=	Inter-disciplinary Minor
VS =	Vocational Studies	FP/Ints/Apts	=	Field Project/Internship/Apprenticeship
LSC =	Language Skill and Communication	EVS	=	Environmental Studies
VBC =	Value-Based Course	GCE	=	Global Citizenship Education
RP =	Research Project			

Note: DMj – 1 (3) means the 1st Disciplinary Major course with 3 credit while DMj – 2 (3) means 2nd Disciplinary Major course with 3 credits and so on.

Guidelines for Implementation of NEP 2020 with Multiple Entry and Exit Options

Table 5: Course and Credit Distribution for UG/Bachelor's Degree Programme with Multiple Entry and Exit Options (Contd...)

Semester	Disciplinary/ Inter-disciplinary Major		Disciplinary/ Inter-disciplinary Minor		Vocational Studies	FP/Ints/ Apts	LSC/EVS/ VBC/CGE	RP	Total Credit
	DMj	IMj	DMn	IMn					
III	DMj - 3 (3)	IMj - 5 (3) <i>Choose one from pool of DMj Courses of other Disciplines</i>	DMn -3 (2)	-	VS - 2 (4) <i>Choose from a pool of VS Courses</i>	FP/Ints/ Apts (3)	LSC (2)	-	20
		IMj - 6 (3) <i>Choose one from pool of DMj Courses of other Disciplines</i>							
IV	DMj - 4 (3)	IMj - 7 (3) <i>Choose one from pool of DMj Courses of other Disciplines</i>	DMn -4 (2)	IMn - 2 (2) <i>Choose one from pool of DMn Courses of other Disciplines</i>	-	FP/Ints/Apts (4)	VBC (3)	-	20
		IMj - 8 (3) <i>Choose one from pool of DMj Courses of other Disciplines</i>							
Exit option with Undergraduate Diploma after two years or four semesters with the completion of courses equivalent to 80 credits along with entry option to fifth semester after exit									

DMj = Disciplinary Major

DMn = Disciplinary Minor

VS = Vocational Studies

LSC = Language Skill and Communication

VBC = Value-Based Course

RP = Research Project

IMj = Inter-disciplinary Major

IMn = Inter-disciplinary Minor

FP/Ints/Apts = Field Project/Internship/Apprenticeship

EVS = Environmental Studies

GCE = Global Citizenship Education

Table 5: Course and Credit Distribution for UG/Bachelor's Degree Programme with Multiple Entry and Exit Options (Contd...)

Semester	Disciplinary/ Inter-disciplinary Major		Disciplinary/ Inter-disciplinary Minor		Vocational Studies	FP/Ints/ Apts	LSC/EVS/ VBC/GCE	RP	Total Credit
	DMj	IMj	DMn	IMn					
V	DMj - 5 (3)	-	DMn -5 (2)	IMn - 3 (2) <i>Choose one from pool of DMn Courses of other Disciplines</i>	VS - 3 (4) <i>Choose from a pool of VS Courses</i>	FP/Ints/ Apts (3)	GCE (3)	-	20
	DMj - 6 (3)			VS - 4 (3) <i>Choose from a pool of VS Courses</i>					
VI	DMj - 7 (3)	-	DMn -6 (2)	IMn - 4 (2) <i>Choose one from pool of DMn Courses of other Disciplines</i>	VS - 4 (3) <i>Choose from a pool of VS Courses</i>	FP/Ints/ Apts (4)	VBC (3)	-	20
	DMj - 8 (3)								
Exit option with Bachelor's Degree (Bachelor of Arts/Science/Commerce etc.) after three years or six semesters with the completion of courses equivalent to 120 credits . Entry option to the fourth year or seventh semester for those students meeting a minimum CGPA of 7.5 in Bachelor's Degree examination									

DMj	=	Disciplinary Major	IMj	=	Inter-disciplinary Major
DMn	=	Disciplinary Minor	IMn	=	Inter-disciplinary Minor
VS	=	Vocational Studies	FP/Ints/Apts	=	Field Project/Internship/Apprenticeship
LSC	=	Language Skill and Communication	EVS	=	Environmental Studies
VBC	=	Value-Based Course	GCE	=	Global Citizenship Education
RP	=	Research Project			

Table 5: Course and Credit Distribution for UG/Bachelor's Degree Programme with Multiple Entry and Exit Options (Contd...)

