ACADEMIC RULES AND REGULATIONS

BACHELOR OF FISHERY SCIENCE

(B.F.Sc.)

EFFECTIVE FROM
ACADEMIC SESSION 2016-17

NANAJI DESHMUKH
VETERINARY SCIENCE UNIVERSITY
JABALPUR-482 001 (M.P.) INDIA

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NANAJI DESHMUKH
VETERINARY SCIENCE UNIVERSITY
JABALPUR-482001 (M.P.) INDIA

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FOREWORD

The Nanaji Deshmukh Veterinary Science University, Jabalpur is a prime Veterinary University in the country for offering quality education in the discipline of Fishery Science Veterinary Science and Animal Husbandry. In this context, the university is publishing the academic rules and regulations for students of Bachelor of Fishery Science as per the new course curriculum introduced by Vth Dean's committee recommendations of Indian Council of Agricultural Research, New Delhi (2016) (minimum standards of Fishery education-B.F.Sc. degree course) from the session 2016-17.

The Academic Rule Book contains useful information about requirement for B.F.Sc. degree programme, conduct of examination and evaluation, regulation for prevention of unfair means in the examination, maintenance of discipline and fees structure. The academic rule book will serve as a guideline for students during their B.F.Sc. degree programme. Students can achieve grand success during their studies by adhering to these regulations in a disciplined manner.

I extend my best wishes to students.

(Dr. P.D. Juyal)
Vice-Chancellor
NDVSU, Jabalpur
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NANAJI DESHMUKH VETERINARY SCIENCE UNIVERSITY
JABALPUR (M.P.)
ACADEMIC RULES & REGULATIONS
BACHELOR OF FISHERY SCIENCE (B.F.Sc.)
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CHAPTER – 1
INTRODUCTION

1.1 Details of Constituent Colleges

The Nanaji Deshmukh Veterinary Science University, Jabalpur was established on 3rd November, 2009 under the Madhya Pradesh Veterinary Science University Act, 2009 (No. 16 of 2009) and Madhya Pradesh Veterinary Science University (Amendment) Act, 2012 (No. 32 of 2012). The university has three constituent Veterinary colleges located at Jabalpur, Mhow and Rewa, College of Fishery Science located at Jabalpur, School of Wildlife Forensic and Health and Animal Biotechnology Centre located at Jabalpur. Beside these colleges and centres offering degree courses, the university also has five Animal Husbandry Diploma Colleges located at Jabalpur, Mhow, Rewa, Bhopal and Morena offering two years Animal Husbandry Diploma course.

1.2 Objectives of the University

The university was established with the following objectives:

To impart education in diffenent branches of veterinary, fisheries and allied sciences as the University may determine.

To provide for the advancement of learning and prosecution of research in veterinary and fisheries sciences.

To undertake the extension of such sciences to rural people in co-operation with the government departments concerned.

1.3 Adoptions of Vth Dean's committee recommendations of ICAR [2016] Regulations

The University has adopted the new course curriculum introduced by Vth Dean's committee recommendations of ICAR [2016] (minimum standards of Fishery education degree course B.F.Sc.).

CHAPTER – 2
ACADEMIC REGULATIONS FOR B.F. Sc. DEGREE PROGRAMME

PART I
PRELIMINARY

2.1 Academic Regulations and its commencement:

These regulations shall be called as Academic Regulations for Bachelor of Fishery Science (B.F.Sc.) degree and shall be applicable from the academic year 2016-17.

2.2 Definitions:

In these Regulations, unless the context otherwise requires:

i. "Act" means, as per V Dean's committee recommendations by ICAR [2016]

ii. "Academic year/session" means a period consisting of two semesters. Each academic year shall consist of at least 200 instruction days excluding time spent for External examination.

iii. "Course" means a teaching unit of a subject in B.F.Sc., degree programme to be covered within a semester as prescribed in the syllabus. Each course is allotted credit hour(s) for theory and practical class(s). The course may be "credit course" / "non-credit course". In case of credit course(s) "grade" is awarded in points in scale of 10 whereas, in non-credit course, pass/fail is denoted as satisfactory/unsatisfactory in place of "grade".

iv. "Course catalogue" means a list of approved courses for the degree programme of B.F.Sc., wherein a course is identified with a specified code and number giving course contents and credits assigned to it as per V Dean's committee recommendations by ICAR [2016].

v. "Credit hours" is the weekly unit of work load recognized for any particular course as per the course catalogue. A lecture class of one hour per week shall count as one credit where as a practical class of two hours duration per week shall count as one credit.

vi. "Syllabus and curriculum" means the syllabus and curriculum for the course of study as specified by the V Dean Committee for B.F.Sc. degree programme.

vii. "Faculty" means Faculty of Fishery Science, NDVSU, Jabalpur.

viii. "College" means the constituent College of Fishery Science at Jabalpur, NDVSU, Jabalpur.

ix. "Department" means a Teaching/Research and Extension Unit of a Department in the College / University.

x. "Dean of the Faculty" means the Dean Faculty, NDVSU, Jabalpur

xi. "Dean" mean the Dean of the College of Fishery Science, NDVSU, Jabalpur.

xii. "Registrar" means the Registrar of the NDVSU, Jabalpur.

xiii. "Controller of Examinations" (COE) means the Controller of Examination of the NDVSU, Jabalpur.

xiv. "Coordinator of Examinations" means Coordinator of Examinations appointed by the Dean of the College of Fishery Science, Jabalpur

xv. "Registration" means the registration of the student for various courses in each academic semester / year on the date(s) notified for the said purpose by the University which includes physical presence at the time of registration & payment of prescribed fees.

xvi. "Semester" means a period of 100 instructional days excluding the External examination period.

xvii. "Annual Mark Sheet" (AMC) means the consolidated report of marks secured by the students in the respective academic year and issued by the university at the end of each academic year.

xviii. "Transcript" is the consolidated report of marks secured by the student and issued by the university at the end of B.F.Sc. degree programme.

xix. "University" means the Nanaji Deshmukh Veterinary Science University, Jabalpur.

xx. "Student" means a student of the constituent College of Fishery Science, NDVSU, Jabalpur.

2.3. Words and expressions used herein and not defined but are defined in the Vth Dean's committee recommendations by ICAR [2016] shall have the same meaning as assigned to them in the Vth Dean's committee recommendations by ICAR [2016]

PART II
COURSE OF STUDY

2.4. Degree Course

i. (1) A degree course of Bachelor of Fishery Science shall comprise of a course of study consisting of curriculum and syllabus specified in Vth Dean's committee recommendations by ICAR [2016] spread over **four professional years** including Student READY Program as prescribed in the syllabus.

2.5. Duration of professional year

(1) First professional year of Bachelor of Fishery Science classes shall commence latest by 1st September of every year.

(2) Each Semester shall cover at least one hundred (100) instructional days excluding the External examination period.

(3) Each professional year shall cover at least two hundred (200) days of instruction excluding time spent for external examinations.

2.6. Procedure to be adopted for imparting Student READY Program during VII and VIII semesters and will have the following components:

VII Semester

i. Student READY –In-plant attachment for 12 weeks (0+10 credit hours).

ii. Student READY- Rural Fisheries Work Experience Program for 8 weeks (0+8 credit hours).

iii. Student READY- Study Tour (in and outside State) for 4 weeks (0+2 credit hours).

VIII Semester

i. **Student READY Experiential Module**

This will include capacity building and skill development of the students in planning, development, formulation, monitoring and evaluation of project for entrepreneurial

proficiency with a total credit load of 0+20 credit hours as detailed below:

Skill Development will have 0+5 credit hours and include aquarium fabrication, analysis of soil and water quality parameters, preparation of fish products or in any appropriate applied aspect of fisheries.

