



# NEWSLETTER

**DEPARTMENT OF ZOOLOGY, VIMALA COLLEGE (AUTONOMOUS) THRISSUR**

**2018 - 2019**



The Department of Zoology started in 1967 has UG and PG courses in Zoology. Department handles core & complementary courses. A certificate course in “Hand Embroidery & Needle work” and “Fabric painting and Saree designing” in collaboration with Industrial manufacturers organization and welfare society (IMOWS) training centre, Thrissur is also being conducted by the department. Department signed a MoU with IMOWS training centre, Thrissur on 10/8/2018. Department also has a tie up with State Zoo and museum, Thrissur in collaborating with extension activities and has functional MoU. Department has initiated a startup programme, fish culture in the campus in June 2018.



**ACADEMIC EXCELLENCE & ACHIEVEMENTS**

- Anisha S.Menon– University of Calicut 1<sup>st</sup> Rank in B.Sc Zoology (CGPA 5.75 out of 6, A+)
- Pass percentage UG- 94.6%
- Pass percentage PG – 100%

**LAURELS**

**Faculty achievements**

Dr.Indu M.S awarded Ph.D from Mahatma Gandhi University on 8<sup>th</sup> May 2019

Dr. Feebarani John received the award for the coordinator of the best anti-narcotic cell of the state in 2018.



Dr.Kezia Kuruvilla, Higher Education Leadership Award -2018, Awarded by Venus International Foundation, Chennai.

Dr.Indu M.S, Fr Gabriel Golden Jubilee Memorial Award for the best research Publications from Amala Cancer Research Centre, Thrissur during the year 2018, instituted by Amala Cancer Research Centre, Thrissur.

**Faculty as Jury/Expert**

Smt.Indu M.S functioned as subject expert and Jury member for PG research paper presentation competition held at St.Aloysisus College, Elthuruth, Thrissur on 13/7/2018

Dr.Honey Sebastian as jury member and Judge for intercollegiate elocution competition organised by the Dept of Chemistry, Vimala College on 15/02/19

**Faculty Re designated as research guides at University of Calicut**

Dr.Honey Sebastian and Dr.Sheeba P

### **Faculty as member of Board of studies /committees**

Dr.Honey Sebastian, member of BOS in UG and PG, Dept of Zoology, Christ College Irinjalakuda (Autonomous), Irinjalakuda.

Dr.Honey Sebastian, member of BOS in B.Sc. Aquaculture, University of Calicut

Dr.Petrisia Joseph, advisory committee member of WINSTRA

Dr.Honey Sebastian, Dr.Petrisia Joseph, Dr.Feebarani John, Dr.Sheeba P- member of Zoological Society of Kerala

Dr.Honey Sebastian, Dr.Petrisia Joseph, Dr.Feebarani John, Dr.Sheeba P- members of Board of studies UG and PG, Vimala College (Autonomous)

### **Student Achievements**

Anagha K.U and Megha Sankar, III DC students won 1<sup>st</sup> prize in the Intercollegiate State level quiz competition organised by the Dept of Nephrology,

Amala Institute of Medical Sciences, Thrissur on 24/11/2018

12 students from 3<sup>rd</sup> semester PG, 7 students from Ist semester PG completed and received certificate in the **NPTEL online course** offered by **IIT, Kanpur** in the topic 'Wildlife Conservation' and 'Ecology' respectively in Jan 2019

5 Students from 6<sup>th</sup> semester UG completed the online course **NPTEL course by IIT, Kanpur** in Jananuary 2019, Topic 'Wildlife Conservation' and 'Biomedical Nanotechnology'

Ms.Anu Roy, III DC student, completed IELTS and secured the score of 7.5 in jan 2019

Ms.Asha Varghese III DC student, completed IELTS and secured the score of 6.5 in Jan 2019

Lakshmi P.U III Dc student secured the title of 'Malayalee Manka' in the competition organised by Malayalam dept

### **Sports achievements: Malavika B. III DC Student won**

Intercollegiate Calicut university swimming championship-individual champion (5 gold, 6 silver and 3 bronze)

## **RESEARCH**

### **1. Paper presentation of faculty**

- 4 faculty members, Dr.Honey Sebastian, Dr.Sheeba P, Sr.Freny Jacob and Smt.Indu M.S presented paper in International seminar on 'Horizon of Hope-can susrvive' organised Dept of Functional English, English and Zoology, by L F College, Guruvayoor on 27/6/2018
- 5 faculty members, Dr.Honey Sebastian, Dr.Petrisia Joseph, Dr.Feebarani John, Dr.Sheeba P and Sr.Freny Jacob, presented papers in International seminar on 'Trends and innovations in Science,

Arts and commerce' organised by Marian center for advanced research in association

with IQAC, St.Marys College, Thrissur on 29/01/2019

- 8 faculty members, Dr.Honey Sebastian, Dr.Petrisia Joseph, Dr.Feebarani John, Dr.Sheeba P and Sr.Freny Jacob, Ms.Indu M.S, Dr.Dixi B and Smt.Sandhya presented paper in international seminar on "Health science research-opportunities and challenges' on 30/01/2019.

### **2. Publication of faculty**

Freny Jacob, 2018 June. Anti Helminthic and Molluscicidal activity of *Momordica dioica* against *Pheretima posthumous* and *Indoplanorbis*

*exustus*. International Journal of current Microbiology and applied sciences. 7(7):1-6.