Semester	Disciplinary/ Inter-disciplinary Major		Disciplinary/ Inter-disciplinary Minor		Vocational Studies	FP/Ints/ Apts	LSC/EVS/ VBC/CGE	RP	Total Credit
	DMj	IMj	DMn	IMn					
VII	DMj - 9 (4)	-	DMn -7 (2)	IMn - 5 (2) <i>Choose one from pool of DMn Courses of other Disciplines</i>	-	FP/Ints/ Apts (4)	-	8	20
VIII	DMj – 10 (4)	-	-	-	VS - 5 (3) <i>Choose from a pool of VS Courses</i>	FP/Ints/ Apts (3)	-	10	20
Award of Bachelor's Degree (Honours/Research) or Bachelor of Arts/Science/Commerce (Hons) in Discipline with Research after four years or eight semesters with the completion of courses equivalent to 160 credits									
Total	56		24		18	28	16	18	160

DMj =	Disciplinary Major	IMj =	Inter-disciplinary Major
DMn =	Disciplinary Minor	IMn =	Inter-disciplinary Minor
VS =	Vocational Studies	FP/Ints/Apts =	Field Project/Internship/Apprenticeship
LSC =	Language Skill and Communication	EVS =	Environmental Studies
VBC =	Value-Based Course	GCE =	Global Citizenship Education
RP =	Research Project		

Explanation

1) Disciplinary/Inter-disciplinary Major:

DMj/IMj are pool of major courses to be chosen by students of the discipline of study as well as students of other disciplines. One mandatory DMj course shall be floated every semester by the disciplines of study for their own students as well as students of other disciplines. The DMj courses offered by a particular discipline shall be credited as DMj for students of same discipline and at the same time it will be credited as IMj for students of other disciplines.

For example, if students of B.Sc. (Chemistry) take the DMj course offered by Chemistry, it will be credited as DMj for Chemistry. If students of other disciplines, say Environmental Science take the same DMj course of Chemistry, it will be credited as IMj for Environmental Science.

All disciplinary/inter-disciplinary major and minor courses are of theory papers.

2) Disciplinary/Inter-disciplinary Minor:

DMn/IMn are pool of minor courses to be chosen by students. The minor courses to be offered in a particular semester will be floated by various disciplines of study based on the departmental strength. Students from same discipline of study or from other disciplines may choose any of the DMn/IMn course(s) as per credit requirements.

For example, DMn course offered by a particular discipline of study say Education, will be credited as DMn for students of Education while the same DMn course will be credited as IMn if students from other discipline, say Political Science take it.

3) Vocational Studies (VS):

There shall be pool of Vocational Studies which are multi-disciplinary in nature. Students, regardless of their discipline of study, may take any VS course of their choice from the pool of VS courses available as per credit requirement.

4) Field Project/Internship/Apprenticeship:

This component of the programme is flexible in nature. The students may choose activities either in the form of Field Project, Internship or Apprenticeship as per requirement of concerned discipline of study.

For example, in semesters where 4 credits are allocated, it may be of programmes or activities related to the discipline of study while it can be more general in semesters where 3 credits are assigned.

For those disciplines having laboratory/practical/project may utilize this component for the same. Each discipline of study shall have freedom to utilize this component of FP/Ints/Apts as per requirement.

5) Global Citizenship Education (GCE):

It is desirable that students take the GCE course. However, in case where such GCE courses are not available, students may opt for any other course of their choice having 3 credits.

6) Choice of Disciplinary Major:

Major courses in the 3rd Year (V & VI Semester) shall be of the discipline specific of study. While the requirements for each of V & VI Semester are of two DMj courses, the concerned discipline based on Faculty strength may float more DMj courses for students so that they can select the courses of their choice.