For Experiential Learning Program of 0+12 credit hours, a minimum of two out of the following areas should be decided by each university:

- Ornamental fish culture
- Seed production
- Trade and export management
- Aqua-clinic
- Post-Harvest Technology
- Aqua farming.

ii. Project work

Student will select relevant or interested area of specialization such as fish pathology, fish diagnosis, fish pharmacology, fish toxicology, fish nutrition, fish immunology, fish genetics and breeding, ornamental fish production, genomics in aquaculture, fish stock assessment, aquatic pollution, fish value addition, fish in nutrition, fish processing waste management, quality control and quality assurance, fish products and by-products etc. He/she will prepare a research project plan and it will be presented in-front of committee appointed by the Dean of the respective college. Also, for each student, one Advisor will be provided, who will guide the student in completion of proposed research plan. A total of 3 credit hours will be allotted for preparation of the project and its presentation as a seminar. This exercise will prepare students interested in higher education. They will be exposed with identifications of problems in experimental setup and project preparation.

CHAPTER - 3
ADMISSION TO THE BACHELOR OF FISHERY SCIENCE DEGREE PROGRAMME

3.1. Criteria for admission

A candidate shall not be admitted to Bachelor of Fishery Science degree course unless, he or she has completed the minimum age of 17 years on or before the 31st December of that year of his or her admission to the 1st year of Bachelor of Fishery Science course; and minimum admission requirements as laid down by the Academic Council of this university from time to time and State Government reservation rules.

3.2. Selection of students

The selection of students to the B.F.Sc. degree course shall be done on the merit of the candidate(s) as determined on the basis of entrance examination conducted by the Madhya Pradesh Professional Examination Board, Bhopal or as laid down by the Academic Council of this University from time to time. The selection of students for admission under Non Resident Indian (NRI) quota will be on the basis of merit of aggregate marks of Physics, Chemistry and Biology obtained in 12th or equivalent examination abroad.

3.3. Admissions of new entrants/students

1. New entrants must report in person to the Dean of the concerned College to which they have been selected for admission on the date of admission prescribed by the University for the purpose of registration. The new entrants, who fail to report for registration in person on the prescribed date, their admission shall stand cancelled. Registration in the course at the college will be allowed in person. **No registration in absentia shall be permitted.** The payment of full fees at the concerned college on the

day of admission is compulsory. In case of non-payment of full fees on the day of admission, the admission stands cancelled.

2. The new entrants selected for admission to a course of B.F.Sc. Degree of the University shall become enrolled only on completion of all the formalities prescribed by the University from time to time.

3. An identity card shall be issued to each enrolled student which should be carried by them at all time and be shown whenever required. The student should always quote the I.D. Number while making correspondence with College/University. The identity card should be renewed every year. In case of loss, duplicate identity card will be issued from college office on payment of Rs. 100/- only.

3.4 Registrations of continuing students.

I. Students on roll of the University must report in person on the scheduled date of registration to the concerned Dean of the College and pay required fees prescribed for a semester and register the courses. **No registration shall be allowed in absentia.**

ii. Late payment of fees and registration of courses shall be permitted by the Dean of the College up to six working days from the prescribed date of registration. Late registration fees shall be Rs. 100/- for each subsequent days. However, Dean of the Faculty may permit late registration upto four more working days from the prescribed date of registration.

iii. No attendance benefit for the late registration shall be allowed. Late registration shall be at the risk and responsibility of the student(s) to maintain the required attendance as per relevant clause under these regulations.

CHAPTER - 4
BACHELOR OF FISHERY SCIENCE DEGREE COURSE CURRICULUM

4.1. B.F.Sc. Curriculum

(1) The following shall be the B.F.Sc. curriculum, namely:-

(a) (i) Core Courses; and

(ii) Student READY Program;

(b) The curriculum shall provide adequate emphasis on cultivating logical and scientific habits of thought, clarity of expression, independence of judgment, ability to collect information and to correlate them and develop habits of self-education.

(c) Medium of instruction for B.F.Sc. degree course shall be in English.

(d) Practical training at Fish Farm shall be organised in small groups of 5 to 10 students so that each teacher can give personal attention to each student with a view to improve his or her skill and competence in handling of the patients and each practical batch for a course shall be preferably not more than twenty students.

(e) Efforts shall be made to encourage students to participate in group discussions and seminars to enable them to develop personality, character expression and other abilities which are necessary for a fishery graduate to function either in solo practice or as a team member when he or she begins his or her independent professional career and an appropriate time slot for this activity be provided in the student study time table.

4.2. Departments as per Vth Dean's committee recommendations by ICAR [2016]

S. No.	Departments
1	Department of Aquaculture (AQ)
2	Department of Fisheries Resource Management (FRM)
3	Department of Fish Processing Technology (FPT)
4	Department of Aquatic Environment Management (AEM)
5	Department of Aquatic Animal Health Management (AAHM)
6	Fish Engineering (FE)
7	Fisheries Extension, Economics and Statistics (FEES)

4.3. Syllabus.

(1) The details of syllabus comprising of 180 credits are the minimum requirement for a programme leading to Bachelor of Fishery Science and the summary of the distribution of courses shall be as follows:-

Sl. No.	Department	No. of courses	Credit load
1	Aquaculture (AQ)	12	29(17+12)
2	Fisheries Resource Management (FRM)	9	23(14+9)
3	Department of Aquatic Animal Health Management (AAHM)	7	18(11+7)
4	Aquatic Environmental Management (AEM)	8	20(12+8)
5	Fish Processing Technology (FPT)	9	21(13+8)
6	Fisheries Engineering (FE)	6	14(8+6)
7	Fisheries Extension, Economics and Statistics (FEES)	8	15(9+6)
8	Comp. Non-credit courses (Swimming & Phy. Edn)	2	-
	Sub total	61	140(84+56)
	Student READY In-Plant Attachment Programme	1	10(0+10)
	Student READY Rural Fisheries Work Experience Programme	1	8(0+8)
	Study Tour (in and outside State)	1	2(0+2)
	Student READY Experiential Module	1	17(0+17)
	Project Work	1	2(0+2)
	Seminar	1	1(0+1)
	Total	06	40(0+40)
	Grand Total	**67**	**180(84+96)**

(2) The Syllabus prescribed in regulation 4.3 is the minimum instructional syllabus and is illustrative of the course content for teaching different courses at the fishery college in the country for Bachelor of Fishery Science degree programme:

Provided that there is scope for flexibility of addition of topics or courses in the programme as per need or regional or institutional demand from time to time and such changes shall be non-violative and commensurate to the basic structure, curriculum and infrastructure prescribed in these regulations.

The detail syllabus is available in Vth Dean's committee recommendations by ICAR [2016] for Bachelor of Fishery Science degree programme and in the website: www.icar.org.in

4.4 Advisory System

Every student admitted to undergraduate courses shall be assigned to an Advisor by the Dean of the College soon after the student's admission. The Advisor will be chosen from amongst the teachers of the teaching departments. The same Advisor will continue to look after the interests of the students and give personal guidance till the student completes the programme or withdraws from the college, whichever is earlier. The Dean shall appoint any senior teacher as class teacher for under graduate classes for each session.

After admission of a student the Advisor will obtain and keep in touch with the academic record of the student. He/She will meet his advisees collectively at least once a month. Dean office shall not entertain any application unless properly recommended by the Advisor and Class Teacher.

4.5 Migration/transfer of students from the recognized Fishery College/ Institute to another.

(I) A student studying in a recognized Fishery College as per Vth Dean's committee recommendations by ICAR [2016] may be allowed to migrate/transfer to another recognized Fishery College under another University subject to course curriculum; examination system and medium of instruction are common.

(ii) The migration/transfer may be allowed by the university concerned within a period of one month after passing the first year second semester B.F.Sc., External Examination or before start of academic session of second professional year.

(iii) In no case migration/transfer of a student shall be allowed in the middle of an academic session.

(iv) Transfer of students admitted under NRI seat from NDVSU, Jabalpur to a Fishery College of other State shall be permitted only on payment of the remaining fee of the entire degree programme.

