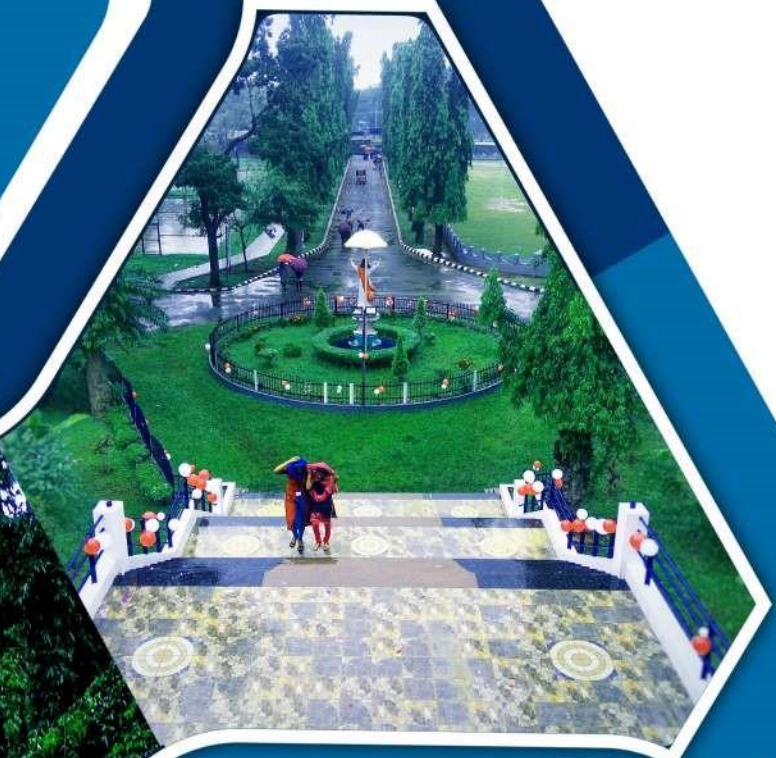


# FATIMA MATA NATIONAL COLLEGE

AUTONOMOUS

(Reaccredited with 'A' Grade by NAAC)  
Affiliated to University of Kerala



## 2.3.4 Work Diary

**IQAC** INTERNAL QUALITY  
ASSURANCE CELL

Name

: NISHA THOMAS PANIKKAVEE  
-TIL

Designation

: ASSISTANT PROFESSOR

Department

: ZOOLOGY

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Aadhar No

: .....

Pan No

: .....

Blood Group

: O +ve.

## TIME TABLE - ODD SEMESTER

DAY	10.00 a.m. 11.00 a.m.	11.00 a.m. 12.00 noon	12.00 noon 01.00 p.m.	01.00 p.m. 01.45 p.m.	01.45 p.m. 02.45 p.m.	02.45 p.m. 03.45 p.m.
<b>MONDAY</b>		II PG		LUNCH BREAK		
<b>TUESDAY</b>	I PG					I PG Pr.
<b>WEDNESDAY</b>	10.00 a.m. 10.45 a.m. III DC	10.45 a.m. 11.30 a.m.	11.30 a.m. 12.15 p.m.	12.15 p.m. 01.00 p.m. II PG		I PG
<b>THURSDAY</b>		VALUE EDUCATION		I PG	III DC Pr.	II DC
<b>FRIDAY</b>	III DC COG				I PG Practical	

I PG - I Sem → Biochemistry  
 II Sem → Cell & Molecular Biology  
 Work Plan and Review - 2018-2019

Topics to be taught in the semester as per Syllabus					Topics completed		Initials	
Class & Sem	Core/ Compl/ Lang.	Module	Month	Topics	Month		Teacher	HoD
I PG	Biochemis-try	I, IV, V, X	July to Jan	Introduction to bio molecules, pH Henderson-Hasselbalch Eqn. DNA-Str. types, binding proteins, Energetics - Chemi-osmotic theory.	July to Dec	Water-cts properties pH-Henderson Hasselbalch DNA-types, st- Bond Proteins Energetic of Respiratory Cycles		
"	Cell & Molecular Biology		Feb to Jan	Chromatin str. Euk. genome - intragenic, inter-genic. Supercoiling of DNA-linking		DNA Supercoiling - linking no., writting no.		
Remarks of HoD			Remarks of Dean		Remarks of Principal			
Joh Shubrotho 17/4/19			Shubrotho 17/4/19					

III PG - III Sem → Microbiology & Biotechnology  
 IV Sem → Ichthyology  
 Work Plan and Review - 2018-2019

Topics to be taught in the semester as per Syllabus					Topics completed		Initials	
Class & Sem	Core/ Compl/ Lang.	Module	Month	Topics	Month		Teacher	HoD
III Sem	Micro-biology Bacte	I, II, III, IV	June to Jan	History of Micro-biology & classifi-cation Bacterial cell str. & Bacterial Growth Fermentation Micro-biology Evol. al Microbiol	June to Jan	Bacterial Cell str. and function. Bacterial Growth History of Micro-bology, Classifica-tion in detail Fermentation Evol. al Microbiol		
IV Sem	Ichthyo-logy	III, V, VI, X	Feb to	Gross anatomy of fish. Excretory system & Osmoregulation Body form & function. Fish Genetics.	Feb to March	Sexual dimorphism of fishes. Hybridization Transgenesis		
Remarks of HoD			Remarks of Dean		Remarks of Principal			
Joh Shubrotho 17/4/19			Shubrotho 17/4/19					