7) Course in Research:

As per provision of NEP 2020, the 4th Year (VII & VIII Semester) of UG/Bachelor's Programme is dedicated for research. It is therefore suggested that the DMj course in the VII Semester is research related course, so the students are equipped with required research skills.

Examples of syllabus structure are attached in *Appendix – III*.

5.3 Course and Credit Distribution for PG Programmes with Multiple Entry and Exit Options

There will be only one exit option in 2-Year PG/Master's Degree Programme with Post-Graduate Diploma after completion of One Year or Two Semesters. The course and credit distribution for the Two-Year PG/Master's Degree Programme with exit option is presented in *Tables 6*.

Table 6: Course and Credit Distribution for Two-Year PG/Master's Degree Programme with Exit Option

Semester	Disciplinary/ Inter-disciplinary Major		Disciplinary/ Inter-disciplinary Minor		FP/Ints/ Apts	Dissertation	Total Credit
I	DMj-1 (3)	IMj - 1 (3) <i>Choose one from pool of DMj courses of other disciplines</i>	DMn-1 (2)	IMn - 1 (2) <i>Choose one from pool of DMn courses of other disciplines</i>	4	-	20
	DMj-2 (3)						
	DMj-3 (3)						
II	DMj-4 (3)	IMj - 2 (3) <i>Choose one from pool of DMj courses of other disciplines</i>	DMn-2 (2)	IMn - 2 (2) <i>Choose one from pool of DMn courses of other disciplines</i>	4	-	20
	DMj-5 (3)						
	DMj-6 (3)						
<i>Exit option with Post-Graduate Diploma after the first year or two semesters with the completion of courses equivalent to 40 credits.</i>							

III	DMj-7 (3)	-	DMn-3 (2)	IMn-1 (2)	4	6	20
	DMj-8 (3)						
IV	DMj-9 (4) <i>Choose from pool of DMj courses</i>	-	-	-	4	12	20
Total	34		12		16	18	80

DMj = Disciplinary Major **IMj** = Inter-disciplinary Major
DMn = Disciplinary Minor **IMn** = Inter-disciplinary Minor
FP/Ints/Apts = Field Project/Internship/Apprenticeship

Note: DMj – 1 (3) means the 1st Disciplinary Major course with 3 credit while DMj – 2 (3) means 2nd Disciplinary Major course with 3 credits and so on.

Explanation

1) Disciplinary/Inter-disciplinary Major:

The DMj are major courses offered by the discipline of study. For students of the discipline offering the course, it will be credited as DMj while for students of other discipline, it will be credited as IMj.

Students will have to take the DMj courses of other discipline as IMj course. For this, each discipline of study will have to offer at least 1 DMj course for students of other disciplines.

For example, there are 3 DMj courses in 1st and 2nd Semesters meant for the students of same discipline. At the same time, there is a need for floating additional DMj course(s) for students of other disciplines to meet the requirement of IMj. For this, one of the DMj courses offered for own students or a separate DMj course(s) may be floated for IMj of students from other disciplines.

Further, it is desirable that the DMj courses in the 3rd Semester are of research related courses. Based on Faculty strength, there shall also be two or more DMj courses floated in the IV Semester so that the students will have options to select the DMj of their choice.

2) Disciplinary/Inter-disciplinary Minor:

DMn are courses offered by the discipline of study. Similar to that of DMj/IMj courses, various disciplines of study will have to make arrangements for DMn/IMn.

3) Field Project/Internship/Apprenticeship:

The concerned discipline of study may prepare discipline-related activities/programmes to be taken up under FP/Ints/Apts. Laboratory/practical/projects may also be taken up under this.