4.6 Residential requirements

i. In no case, a student shall be allowed to continue his or her Bachelor of Fishery Science studies beyond **12 semesters** including Student READY Programme.

ii. The semester/academic year washed out on account of withdrawal, dropping by student of his own failure to register in time with justification and prior permission of the Dean of the concerned college, shall not be counted towards residential requirements. However, without prior permission of the Dean of the concerned college, the withdrawl/ dropping by a student will be counted towards residential requirements. The withdrawl/ dropping by a student can only be allowed subject to the condition that he/she has completed a minimum residential requirement of one academic year/two semesters.

iii. Semesters/Academic years washed off due to use of unfair means or indiscipline shall be counted for residential requirements.

iv. A student whose semester/academic year has been washed out for the above reasons mentioned in point no. 4.6 (ii) and (iii), shall be eligible to resume his studies at the start of subsequent semester/academic year subject to the condition that the total period of withdrawal/gap shall not exceed two academic years/four semesters including the academic year/semester in which he/she had withdrawn or washed off.

CHAPTER - 5
COURSES OFFERED

I. Department wise distribution of courses

1. Department of Aquaculture (AQ)

Sl. No	Course title	Credit load
1.	Principles of Aquaculture	2(1+1)
2.	Fresh Water Aquaculture	3(2+1)
3.	Ornamental Fish Production and Management	2(1+1)
4.	Coastal Aquaculture and Mariculture	3(2+1)
5.	Finfish Hatchery Management	3(2+1)
6.	Shellfish Hatchery Management	2(1+1)
7	Aquaculture in Reservoirs	2(1+1)
8	Fish Nutrition and Feed Technology	3(2+1)
9	Fish Food Organisms	2(1+1)
10	Introduction to Biotechnology & Bioinformatics	2(1+1)
11	Genetics and Breeding	2(1+1)
12	Fundamentals of Biochemistry	3(2+1)
	Total	**29(17+12)**

2. Department of Fisheries Resource Management (FRM)

Sl. No.	Course title	Credit load
1.	Taxonomy of Finfish	3(1+2)
2.	Taxonomy of Shellfish	2(1+1)
3.	Anatomy and Biology of Finfish	3(2+1)
4.	Anatomy and Biology of Shellfish	2(1+1)
5.	Physiology of Finfish and Shellfish	3(2+1)
6.	Inland Fisheries	3(2+1)
7.	Marine Fisheries	3(2+1)
8.	Fish Population Dynamics and Stock Assessment	3(2+1)
9.	Aquatic Mammals, Reptiles and Amphibians	1(1+0)
	Total	**23(14+9)**

3. Department of Aquatic Animal Health Management (AAHM)

Sl. No.	Course title	Credit load
1.	Fish and Shellfish Pathology	3(2+1)
2.	Microbial and Parasitic Diseases of Fish and Shellfish	3(2+1)
3.	Pharmacology	3(2+1)
4.	Therapeutics in Aquaculture	2(1+1)
5.	Fish Toxicology	2(1+1)
6.	Fish Immunology	2(1+1)
7.	Fundamentals of Microbiology	3(2+1)
	Total	**18(11+7)**

4. Department of Aquatic Environment Management (AEM)

Sl. No.	Course title	Credit load
1.	Meteorology, Climatology and Geography	2(1+1)
2.	Soil and Water Chemistry	3(2+1)
3.	Limnology	3(2+1)
4.	Fishery Oceanography	2(1+1)
5.	Marine Biology	3(2+1)
6.	Aquatic Ecology, Biodiversity and Disaster Management	3(2+1)
7.	Aquatic Pollution	2(1+1)
8.	Coastal Zone Management	2(1+1)
	Total	20(12+8)

5. Department of Fish Processing Technology (FPT)

Sl. No.	Course title	Credit load
1.	Fish in Nutrition	1(1+0)
2.	Food Chemistry	3(2+1)
3.	Freezing Technology	2(1+1)
4.	Fish Canning Technology	2(1+1)
5.	Fish Packaging Technology	2(1+1)
6.	Fish Products and Value Addition	3(2+1)
7.	Fish By-Products and Waste Utilization	2(1+1)
8.	Microbiology of Fish and Fishery Products	3(2+1)
9.	Quality assurance of Fish and Fishery Products	3(2+1)
	Total	**21(13+8)**

6. Department of Fisheries Engineering (FE)

Sl. No	Course title	Credit load
1.	Aquaculture Engineering	3(2+1)
2.	Refrigeration and Equipment Engineering	3(2+1)
3.	Fishing Craft Technology	2(1+1)
4.	Navigation and Seamanship	2(1+1)
5.	Fishing Gear Technology	2(1+1)
6.	Fishing Technology	2(1+1)
	Total	**14(8+6)**

7. Department of Fisheries Extension, Economics and Statistics (FEES)

Sl. No	Course title	Credit load
1.	Statistical Methods	3(2+1)
2.	Fisheries Economics	3(2+1)
3.	Fisheries Policy and Law	1(1+0)
4.	Fisheries Co-operatives and Marketing	2(1+1)
5.	Fisheries Business Management and Entrepreneurship Development	1(1+0)
6.	Information and Communication Technology	2(1+1)
7.	Fisheries Extension Education	2(1+1)
8.	Communication Skills and personality development	1(0+1)
	Total	**15(9+6)**

Compulsory Non-Credit Courses (at least one class per week)

1. Swimming 1 (0+1)
2. Physical Education, First Aid & Yoga Practice 1 (0+1)

Summary

Sl. No.	Department	No. of courses	Credit load
1	Aquaculture	12	29(17+12)
2	Fisheries Resource Management	9	23(14+9)
3	Department of Aquatic Animal Health Management	7	18(11+7)
4	Aquatic Environmental Management	8	20(12+8)
5	Fish Processing Technology	9	21(13+8)
6	Fisheries Engineering	6	14(8+6)
7	Fisheries Extension, Economics and Statistics	8	15(9+6)
8	Comp. Non-credit courses (Swimming & Phy. Edn)	2	-
	Sub total	61	140(84+56)
	Student READY In-Plant Attachment Programme	1	10(0+10)
	Student READY Rural Fisheries Work Experience Programme	1	8(0+8)
	Study Tour (in and outside State)	1	2(0+2)
	Student READY Experiential Module	1	17(0+17)
	Project Work	1	2(0+2)
	Seminar	1	1(0+1)
	Total	06	40(0+40)
	Grand Total	67	180(84+96)

II. Semester Wise Distribution of Courses

I Semester First year

Sl. No.	Course Title		Credit hour	
1	Principles of Aquaculture	AQ	2 (1+1)	111
2	Taxonomy of Finfish	FRM	3(1+2)	111
3	Taxonomy of Shellfish	FRM	2(1+1)	112
4	Meteorology, Climatology and Geography	AEM	2(1+1)	
5	Statistical Methods	FEES	3(2+1)	
6	Fundamentals of Biochemistry	AQ	3(2+1)	112
7	Fundamentals of Microbiology	AAHM	3(2+1)	
8	Soil and Water Chemistry	AEM	3(2+1)	113
9	Fish in Nutrition	FPT	1(1+0)	
10	Swimming	SWM	1(0+1)CNC*	
	Total		**22(13+9)**	

II Semester

Sl. No.	Course Title	Credit hour
1	Fresh Water Aquaculture AQ	3 (2+1)
2	Anatomy and Biology of Finfish FRM	3(2+1)
3	Limnology AEM	3(2+1)
4	Marine Biology AEM	3(2+1)
5	Inland Fisheries FRM	3(2+1)
6	Food Chemistry FPT	3(2+1)
7	Information and Communication Technology FEES	2(1+1)
8	Aquaculture in Reservoirs AQ	2(1+1)
9 PHE	Physical Education, First Aid & Yoga Practices	1(0+1)CNC*
	Total	22(14+8)

*CNC= Compulsory non-credit course.