Sem V - III DC Core & Open Course → Human Health & Sex Education.  
 Genetics & Biotechnology  
**Work Plan and Review - 2018-2019**

Topics to be taught in the semester as per Syllabus					Topics completed		Initials		
Class & Sem	Core/ Compl/ Lang.	Module	Month	Topics	Month		Teacher	HoD	
III DC Sem V Core (Genetics & Biotechnology - Logg)		I V VI	June	Mendel's his expts., Genetic terminology & Complementary gene action, co-dominance, recessive dominant & recessive epistasis	June & July	Portions completed	Disha		
			July	polygenic inheritance					
			Aug	ABO - Blood group system					
			Sept	Cytoplasmic inheritance & karyotyping, pedigree analysis, Autosomal recessive disorders					
Oct	inborn errors of metabolism	Oct							
III DC Open Course	Human Health & Sex Education	III DC up to Part B Control Method	June to Oct	Human Reproductive System Events of human Reproduction	June to Oct	Portions Completed			
Remarks of HoD				Remarks of Dean		Remarks of Principal			
For <u>Disha</u> 14/11/19				For <u>Disha</u> 14/11/19					


Sem VI - III DC Core & Open Course → Ornamental Fish Culture  
 Elective  
**Work Plan and Review - 2018-2019**

Topics to be taught in the semester as per Syllabus					Topics completed		Initials		
Class & Sem	Core/ Compl/ Lang.	Module	Month	Topics	Month		Teacher	HoD	
Sem VI III DC Core Physiology & Biological Chemistry		V R VI	Oct to March	Muscle Physiology & Nerve Physiology	Oct, Nov, Dec, Jan, Feb, March	Brief acc. of types of muscles, fast & slow, red & white, ultra-struct. of striated muscle fibre, muscle proteins, muscle twitch, summation, tetanus, fatigue, physiological biochemical events, Neuron, its type, synapse types, impulse propagation, Reflex Action, Refractory period, EEG, Nerve disorder	Disha		
			Oct to March	Common Ornamental Fishes Breeding & rearing of common ornamental fishes	Oct, Nov, Dec, Jan, Feb, March	Identification & biology of 11 indigenous & exotic fish species, Breeding & rearing, hybridization of ornamental fishes			
Remarks of HoD				Remarks of Dean		Remarks of Principal			
For <u>Disha</u> 14/11/19				For <u>Disha</u> 14/11/19					

### Details of Assignments Activities other than Teaching - 2018-2019

Assignment/ Activity	Position	Details of activities to be undertaken in the year (Annual Action Plan)		Activities done		Signature of the Teacher
		Month	Activities	Month	Activities	
Community Health	Convener	June	"Blood Donation Month"	29/6/18	Blood Donation Camp with Bishop Benzege Hospital.	
		July	"World Population Day"	11/7/18	Talk on	
		August	Break Feeding week.	2/8/18	Poster-cum-awareness programme by BBCON	
		September	POSTAN YOGANA - a Central Govt. Initiative	5/9/18	Radio programme by students with a tutor from BBCON	
		March	Vector Borne Disease - Survey & Orientation class	13/3/18 13/3/18 13/3/18	Orientation class & Survey on Vector Borne Diseases Mosquitoes Theory-cum-practical training on FIRST AID by BBCON	

### Details of Assignments Activities other than Teaching - 2018-2019

Assignment/ Activity	Position	Details of activities to be undertaken in the year (Annual Action Plan)		Activities done		Signature of the Teacher
		Month	Activities	Month	Activities	
PTA. (2018)	Member	Feb.	Bishop Jerome South Indian Paper Presentation Competition	Feb.	Convener of the Bishop Jerome South India Paper Presentation Competition	


Date 22/3/19 Day Friday

Work Hours	Class	Topic / Activity
09.30 am 10.00 am		
10.00 am 11.00 am		
11.00 am 12.00 noon	II PG	Hybridization of fishes.
12.00 noon 01.00 pm		

**01.00 pm - 01.45 pm Lunch Break**

01.45 pm 02.45 pm	I PG	Estimation of muscle
02.45 pm 03.45 pm	Bac.	glycogen.
03.45 pm 04.30 pm		

Additional Work : Extra Class/Extra Academic etc.

  
Signature of Teacher

  
Signature of HoD

Date 25/3/19 Day Monday

Work Hours	Class	Topic / Activity
09.30 am 10.00 am		
10.00 am 11.00 am	II PG	
11.00 am 12.00 noon	II PG	Chromosomal
12.00 noon 01.00 pm	II PG	manipulation

**01.00 pm - 01.45 pm Lunch Break**

01.45 pm 02.45 pm	II PG	in fishes.
02.45 pm 03.45 pm		
03.45 pm 04.30 pm		

Additional Work : Extra Class/Extra Academic etc.

  
Signature of Teacher

  
Signature of HoD