Table 7: Course and Credit Distribution for One-Year PG/Master's Degree Programme

Semester	Disciplinary/ Inter-disciplinary Major		Disciplinary Minor	FP/Ints/ Apts	Dissertation	Total Credit
I	DMj-1 (3)	IMj-1 (3)	DMn-1 (2)	3	6	20
	DMj-2 (3)					
II	DMj-3 (3) <i>Choose one from pool of DMj courses</i>	-	DMn-1 (2)	3	12	20
Total	12		4	6	18	40

DMj = Disciplinary Major IMj = Inter-disciplinary Major
 DMn = Disciplinary Minor
 FP/Ints/Apts = Field Project/Internship/Apprenticeship

Explanation

- 1) The nature of DMj, IMj, DMn and FP/Ints/Apts for One-Year PG/Master's Programme is similar to that of Two-Year PG Programme. It may only be suggested that one of the DMj courses in the 1st Semester may be of Advanced Course related to research.
- 2) The concerned discipline of study based on its Faculty strength may float two or more DMj and DMn courses in the 2nd Semester so that students may have options for the course of their choice.

6 Open Online Courses

To achieve the three cardinal principles of India's Education Policy: Access, Equity and Quality and for the benefit of students, options will be given for students to earn credit by completing quality-assured online programmes offered on the Study Webs of Active Learning for Young Aspiring Minds (SWAYAM: www.swayam.gov.in) or other online educational platform approved by regulatory body from time to time. Students may opt to earn credits from such courses upto 40 per cent of the total courses offered in a particular programme.

7 Course Options

Towards attainment of holistic and multidisciplinary education, list of credit-based courses will be prepared such as disciplinary major and minor, inter-disciplinary major and minor, vocational/skill courses, project in areas of community engagement and service, environmental education, and value-based education etc. To allow the students to take the courses of their choice, the courses to be offered by departments in a particular semester will be floated before the commencement of every semester.

The students will then select the courses of their choice from the list being floated keeping in view of the requirements as per curriculum of the degree they are pursuing.

8 Departmental Coordinators

The students will require proper guidance in selecting the courses of their choice in line with the curriculum of the department. Departmental Coordinator(s) will be appointed to guide the students in selecting the courses to ensure that they complete each level of courses in time.

9 Evaluation Committee for Multiple Entry and Exit

With the provision of multiple entry and exit, students from other HEIs will be allowed entry to appropriate Level. Evaluation Committee will be set up to see the eligibility of such students who desire to join the University from other HEIs with a lateral entry.

Appendix - I**GUIDELINES FOR VOCATIONAL STUDIES UNDER
MULTIPLE ENTRY AND EXIT IN MIZORAM UNIVERSITY****Introduction**

The operational details as per multiple entry and exit guidelines suggested 12-18 credits vocational studies for a four-year-undergraduate degree courses. The guidelines further suggested

1. Skill component will be generally assessed by respective Sector Skill Council (SSC);
2. In case, there is no SSC for specific trade, assessment may be done by an allied SC or the Industry partner or a recognized Skill University;
3. If SSC has no approved Qualification Pack/set of competencies/or SSC could not conduct skill assessment, the institution may conduct the skill assessment through a Skill Assessment Board by Certified Assessors as per the provision enumerated by MoE for Skill Assessment Matrix for Vocational Advancement of Youth (SAMVAY).
4. Skill Assessment Board may be constituted under the chairmanship of VC with nodal officer/coordinator of the programme/centre

Recommendations

In order to start vocational studies under NEP 2020 as per the Guidelines issued by the UGC, the following suggestions have been proposed for smooth transition to the new framework.

1. Memorandum of Understanding with Sector Skill Councils

Under National Skill Development Council (NSDC), there were 36 approved Sector Skill Councils which designed relevant skill development courses as per the provisions of National Skill Qualification Framework (NSQF). In the light of Mizoram's Skill Gap Analysis done by NSDC in 2012, the following Sector Skill Councils may be invited initially to immediately work out the syllabus for vocational studies in their respective fields:

- i. Agriculture Sector Skill Council (e.g., Organic Farming, Protected Cultivation, Production of Horticulture Crops such as Orange and Banana, Floriculture, Piggery etc;
- ii. Beauty and Wellness Sector Skill Council
- iii. Banking, Financial Services and Insurance (BFSI) Sector Skill Council
- iv. Construction Sector Skill Council
- v. Domestic Workers
- vi. HealthCare
- vii. Food Industry Capacity & Skill Initiative
- viii. IT-ITeS
- ix. Management & Entrepreneurship and Professional

- x. Media & Entertainment
- xi. Paints & Coatings
- xii. Tourism and Hospitality

2. Creation of Separate School of Vocational Studies and Skill Development

As NEP 2020 puts/gives priority on introduction of vocational education in the higher educational institution and vocational education being integrated in the HEI system, it is suggested to create immediately a separate School of Vocational Studies and Skill Development to work out courses and coordinate functioning of the programmes under PG and UG courses of MZU. In the meantime, a small committee may be set up to work out the immediate needs of the University.