III Semester

Second yr

Sl. No.	Course Title	Credit hour
1	Physiology of Finfish and Shellfish FRM	3(2+1)
2	Fish Food Organisms AQ	2(1+1)
3	Aquatic Ecology, Biodiversity and Disaster Management AEM	3(2+1)
4	Fishery Oceanography AEM	2(1+1)
5	Ornamental Fish Production and Management AQ	2(1+1)
6	Freezing Technology FPT	2(1+1)
7	Genetics and Breeding AQ	2(1+1)
8	Fish Immunology AAHM	2(1+1)
9	Fisheries Economics FEES	3(2+1)
10	Aquatic Mammals, Reptiles and Amphibians FRM	1(1+0) FRM
	Total	**22(13+9)**

IV Semester

Second yr

Sl. No.	Course Title	Credit hour
1	Coastal Aquaculture and Mariculture	3(2+1) AQ
2	Therapeutics in Aquaculture	2(1+1) AAHM
3	Fish Nutrition and Feed Technology	3(2+1) AQ
4	Fish Canning Technology	2(1+1) FPT
5	Fish Packaging Technology	2(1+1) FPT
6	Fish and Shellfish Pathology	3(2+1) AAHM
7	Fishing Craft Technology	2(1+1) FE
8	Fisheries Extension Education	2(1+1) FEES

9	Shellfish Hatchery Management	2(1+1) AQ
10	Communication Skills and Personality Development	1(0+1) FEES
	Total	**22(12+10)**

V Semester

Third year

Sl. No.	Course Title	Credit hour
1	Finfish Hatchery Management AQ	3 (2+1)
2	Anatomy and Biology of Shellfish FRM	2 (1+1)
3	Pharmacology AAHM	3 (2+1)
4	Fish Toxicology AAHM	2 (1+1)
5	Marine Fisheries FRM	3(2+1)
6	Fisheries Co-operatives and Marketing FEES	2(1+1)
7	Fishing Gear Technology FE	2(1+1)
8	Fish Population Dynamics and Stock Assessment FRM	3(2+1)
9	Coastal Zone Management AEM	2(1+1)
	Total	**22(13+9)**

VI Semester

Sl. No.	Course Title	Credit hour
1 AQ	Introduction to Biotechnology and Bioinformatics	2(1+1)
2 FE	Refrigeration and Equipment Engineering	3(2+1)
3 FEES	Fisheries Policy and Law	1(1+0)
4 AEM	Aquatic Pollution	2(1+1)
5 FE	Fishing Technology	2(1+1)
6 FPT	Fish Products and Value Addition	3(2+1)
7 FPT	Microbiology of Fish and Fishery Products	3(2+1)
8 FE	Navigation and Seamanship	2(1+1)
9 FPT	Fish By-Products and Waste Utilization	2(1+1)
10 FEES	Fisheries Business Management and Entrepreneurship Development	1(1+0)
	Total	**21(13+8)**

VII Semester

Fourth year

Sl. No.	Course Title	Credit hour
1	Student READY Programme	
	In-plant attachment (for 12 weeks)	10 (0+10)
	Rural Fisheries Work Experience Prog. (for 8 weeks)	8(0+8)
	Study Tour (in and outside State) (for 4 weeks)	2(0+2)
	Total	**20(0+20)**

Veterinary college Jabalpur

VIII Semester

Sl. No.	Course Title	Credit hour
1	Aquaculture Engineering FE	3 (2+1)
2	Microbial and Parasitic Diseases of Fish and Shellfish AAHM	3 (2+1)
3	Quality assurance of Fish and Fishery Products FPT	3(2+1)
4	Student READY Experiential Module (concurrent with the semester) This will include capacity building and skill development of the students in planning, development, formulation, monitoring and evaluation of project for entrepreneurial proficiency.	
	Skill Development (for one week)	5(0+5)
	Experiential Learning Programme	12(0+12)
5	Project Work	2(0+2)
6	Seminar	1(0+1)
	Total	29(6+23)

* Student READY Programme

Student Ready Experiential Module:

a. **Skill Development (for one week) :**

Aquarium fabrication, analysis of soil and water quality parameters, preparation of fish products or in any appropriate applied aspect of fisheries

b. **Experiential Learning Programme:**

A minimum of two areas should be decided by each university. Areas of specialization for Experiential Learning Programme are:

1. Ornamental fish culture
2. Seed production
3. Trade and export management
4. Aquaclinic
5. Post harvest technology
6. Aqua farming.

A total of 12 credits are allotted for Experiential Learning Programme and the evaluation of the same will be conducted by the Committee appointed by the Dean of the respective college.

c. **Project work:**

- Student will select relevant or interested area of specialization such as Fish pathology, Fish Diagnosis, Fish Pharmacology, Fish Toxicology, Fish Nutrition, Fish Immunology, Fish Genetics and Breeding, Ornamental Fish Production, Genomics in Aquaculture, Fish Stock Assessment, Aquatic Pollution, Fish Value Addition, Fish in Nutrition, Fish Processing waste management, Quality control and quality assurance, Fish products and by-products etc.. He/she will prepare a research project plan and it will be presented in-front of committee appointed by the Dean of the respective college. Also, for each student, one advisor will be provided, who will guide the student in completion of proposed research plan.
- A total of 2 credits are allotted for project work and 1 credit for (completed project work presentation) seminar. The evaluation for the same will be conducted by the committee appointed by the Dean of the respective college.

CHAPTER - 6
EXAMINATION AND EVALUATION

6.1 It shall be the responsibility of the teacher(s) or instructor(s) to ensure that the topics to be covered in the theory and practical in each course shall be recorded through a theory or practical lecture schedule and distributed to the students at the beginning of each course and the Head of the Department or Dean shall ensure that the schedule is adhered to and alternate arrangements are made to cover up the loss in case of any eventualities of unavoidable reasons that lead to non-adherence of the above schedule.

6.2 Work distribution chart of each teacher shall be available with Dean's office and in each subject, Professors and senior teachers shall be actively involved in teaching, especially in conducting practical for degree course.

6.3 The examination shall be to assess whether the student has been able to achieve a level of competence and for academic assessment, evaluation of practical aspects of the curriculum shall receive much greater emphasis leading to separate examinations and requiring the student to secure a minimum of 50% marks, in theory as well as in practical, in each such examination.

6.4 The distribution of marks for objective and subjective questions in each subject shall be in the ratio of 40:60 respectively in external examinations provided the format of question paper in internal examinations shall be as per the choice of instructor(s).

6.5 The schedule of examination during Bachelor of Fishery Science course shall consist of internal and external examinations as detailed below, namely:-

- External theory (50%)
- Internal Theory + Practical (50%)

- **Courses with Theory and Practical**
  Mid-term Exam (30%) + Assignment (5%) in practical oriented courses + Practical (15%)
- **Courses with only Theory**
  Mid-term Exam (40%) + Assignment (10%)
- **Courses with only Practical**:
  (100%) Internal

6.6. The paper for external theory examination to be set by an external. HOD shall ensure the coverage of syllabus. If needed, moderation can be done. Syllabus of the concerned course shall be sent to the external examiner, who shall prepare the question papers.

6.7. The evaluation of answer books of internal examinations shall be done by the concerned teacher(s).

6.8. The evaluation of answer books of external examinations shall be done internally by the faculty other than the Course Instructor.

6.9. The practical examinations shall be conducted by course instructor(s) and one teacher nominated by HOD and the teachers while evaluating practical, shall take into account the followings, namely:-

(i) a record or log book maintained by each student as practical records;

(ii) written test or observation and recording of the skill with which each student executes the practical;

(iii) assessment of the comprehensive skill and knowledge of each student through an oral examination (viva-voce).

6.10. In practical examination, the weightage of marks shall invariably be as under:-

i.	Practical record/log book	10%
ii.	Spotting / written test / problem solving / case study, etc.	20%
iii.	Subject related practical	50%
iv.	Viva-voce examination	20%

6.11. The answer-books of internal assessment shall be shown to students and the records of internal assessment as well as that of external examination shall be submitted to Dean of the College.

6.12. The practical manuals shall be prepared by the respective departments for each subject.

6.13. The duration of internal examination shall be at least one hour whereas the duration of external theory examination shall be three hours.

6.14. The external theory examination(s) shall be conducted by inviting the question paper from appointed paper setter(s) and a paper setter shall be provided the courses and syllabus prescribed by the 5th Dean's Committee ICAR including detailed course outline and the paper setter shall be requested to prepare two sets of question subjects, each for main examination and compartment examination (if any).

6.15. The internal (mid-term) examination shall be conducted by the concerned instructor(s) during free period without affecting the teaching schedule provided the external examinations shall be held on such dates, time and places as the university may determine and shall be completed in time so that the results are announced before the onset of the ensuing academic year.

6.16. The schedule of external examinations shall be adhered to strictly and no re-examination shall be allowed in events of students' strike, boycott, walkouts, medical grounds or what-so-ever may be the reason.

6.17. The records of examination may be retained till one year after the conduct of the external examination.

6.18 In case of External Examination, sealed envelopes (received from the paper setter) for a particular paper will be used by the Controller of Examination for getting requisite number of copies made under his/her own supervision by maintaining complete secrecy. The sealed

packets containing these copies will be delivered to Coordinator of Examination of each college. The senior invigilator present in the examination hall will open the question paper (s) after getting the signature of all invigilators in the examination hall just before the start of examination. Similarly, after the examination, the answer books shall be sealed by the senior invigilator after taking their signature on the envelope or the bag.

6.19. Coordinator of Examination in consultation with the Dean of the College will appoint Invigilators and supervisory staff. The Coordinator of Examination and Invigilators shall be responsible to make entire arrangements for the orderly conduct of examination.

6.21. Student(s) possessing I.D. Cards shall only be allowed to appear in examinations by Coordinator of Examination. A candidate who is late beyond 15 minutes shall not be allowed to appear in examination. However, justification for coming late shall be examined by the Coordinator of Examination whose decision shall be final. No candidate will be allowed to leave the examination hall before half time after commencement of examination.

6.22 The coding of the answer sheets shall be done by the Dean of the College or his nominee by mixing the answer sheets at random. These coded copies will be handed over to evaluators for the evaluation of answer sheets. The evaluation work of the copies shall be completed by the external examiner in maximum four days depending upon the number of the answer books to be evaluated. The result (IRS) of the evaluated answer sheets will be submitted by the examiners to the Controller of Examination through Dean College. The Dean will send the compiled result sheet to the Controller of Examination with its one copy to the Registrar of the University for reference and record.

6.23 Conduct of Compartment examination-Declaration of result thereof.

1. A student failing in one or more courses maximum upto three courses in a semester will be allowed to appear in Compartment Examination.
2. The Compartment Examination shall comprise of external theory examination of failed paper (s), with 100% weightage for that paper (s). The marks of Internal Examination shall not be considered for the evaluation of Compartment Examination. The procedure for calling the question paper, conduct of examination and evaluation of answer book shall remain the same as for External Examination.
3. The compartment examination shall be conducted within 20 calendar days after the result of the semester is declared. The result of such compartment examination shall be declared within 5 days after the examination.
4. Students failing in any of the compartment papers(s) will be reverted back to the previous semester from where he/she was allowed provisional promotion. In that event he/she shall be required to repeat all the subjects of that failed semester.

6.24. Scrutiny of answer papers and rectification of errors

(1) There shall be a provision of scrutiny of answer book(s).

(2) A student, however, may be allowed to get his or her theory answer book(s) scrutinised, for which, the student shall have to apply to Controller of Examination or Coordinator of examination within three days after the declaration of result and after paying prescribed fee.

(3) The Controller or Coordinator (Examination) shall arrange the scrutiny of answer book(s) by the Screening Committee to be constituted by the Dean.

(4) The scrutiny shall be for re-totaling of the marks, and evaluation of unmarked question(s), if any.

(5) In case, the total marks are found to be incorrect on scrutiny, the same shall be corrected and the result shall be revised accordingly (even if it is towards lower side) and if, any question is found to be unchecked by the examiner, the answer book(s) shall be sent to the Examiner for doing the needful and the result(s) shall be revised accordingly if there occurs any change in the marks.

(6) No representation by the student(s) shall be entertained regarding the outcome of the result after scrutiny.

(7) In case a student on the basis of the result of scrutiny becomes eligible for the compartmental examination, he or she may apply to the concerned authority to appear in the compartment examination on the announced scheduled date and the scheduled date of the compartment examination shall under no circumstances be changed on this account.

6.25. Moderation of Result

(1) The Controller or Coordinator of Examination in consultation with the Dean of the College shall form Committee of three members consisting of Dean of the College as Chairman and two other teaching faculty members to moderate the results obtained at the external examination. The Committee shall review the results and recommend the moderation in the event of failure of more than 10% of the student actually appearing in that particular subject and any moderation suggested shall be uniformly applied to all students for that paper (s) without altering the merit of the passed candidates.

(2) Any moderation effected should not involve enhancement of more than total of 5 marks in two semesters in a professional year for a particular candidate, and in no case more than 3 marks in one subject and the provisions for moderation of results shall not apply to Compartment Examinations and there shall be no provision for grace marks in any case.

CHAPTER - 7
ATTENDANCE REQUIREMENT

7.1. The required condition of attendance shall not be deemed to have been satisfied in respect of the subject, unless the student has ordinarily attended all the scheduled theory and practical classes, provided, the minimum requirement of attendance shall not be less than 75% of scheduled theory and practical separately with relaxation of twenty working days for NCC or NSS, Co-curricular activities and medical ground and for the course of 0+1 credit, the relaxation shall be of only seven days

7.2. A candidate having attendance below 75% in a subject shall not be eligible to appear in the external examination of that subject.

7.3. The percentage of attendance of a student in a subject shall be computed on the basis of the total number of theory and practical classes scheduled between the date of commencement of instructions and date of closing of instructions irrespective of the date of registration, provided, for the students who are reverted back owing to failure in the compartment examination, the attendance shall be counted from the date of declaration of result of compartment examination and the date of closing of instructions and the attendance for the First year shall be counted from the date of registration.

7.4. The Dean of the College may condone the shortage of attendance up to 5 per cent only on valid grounds, on the recommendation of the committee constituted at the college level by the Dean of the college.

7.5. Deans of colleges shall notify the eligibility of students to appear in the examination seven days in advance of the

commencement of the External Examination and notice to this effect shall be displayed on the notice board of the college and hostels. A student who has completed attendance requirement, and fails to appear in the practical or theory examination or in both, shall be treated as failed.

7.6 Teacher(s) shall maintain a record of the attendance of students in each course taught by him/her for theory and practical separately in the prescribed register. Student(s) shall be apprised of their attendance on monthly basis by the teacher(s) in the class and also through the notice board with a copy of the same to the Dean and concerned class teacher.

7.7. At the end of each semester, the teacher(s) shall notify the consolidated attendance of the course(s) taught by him/her after giving benefit of attendance, if any, to those students who had been officially engaged elsewhere and submit the same to the dean through the head of department.

CHAPTER - 8
DETERMINATION OF PROMOTION AND FAILURE

8.1. Promotion of a student in a semester/professional year shall be decided only on the basis of aggregate marks of internal assessment and external examinations.

8.2. A student shall be promoted to next semester/professional class only if he or she has passed in all the subjects of his or her class by obtaining at least 50% marks in theory (internal and external combined) and practical separately. In case student (s) secure less than 50% marks in theory/practical separately he/she shall be declared 'fail" in that subject (s)

8.3. A student should secure OGPA of 5.00 out of 10.00 at the end of degree programme to be eligible to get Bachelor of Fishery Science degree.

8.4. A student may also be allowed provisional promotion to next semester till the declaration of the result of the compartment examination, provided the provisional promotion shall be subject to clearance in the compartment examination of that or those subject(s) and shall be provisional and if the student fails in the compartment examination, he or she shall stand automatically reverted to the semester from where he or she was allowed provisional promotion.

8.5. Failed student shall register again for the entire same semester and such student shall have to fulfill all requirements of the semester afresh.

8.6. A student failing in the three consecutive years in a professional year of Bachelor of Fishery Science degree programme shall be finally dropped automatically from the University on account of poor academic performance.

8.7. Student who failed to register in a semester/academic year in time or has not fulfilled required attendance to appear in External Examination shall be declared fail and will not be promoted to next semester/professional academic year and this period shall also be counted for residential requirements.

8.8. A student failing in third year shall not be allowed to register for 4th year (final year) unless cleared all the courses of third year and declared pass.