3. Creation of MZU Skill Assessment Board

The Guidelines suggested that if SSC has no approved Qualification Pack/set of competencies/or SSC could not conduct skill assessment, the institution may conduct the skill assessment through a Skill Assessment Board by Certified Assessors as per the provision enumerated by MoE for Skill Assessment Matrix for Vocational Advancement of Youth (SAMVAY). Mizoram University Skill Assessment Board may be constituted under the chairmanship of VC in order to conduct skill assessment as per SAMVAY.

4. All School of Studies may be instructed to immediately prepare at least two vocational subjects for immediate approval by MZU Skill Assessment Board for introduction in 2022 or until SSC-approved courses are available in the university. They may refer to NSQF, NSDC guidelines and existing courses.

Examples- (i) SEMIS may work out on Tourism, Entrepreneurship, Banking, etc); (ii) SLS on Beekeeping, Piggeries, Poultry Development etc.

Provisions for Multiple Entry and Exit in Academic Programmes offered in Mizoram University

Keeping in mind the flexibility of learning under the NEP 2020, provisions are made for multiple entry and exit for students so they will have options. The entry or re-entry of students from the University or other HEIs is allowed at the odd semester and the exit will be allowed after the even semester. The requirements for entry and exit are as follows:

Bachelor's Programme 1st Year (Level 5)

Entry: Entry requirements for 1st Year (Level 5) are Secondary School Leaving Certificate (Grade 12) and meeting other entrance requirements stipulated by Mizoram University.

Exit: A student after having completed one year or two semesters of Undergraduate/Bachelor's Programme (Level 5) equivalent to 40 credits shall be allowed to exit the programme with Undergraduate Certificate.

2nd Year (Level 6)

Entry: An Undergraduate Certificate holder meeting entrance requirements stipulated by Mizoram University shall be allowed entry to level 6.

Exit: A student after completing two years (four semesters) of Undergraduate/Bachelor's Programme (Level 6) equivalent to 80 credits shall be allowed to exit the programme with Undergraduate Diploma.

3rd Year (Level 7)

Entry: An Undergraduate Diploma holder meeting entrance requirements stipulated by Mizoram University shall be allowed entry to Level 7.

Exit: A student after completing three years (six semesters) of Undergraduate/Bachelor's Programme (Level 7) equivalent to 120 credits shall be allowed to exit the programme with Bachelor's Degree.

4th Year (Level 8)

Entry: A three-year Bachelor's Degree holder meeting a minimum CGPA of 7.5 shall be allowed to continue studies in the fourth year Bachelor's Programme with Research (Level 8).

Exit: A student on completion of the fourth year (8 semesters) of Bachelor's Programme (Level 8) equivalent to 160 credits shall be awarded a Bachelor's Degree (Honours/Research) (Level 8).

Master's Degree Programme (Level 9)

There shall be two main types of Master's Degree Programmes (Level 9) under Mizoram University such as:

- i) A two-year (four semester) Master's Degree Programme and
- ii) A one-year (two semester) Master's Degree Programme

Besides these, there may be an integrated five-year Bachelor's/Master's Programme.

A Two-Year (Four-Semester) Master's Degree Programme (Level 9)

Entry: On completion of a three-year Bachelor's Programme (Level 7), a student shall be eligible for entry into a Two-Year (Four-Semester) Master's Degree Programme (Level 9) with the second year devoted entirely to research.

Exit: A student who desires to exit after successful completion of one year (2 semesters) of Master's Degree Programme equivalent to 40 credits shall be awarded Post-Graduate Diploma (Level 8). A student who successfully completes the two-year Master's Degree Programme equivalent to 80 credits shall be awarded Master's Degree (Level 9).