CHAPTER 9

EVALUATION OF STUDENT'S PERFORMANCE, GRADING AND GRADE POINT AVERAGE

9.1. Grade Point in a subject shall be the total marks obtained by a student out of 100 divided by 10

9.2. Credit Pont in a subject shall be Grade Point multiplied by the credit hours.

9.3. Total Credit Points shall be the sum of the credit points secured.

9.4. Grade Point Average shall be the sum of the total credit points earned divided by the sum of credit hours.

9.5. Overall Grade Point Average shall be the sum of the grand total of credit points earned divided by the grand sum of credit hours

9.6. The corresponding ranking of Overall Grade Point Average with respect to traditional scoring system of division ranking shall be as follows, namely:-

8.000 and above - First Division with Distinction
7.000 -7.999 - First Division
6.000 - 6.999 - Second Division
5.000 - 5.999 - Pass

Degree	Percentage of Marks Obtained	Conversion into Points
All	100	10 Points
	90 to <100	9 to <10
	80 to <90	8 to <9
	70 to <80	7 to <8
	60 to <70	6 to <7
	50 to <60	5 to <6
	<50 (Fail)	<5
	Eg. 80.76	8.076
	43.60	4.360
	72.50 (but shortage in attendance)	Fail (1 point)

9.8 Certificate of Honor

Students who secures OGPA 8.00 or 80% and above marks in the undergraduate degree course (B.F.Sc.) shall be eligible for award of Certificate of Honor.

CHAPTER - 10
REGULATIONS FOR PREVENTION OF UNFAIRMEANS IN THE EXAMINATION AND PUNISHMENT THEREOF

10.1 In these Regulations, unless the context otherwise requires:

i. 'Examination' comprises of mid-term examination, practical examination, and final theory examination and also preliminary or viva- voce examination..

ii. 'Controller of Examination' means Controller appointed at the University level who coordinates the examination at the University level.

iii. 'Coordinator of Examination' means Coordinator appointed by Dean of the College who coordinates the examination at the college level.

iv. 'Teacher' means the Professor / Associate Professor / Assistant Professor or post equivalent there to.

v. 'Invigilation' means the teacher involved in the invigilation work in the examination hall.

vi. 'Flying Squad' means a team consisting of teachers / officers constituted by the Dean of the College/Director of Centre/Coordinator of examination to prevent use of unfairmeans /malpractices during the examinations.

10.2 If examinee is found using unfair means or indulging in any indisciplinary activity leading to disturbance or cancellation of any examination shall be punished as per recommendation of college disciplinary committee and his/her promotion and status shall be decided as per Academic Regulations of the University.

10.3 The Coordinator of Examination shall make proper seating arrangements for facilitating the conduct of examination. There shall be at least one invigilator for every 20 students. Minimum of two invigilators should

be posted in each examination hall, in order to make proper vigilance. Seating arrangement may be such that two examinees offering different courses sit one after another, if possible, in order to make the vigilance effective.

10.4 Every examinee shall search his/her pockets, desks and benches and handover to the invigilator any paper, book or notes which he/she may find therein, before answer books are distributed.

10.5 Any examinee possessing papers, books etc which might possibly be of assistance to him/her for copying or allowing other examinee to copy from his/her answer book, write on any other paper during the examination or found with any matter pertaining to the examination or found to have been written on the desks/tables, or any part of the body, clothes, scale, card board etc then his/her answer book shall be seized and this act shall be considered as unfair means.

10.6 If the examinee makes, signature on the answer book or any kind of identification marks on his/her answer books, his/her answer book in question shall be seized and he/she is liable for punishment for unfair means.

10.7 Any examinee carrying/using mobile phone and any electronic communication aids during any of the examination will be treated as an act of using unfair means and shall be liable for punishment for unfair means.

10.8 When an invigilator notices a student involving in any of the act of unfair means he/she shall seize such material including answer book from the student and shall invariably demand a written statement of the student concerned.

10.9 If the examinee refuses to give his/her statement then he/she may be asked to give in writing about refusal to give the statement. If he/she refuses to do so then, the fact shall be noted, duly witnessed by invigilator/s or member of the flying squad. The invigilator shall, however, write his/her remarks on the answer book and

affix his/her signature and then the candidate shall be sent out of the hall and he/she shall not be allowed to proceed further in the examination in that course.

10.10 Examinee (s) who walked out of the examination hall enmasse just after they received the question paper, or within the scheduled time of examination, or abstain from the scheduled date of examination, shall liable to be punished as per decision taken by the college disciplinary committee.

10.11 If the examinee threatens invigilator/ teachers or members of the flying squad then he/ she is liable to be debarred from examination for two semesters i.e. Present and subsequent semester.

10.12 If student is found attempting or using unfair means during the external theory examination, then his registration for the semester in which he/she used unfair means, shall be treated as cancelled and such students shall also be debarred for registration in the subsequent semester. This period will be counted towards total stay in the residential requirements.

10.13 A examinee/student with more than one proven case of unfair means or misconduct of serious nature in the examination hall, then Dean of the college shall drop such examinee from the roll of the University.

10.14 All cases of unfair means during examination shall be placed before the college disciplinary committee constituted by the Dean of the college for close scrutiny. The disciplinary committee must issue a show cause notice to the examinee concerned and give him/her a patient hearing before proceeding against the examinee. on the recommendation of the college disciplinary committee, the Dean of the college shall inflict punishment or take necessary action just after the examination are concluded. The action taken by the college Dean will be communicated to all concerned including parents of the students.

CHAPTER – 11
REGULATIONS FOR MAINTENANCE OF CONDUCT AND DISCIPLINE IN THE INSTITUTION

11.1 Conduct and discipline required to be maintained

i. The student enrolled in the University are required to maintain exemplary character, good conduct and disciplined behavior at all times within and outside the College/ University in all spheres of their activities.

ii. The student shall be dressed properly and decently while they are in the College/ University and shall follow general rules of hygiene.

iii. They shall not smoke, drink, chew pan or use any other intoxicant or pollute the environment in any manner. They shall not spoil, damage or disfigure the buildings and property of the University.

iv. The student shall not quarrel or make noise in class rooms, laboratories, auditorium and hostels and shall in no case indulge in violence.

v. The student shall be friendly, cooperative and have mutual respect for each and other staff.

vi. The students shall accord due respect to officers, teachers and employees of the University and shall carry out all the orders and instructions given by the officers and teachers and shall not deal with them in a disrespectful manner.

vii. The students shall maintain punctuality in all their activities and shall work according to the academic schedule, timings and calendar provided for the activities.

viii. They shall attend all the scheduled theory and practical classes, field work, seminar, meeting and conference punctually.

ix. They shall not take part in political activities and shall not organize themselves in groups or associations that are against the interest and proper functioning of the University.

11.2 Punishment for misconduct and indiscipline

i. The Head of the department/section, wardens, advisor and other teachers shall assist Dean for the maintenance of discipline. They will inform to Dean for all acts of indiscipline and misbehavior which have come to their notice.

ii. Ragging is a serious crime. Students found indulged in ragging directly or indirectly may be expelled from the roll of the College/University. Further, ragging has been recognized as a punishable offence calling for legal action against the offender.

iii. The Dean of the College shall have overall responsibility for maintenance of discipline of the student of the college/centre and around the campus.

iv. All acts of indiscipline or misbehavior shall be put up before the college disciplinary committee constituted by the Dean of the College for detailed fact finding enquiry. The disciplinary committee must issue a show cause notice to the student concerned and give him/her a patient hearing before proceeding against the student. On the recommendations of the disciplinary committee, the Dean of the College shall inflict punishment or take necessary action against the student within 3 days after receipt of the report. The action taken by the Dean of the College will be communicated to the Dean Faculty, Registrar and his/her parents.

v. The punishment to the student may be as under depending upon severity of the act of indiscipline /misbehavior or misconduct etc.

(a) Warning in writing with the instructions that in case of repetition of such act, the matter shall be viewed

seriously and student may be expelled from roll of the University.

(b) Fine of Rs. 2000/- or more as the committee recommends.

(c) Suspension for one full academic year in which the incidence occurred.

(d) Expulsion / rustication from the roll of the University.

vi. A student punished for any act of indiscipline including use of unfair means shall also be debarred from availing the following position of benefits for the entire period of degree programme:-

(a) Representing the College/ University in sport, cultural contests, etc. in or outside the University.