A One-Year (Two-Semester) Master's Degree Programme (Level 9)

Entry: Entry into a One-Year (Two-Semester) Master's Degree Programme (Level 9) shall be for those students who obtained a Bachelor's Degree (Honours/Research) that is, Level 8).

Exit: A student, on completion of the One-Year (Two-Semester) Master's Degree Programme (level 9) equivalent to 40 credits shall be awarded a Master's Degree.

Doctoral Degree (Level 10)

Undertaking a Doctoral shall require either a Master's Degree or a Four-Year Bachelor's Degree with Research.

Annexure - III

Example of Syllabus Structure and Paper Distribution for UG–Bachelor's Degree Programme

Semester	Course Name	Code	Credits
I	Disciplinary Major	DMj-01	3
	Interdisciplinary Major [from DMj of another subject]	IMj-01	3
	Interdisciplinary Major [from DMj of another subject]	IMj-02	3
	Disciplinary Minor	DMn-01	2
	Interdisciplinary Minor [from DMn of another subject]	IMn-01	2
	Field Project/Internship/Apprenticeship	FIA-01	4
	Environmental Studies	EVS-01	3
Total			20
II	Disciplinary Major	DMj-02	3
	Interdisciplinary Major [from DMj of another subject]	IMj-03	3
	Interdisciplinary Major [from DMj of another subject]	IMj-04	3
	Disciplinary Minor	DMn-02	2
	Vocational Studies	VS-01	4
	Field Project/Internship/Apprenticeship	FIA-02	3
	Language Skill and Communication	LSC-01	2
Total			20
III	Disciplinary Major	DMj-03	3
	Interdisciplinary Major [from DMj of another subject]	IMj-05	3
	Interdisciplinary Major [from DMj of another subject]	IMj-06	3
	Disciplinary Minor	DMn-03	2
	Vocational Studies	VS-02	4
	Field Project/Internship/Apprenticeship	FIA-03	3
	Language Skill and Communication	LSC-01	2
Total			20
IV	Disciplinary Major	DMj-02	3
	Interdisciplinary Major [from DMj of another subject]	IMj-07	3
	Interdisciplinary Major [from DMj of another subject]	IMj-08	3
	Disciplinary Minor	DMn-04	2
	Interdisciplinary Minor [from DMn of another subject]	IMn-02	2
	Field Project/Internship/Apprenticeship	FIA-04	4
	Value-based Course	VBC-01	3
Total			20
V	Disciplinary Major	DMj-05	3
	Disciplinary Major	DMj-06	3
	Disciplinary Minor	DMn-05	2
	Interdisciplinary Minor [from DMn of another subject]	IMn-03	2
	Vocational Studies	VS-03	4
	Field Project/Internship/Apprenticeship	FIA-04	3
	Global Citizenship Education	GCE-01	3
Total			20

Example of Syllabus Structure and Paper Distribution for UG–Bachelor's Degree Programme (Contd...)

Semester	Course Name	Code	Credits
VI	Disciplinary Major	DMj-07	3
	Disciplinary Major	DMj-08	3
	Disciplinary Minor	DMn-06	2
	Interdisciplinary Minor [from DMn of another subject]	IMn-04	2
	Vocational Studies	VS-03	3
	Field Project/Internship/Apprenticeship	FIA-04	4
	Value-based Course	VBC-02	3
Total			20
VII	Disciplinary Major	DMj-09	4
	Disciplinary Minor	DMn-07	2
	Interdisciplinary Minor [from DMn of another subject]	IMn-05	2
	Field Project/Internship/Apprenticeship	FIA-05	4
	Research Project	RP-01	8
Total			20
VIII	Disciplinary Major	DMj-10	4
	Vocational Studies	VS-03	3
	Field Project/Internship/Apprenticeship	FIA-06	3
	Research Project	RP-02	10
Total			20
Grand Total			160

NB.