(b) Holding an office in a student organization, club or society.

(c) Receiving any scholarship, fellowship or stipend.

vii. A student can appeal to the Dean of the Faculty against the punishment inflicted.

N.B. Notwithstanding anything contained in these rules, the Academic Council of this University shall have the power to modify, enhance or reduce the punishment given by the Dean of the College/ or any other officer of the University

CHAPTER - 12

REGULATIONS FOR MAINTENANCE OF CONDUCT AND DISCIPLINE FOR HOSTELLERS

12.1 Regulation for hostellers

i. The students who wish to avail hostel accommodation after admission shall have to apply on the prescribed form to the Dean of the College.

ii. The Hostel Warden in consultation with the Dean shall allot accommodation to the student depending upon availability of the same.

iii. New entrants desirous of hostel accommodation as well as continuing students will be required to deposit prescribed hostel fee at the time of registration.

iv. A student shall have to live in the room allotted to him/her only and shall not change the room without prior permission of the warden.

v. The hostellers will be responsible for maintaining the furniture, fittings etc. provided in their rooms.

vi. The hostellers will keep the room neat and clean and will help in maintaining proper cleanliness in and around the hostel.

vii. No alcoholic drink or any intoxicants or combustible material shall be permitted in the hostel.

viii. Meeting or gathering of students for political purposes or any breaking of peace and academic atmosphere is strictly prohibited.

ix. Abusement, loud singing, use of radios, television or musical instruments, which are likely to disturb fellow residents are prohibited.

x. Students shall refrain from making any misbehavior against the hostel servants. Complaints against hostel servants, if any, should be made to the Warden.

xi. All students should use the facility of hostel mess unless exempted by the warden on bonafide grounds.

xii. Cooking of meal in the room is prohibited.

12.2 **Furniture & Equipment**: Every hosteller is provided ordinarily with chair, a table, cot and ceiling fan etc. He will be responsible for the furniture provided in the room. Furniture should not be removed from one room to another in any case. Every hosteller is required to ensure that no damage is done to the hostel property entrusted to him. Repairing charges for any damage to the property inflicted intentionally or through negligence are to be borne by the hosteller concerned.

12.3 **Electricity:** Light must be switched off when not in use. The use of electric heaters, electric immersion rods and other similar electric appliances is prohibited.

12.4 **Absence from hostel:** Absence from the hostel for one or more nights must be got approved by the warden in advance, failing which students will be penalized @ Rs.200/- per day.

12.5 **Guests:** Guests are not permitted to stay in hostel. Close relatives of the students coming from a distant place may be accommodated in the college guest house.

12.6 Night Roll Call:

I. The night roll call will be taken by the block prefect at 9:00 p.m. in winter and 10:00 p.m. in summer. Every hosteller must be present in his room to facilitate the roll call.

ii. A student found absent at the time of roll-call is liable to a fine of Rs. 100/- per absence.

iii. After roll-call no hosteller is permitted to leave the hostel. However, hostel warden may grant permission to leave hostel for a specified period beyond 10:00 p.m. only in case of emergency.

12.7 Presence of day scholar in the hostel: Day scholar students shall not be permitted to stay in the hostel between 09:00 p.m. to 08:00 a.m. If any day scholar student shall be found staying in the hostel, shall be considered as conduct of indiscipline in hostel & shall be punished accordingly. The student in whose room day scholar shall be staying, shall also be punished.

12.8 Vacation of hostel: A hosteller who has completed all the requirements of a degree programme has to vacate the hostel accommodation within one week. Before leaving the hostel he/she has to obtain a "No Dues Certificate" from the hostel warden. Loss if any will be recovered from the defaulter before issuing "No Dues Certificate".

12.9 Conduct and Discipline in the Hostel:

i. Students are expected to maintain perfect discipline and congenial atmosphere of studies in the hostel.

ii. Dealing in general and specially with fellow students should be very courteous and polite. Any dispute should be reported to the warden for final settlement.

iii. Alcoholic drinking or any intoxicant, gambling, staying of the day scholar in the hostel, misbehavior of student with warden/ teacher, taking or cooking of food in the room, causing disturbance in the hostel and quarrel between two students or two groups of students will be considered as act of indiscipline and shall be liable to be punished directly by the warden as under:

a. Verbal or Written warnings

b. Fine Rs. 2,000/- or more

In case the above acts are repeated by the hosteller or student, the names of such students shall be sent to Dean of the College. All acts of indiscipline shall be put up before the College disciplinary Committee constituted by Dean of the college. The disciplinary committee may

recommend punishment any of the following or together:

a. Fine upto Rs.5,000/- or more

b. Expulsion from the hostel

c. Transfer to another campus of the Vishwa Vidyalaya away from the home town

d. Suspension for one full academic year in which the incidence has occurred.

e. Expulsion /rustication from the roll of the University.

f. The student shall also be debarred from availing facilities as per clause 11.2 vi.

g. The Dean of the college shall be the final authority to award the punishment.

CHAPTER - 13
HOSTEL ADMINISTRATION

13.1 Hostel Warden

i. Every hostel shall have a warden(s) who will be responsible for the administration of the hostel and for the enforcement of the hostel rules. The warden(s) will be appointed by the Dean of the college from amongst the teacher/scientist preferably residing at the campus for a period of three years only.

ii. Warden(s) will assist the Dean of the college for the allotments of hostel rooms, maintenance of hostel buildings and also maintenances of discipline within the hostel.

iii. Warden(s) will attend the hostel office daily for one hour at a specified time, information for which will be displayed on the notice board of the hostel.

iv. Warden(s) will supervise the working of the staff posted in the hostel.

v. Warden(s) shall report to the medical officer of College/University all cases of students illness or accidents and ensure that the students concerned receive proper medical care. He will also inform the Dean of the College of all such cases.

vi. Warden(s) will appoint the prefect for every block and supervise their work. He shall have the powers to replace any block prefect as and when required.

vii. Warden(s) will supervise the organization and conduct of hostel functions/festivals etc.

viii. Warden(s) shall have the authority to enter the room of any hostellers and also make a search of the room as and when necessary. They will also have the authority, when the need arises to break/open the lock of any room and also to shift the belongings of a hosteller to any other

place. The warden may also shift the hosteller from one room to another as and when found necessary.

13.2 Duties of Block Prefect

i. Prefect shall take the roll call of his block and shall report to hostel warden about all the absentees as soon as possible.

ii. He must stimulate and maintain academic atmosphere in block.

iii. He shall report all cases of misbehavior or breach of discipline to hostel warden without any delay.

iv. He should be available and approachable to all the hostellers of his block.

13.3 Management of Common Room and other facilities:

Every hostel is provided with a common room facility for the recreation of the hostellers. The recreation room will be equipped with important items such as furniture, T.V. sets, indoor game items, news paper, magazine etc. The items provided in the recreation hall will be jointly shared by all the hostellers and items shall not moved to any other place. The purchase/ maintenance will be undertaken as and when required by the warden(s) with consultation of the Dean. The expenditure for the same and other items related to students amenities will be met from hostel fund/student fund available with the College. The timings for the use of recreation room will be up to 10.00 p.m.

13.4 Mess arrangements

I. Every hostel will be provided with a mess facility equipped with essential catering utensils for running hostel mess efficiently. Warden(s) will be solely responsible for maintaining the record and overall maintenance of the mess. Items required for mess will be purchased by the Hostel Purchase Committee in consultation with Dean. Only hostellers shall be

permitted to avail the mess facility. Every hosteller will have to join the mess compulsorily. No day scholar will be allowed to take the meals in the mess.

ii. There will be a mess committee under the chairmanship of the warden. The committee will consist of warden, block prefect and two senior year students as members. The committee would be responsible to run the mess either on private contract basis or on the co-operative basis by the hostellers. The committee will ensure the availability of quality food in the mess.

iii. Each hosteller shall deposit requisite mess charges as decided by the committee positively by 5th of every month in advance. The hostellers failing to deposit the mess charges within the stipulated period will be fined Rs.100/- per day.

CHAPTER – 14
COLLEGE OF FISHERY SCIENCE MEDALS AND SCHOLARSHIPS

14.1 University Gold Medals:

Bachelor of Fishery Science Gold Medal

14.2 Regulations for award of Gold Medals and cash prizes:

(i) Bachelor of Fishery Science Gold Medal shall be awarded to the student who has scored highest marks in the list of successful candidates in B.F.Sc. degree programme conducted by the University.

(ii) In case of the tie having equal OGPA / marks then candidate who shall be younger in age shall be entitled to get the University Gold Medal / cash prizes.

(iii) In case of the tie in age also, gold medals / cash prizes shall be awarded on the basis of aggregate marks at the HSSC level.

(iv) A committee under the Chairmanship of Dean Faculty having Director of Instructions, Dean Student Welfare as members and Registrar as the Secretary, shall finalize cases of eligible candidates for the award of gold medals /cash prizes and be placed before the Vice Chancellor for his approval.

(V) The Vice Chancellor's decision in all cases shall be final.

(vi) As far as possible medals / prizes shall be delivered in the convocation. If

the convocation is not held, the medals and prizes shall be delivered through the Dean of the College concerned at the time of College Day Programme or in other function of the College.

(vii) A student who fails in any paper / practical or repeat any paper /practical of a subject shall not be eligible for the award of University / donor's gold medals/ cash prizes.

(viii) University gold medals shall be of 20 gram weight having 1/3 gold and 2/3 alloy. However, the weight of donor's gold medals shall depend upon earnest money of interest accrued from the fixed deposit of the donor.

14.3 Scholarships:

S.No.	Name Of Scholarship	Source
1	Undergraduate Merit Scholarship	NDVSU, Jabalpur
2	Schedule Caste / Schedule Tribe Scholarship	M.P. State
3	OBC Scholarship	M.P. State
4	Vikramaditya Scholarship	M.P. State

Note: The eligibility, amount for the above mentioned and any other scholarships will be as per Government and University notifications.

14.4 General Regulations for Scholarship:

(i) For each academic year all scholarship shall be awarded in the beginning of session

(ii) While calculating the number of scholarships the actual number of student studying in a given class shall be taken into account. Fraction of 0.5 and above will be treated as one and below 0.5 will be dropped

(iii) The merit scholarship shall be provided for the period of one session. The scholarship shall be awarded to student(s) who secures highest marks/OGPA in the class in one session.

(iv) The recipient of merit scholarship, freeship shall not hold any other scholarship at the same time except loans and loan scholarship.

(v) Income of the parents and guardian must be certified by an officer not below the rank of Deputy Collector, not related to the candidate. Income for this purpose shall be calculated as per formula in vogue in Government of Madhya Pradesh.

(vi) All candidates receiving financial assistance of any kind shall be required to produce a certificate of good conduct specially mentioning that he did not take part in strikes, agitation and subversive activities from the class teacher. Financial assistance shall be suspended for the residual period, if a student fails to maintain good conduct or behavior or has been punished in accordance with the rules of conduct and discipline.

(vii) Any scholarship falling vacant or newly created due to increased number of students during an academic session shall be awarded to the next eligible and deserving candidate for the remaining part of the year.

(viii) If a holder of scholarship is transferred to any other constituent college of this University, the scholarship shall be transferred with him for residual part of the year.

(ix) Full scholarship shall be paid for at least 80% attendance in all the courses running in the semester. If, a student fails to attend the 80% of the classes in all or any of the courses, his scholarship shall be proportionately deducted, i.e. if there are five courses running, he must have 80% attendance in each one of them. If, he fails to attend 80% in one course say by 10% his scholarship will be deducted by 10%

(x) No student shall be permitted for financial assistance in the same class more than once.

(xi) Scholarship for a given semester shall not be paid to a student, unless he continues as an enrolled student of the University in the subsequent academic year.

(XII) If, the father of a student has expired, then only the certificate of guardian shall be considered for any of the financial assistance provided by the University.

CHAPTER – 15
B.F.Sc. FEES STRUCTURE

S. No.	Details	1st Year*		2nd Year		3rd Year		4th Year	
		Semester I	Semester II	Semester I	Semester II	Semester I	Semester II	Semester I	Semester II
1	Enrollment Fee	500.00	-	-	-	-	-	-	-
2	Degree Fee	1000.00	-	-	-	-	-	-	-
3	Caution Money :-			-	-	-	-	-	-
	(i) College	1000.00	-	-	-	-	-	-	-
	(ii) Library	1000.00	-	-	-	-	-	-	-
4	Identity Card	100.00	-	-	-	-	-	-	-
5	Insurance	228.00	-	-	-	-	-	-	-
6	University Rule Book	50.00	-	-	-	-	-	-	-
7	NDVSU News Letter	100.00	-	100.00	-	100.00	-	100.00	-
8	College magazine	100.00	-	100.00	-	100.00	-	100.00	-
9	Student Aid Fund	100.00	-	100.00	-	100.00	-	100.00	-
10	Tuition fees :-								
	(i) Free seat	31000.00	-	15500.00	15500.00	15500.00	15500.00	15500.00	15500.00
	(ii) NRI seat	6000 US DOLLAR	-	3000 US DOLLAR	3000 US DOLLAR	3000 US DOLLAR	3000 US DOLLAR	3000 US DOLLAR	3000 US DOLLAR
11	Examination fees	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
12	Library fees	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
13	Games and Sports Fee	500.00	500.00	500.00	500.00	500.00	500.00	-	500.00
14	Laboratory Fees	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
15	Medical Fees	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00
16	Athletics and Culture Fee	200.00	200.00	200.00	200.00	200.00	200.00	-	200.00
17	College Amalgamation	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
18	Service Charges	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
19	Other Charges (Admission Form)	**250.00**	-	-	-	-	-	-	-
	GRAND TOTAL								
	(i) Free seat	**39938.00**	**4510.00**	**20310.00**	**20010.00**	**20310.00**	**20010.00**	**19610.00**	**20010.00**
	(ii) NRI seat	6000 US DOLLAR + **8938** (In Indian Rs.)	3000 US DOLLAR+ **4510** (In Indian Rs.)	3000 US DOLLAR + **4810** (In Indian Rs.)	3000 US DOLLAR + **4510** (In Indian Rs.)	3000 US DOLLAR + **4810** (In Indian Rs.)	3000 US DOLLAR + **4510** (In Indian Rs.)	3000 US DOLLAR + **4110** (In Indian Rs.)	3000 US DOLLAR + **4510** (In Indian Rs.)

***The candidates have to deposit full fees at the time of admission**

Hostel fees (only for hosteler)

S. No.	Details	1st Year		2nd Year		3rd Year		4th Year	
		Semester I	Semester II	Semester I	Semester II	Semester I	Semester II	Semester I	Semester II
1	Caution Money :-								
	(i) Hostel	1000	-	-	-	-	-	-	-
	(ii) Mess	1000	-	-	-	-	-	-	-
2	Hostel Amalgamation	500	500	500	500	500	500	500	500
3	*Electricity charges (Advance)	1000	-						
4	Hostel fees (Room rent)	1200	1200	1200	1200	1200	1200	1200	1200
5	Service Charges	10	10	-	-	-	-	-	-
	GRAND TOTAL (Free Seat)	**4710**	**1710**	**1700**	**1700**	**1700**	**1700**	**1700**	**1700**

*Electric charges will be payable extra as per consumption. Mess Charges will also be extra.

REFUND/ADJUSTMENT OF FEES

15.1 The fees once paid will be non- refundable except the caution money which shall be refunded on leaving the College or the Hostel, depending on the type of caution money, after deduction of outstanding dues, if any. However, excess fees, if any, deposited by the students will be adjusted against the fee of the subsequent academic year.

15.2 In case of transfer of a student from one College to another within the University, the fees already deposited by the student will be fully adjusted against the fee chargeable from the student during subsequent academic years.

15.3 Students seeking transfer from this University to any other University shall not be entitled to get refund of fees except caution money.

Note: In case of any rules and regulations not mentioned in this booklet, then the rules and regulations will be as per Vth Dean's committee recommendations of ICAR [2016] (minimum standards of Fishery education degree course B.F.Sc). The University can modify/ amend any rules through the Academic Council.

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