1. Unit allocation:
 - a) Each DMj/IMj/EVS paper will be of four units.
 - b) Each DMn/IMn paper will be of three units.
2. All DMj and DMn papers will bear in the course code a prefix of the subject; e.g., for English, ENG-DMj-01, ENG-DMn-01, and so on.
3. 1 credit = 1 hour of theory or 2 hours of laboratory/practical/project work per week.
4. Disciplinary Major and Disciplinary Minor are compulsory as the core subject.
5. Interdisciplinary Major and Interdisciplinary Minor are to be opted from the Interdisciplinary Major and Interdisciplinary Minor of different subjects.
6. Subjects offering laboratory/practical component under Fp/Ints/Apts course should clearly specify the course contents (topics); e.g.,
 - a) Experiments (exact number to be mentioned)
 - b) Spotting or identification of samples
 - c) Laboratory record
 - d) Viva voce

Example of Syllabus Structure for B.Sc. Zoology

Semester	Course Name	Code	Credits
I	Physiology	ZOO-DMj-01	3
	Interdisciplinary Major [from DMj of another subject]	IMj-01	3
	Interdisciplinary Major [from DMj of another subject]	IMj-02	3
	Non-chordate Biology	ZOO-DMn-01	2
	Interdisciplinary Minor [from DMn of another subject]	IMn-01	2
	Field Project/Internship/Apprenticeship	FIA-01	4
	Environmental Studies	EVS-01	3
	Total		20
II	Cell Biology	ZOO-DMj-02	3
	Interdisciplinary Major [from DMj of another subject]	IMj-03	3
	Interdisciplinary Major [from DMj of another subject]	IMj-04	3
	Chordate Biology	ZOO-DMn-02	2
	Vocational Studies	VS-01	4
	Field Project/Internship/Apprenticeship	FIA-02	3
	Language Skill and Communication	LSC-01	2
	Total		20
III	Evolution and Ethology	ZOO-DMj-03	3
	Interdisciplinary Major [from DMj of another subject]	IMj-05	3
	Interdisciplinary Major [from DMj of another subject]	IMj-06	3
	Biosystematics and Anatomy	ZOO-DMn-03	2
	Vocational Studies	VS-02	4
	Field Project/Internship/Apprenticeship	FIA-03	3
	Language Skill and Communication	LSC-01	2
	Total		20
IV	Endocrinology and Reproduction Biology	ZOO-DMj-02	3
	Interdisciplinary Major [from DMj of another subject]	IMj-07	3
	Interdisciplinary Major [from DMj of another subject]	IMj-08	3
	Helminthology	ZOO-DMn-04	2
	Interdisciplinary Minor [from DMn of another subject]	IMn-02	2
	Field Project/Internship/Apprenticeship	FIA-04	4
	Value-based Course	VBC-01	3
	Total		20
V	Developmental Biology	ZOO-DMj-05	3
	Hematology and Immunology	ZOO-DMj-06	3
	Protozoology	ZOO-DMn-05	2
	Interdisciplinary Minor [from DMn of another subject]	IMn-03	2
	Vocational Studies	VS-03	4
	Field Project/Internship/Apprenticeship	FIA-04	3
	Global Citizenship Education	GCE-01	3
	Total		20
VI	Molecular Biology and Genetics	ZOO-DMj-07	3
	Biochemistry	ZOO-DMj-08	3
	Entomology	ZOO-DMn-06	2
	Interdisciplinary Minor [from DMn of another subject]	IMn-04	2
	Vocational Studies	VS-03	3
	Field Project/Internship/Apprenticeship	FIA-04	4
	Value-based Course	VBC-02	3
	Total		20
VII	Applied Zoology	ZOO-DMj-09	4

	Ecology and Wildlife	ZOO-DMn-07	2
	Interdisciplinary Minor [from DMn of another subject]	IMn-05	2
	Field Project/Internship/Apprenticeship	FIA-05	4
	Research Project	RP-01	8
	Total		20
VIII	Biotechnology and Bioinformatics	ZOO-DMj-10	4
	Vocational Studies	VS-03	3
	Field Project/Internship/Apprenticeship	FIA-06	3
	Research Project	RP-02	10
	Total		20
Grand Total			160