### 3. Chapter in e-book

2 faculty members, Sr.Freny Jacob, Ms.Indu M.S got chapter in e-book published by LF College Guruvayoor in connection with the International seminar on 'Horizon of Hope-can survive'

### 4. Paper presentation of students

- Henna Ali, 3<sup>rd</sup> sem PG student presented paper in International seminar on 'Horizon of Hope-can survive' organised Dept of Functional English, English and Zoology, by L F College, Guruvayoor on 27/6/2018
- Sherin, 4<sup>th</sup> sem PG student presented paper in International seminar on 'Trends and innovations in Science, Arts and commerce' organised by marian center for advanced research in association with IQAC, St.Marys college, Thrissur on 29/01/2019.
- Lini,K.Jose, Alisha K.S, Padmaprabha R pass out M.Sc students presented paper in IQAC organised research paper presentation competition at Vimala college

### 5. Publication of students

**Ambili Gopi Nair and Shilpa C.A**, Final year PG students published their PG project in **international journal**.

**Shilpa C.A**, Biju Bahuleyan, Shilpa A.V, An analysis of the effect of paradoxical sleep deprivation on visuospatial component of working memoery in winstar rats. J. Of pharmaceutical and biol.Sciences, 5(6): 290-293.

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**Ambili Gopi Nair**, Shilpa A.V, Biju Bahuleyan, K.Rajankutty, April-June, 2018. Effect of green tea catechism on spatial learning abilities of wistar rats. J. of pharmaceutical and biol.Sciences, 6(2): 47-50

### STUDENT PLACEMENTS (2018 PASS OUT UG AND PG BATCH)

#### UG

- Sajitha T.S, Probationary clerk,, South Indian bank, Thrissur (**campus placement**)
- Agnes J Kulangara, Probationary clerk,, South Indian bank, Thrissur (**campus placement**)
- Nivya K. Chandy, Clerk, Puzhakkal block motor vehicle owners multipurpose co operative society bank
- Apsara E.R, Junior lab assistant , Medical College hospital, Mulankunnathukavu, Thrissur
- Athira K.V, Office staff , Max value bank, Thrissur

#### PG

- Anjumol Joseph, TEACHER, Govt. School, Kozhikode
- Liny K Jose, TEACHER St.Paul's English medium Higher secondary school, Kuraichira, Thrissur

### Beyond books: STUDENT ORGANISED INITIATIVES

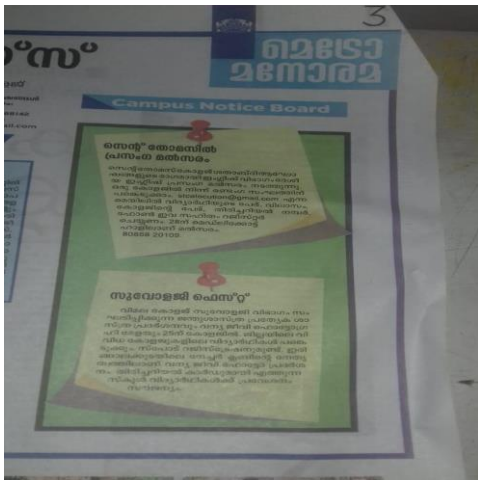
### 1. Student organised regional seminar

Final year B.Sc students organised a regional seminar on the topic 'Livestock and Poultry production' on 5/9/2018.

### 2. Zoofest 'Pygus 2k19'

All UG and PG students organized a Zoofest.

Exhibition was arranged and opened for the public. Pet show and aqua show were the main attractions in the zoofest on 25/01/2019. A very informative and interesting show was put up.



### 3. Competitions organised by students

Intercollegiate Power point presentation completion, quiz completion on the topic 'biodiversity', and a wildlife photography competition was organised in connection with

### Zoofest on 25/01/2019



### 4. Flash mob

I and II year B.Sc students performed flash mob in the campus for announcing the importance of conserving the biodiversity on 24/01/2019

### 5. Sport Fishing

Sport fishing from the fish pond of the department set up in the campus was arranged for faculty and students of the college, on 25/01/2019



### STUDENT INTERNSHIP PROGRAMME

- 12 III DC students completed their summer internship programme at Vijnan Sagar Science and technology park, Ramavarampuram, Thrissur from 10<sup>th</sup> April 2018 to 25<sup>th</sup> May 2018.

- 31 I DC and 36 II DC students completed internship at various institutions during summer vacation
- Malavika B. Worked as trainer for swimming summer camp from April 5<sup>th</sup> to May 25<sup>th</sup> 2018 at Shaanthy Matriculation Highet Secondary School, Jyothi Nagar, Pollachi

#### EXTENSION LECTURES OF FACULTY

- Dr.Honey Sebastian engaged pre-marital classes for Thrissur Arch Diocese on “Responsible parenthood with an emphasis on natural family planning methods” for the last 11 years
- Dr.Honey Sebastian, was the resource person for the programme organized by Woman development cell of Vimala College on the topic ‘Reproductive Health’ on 23/01/2019
- Sr.Freny Jacob was the resources person for MSW students on the topic ‘Ecology and environment’ on 7/01/2019
- Dr.Feebarani John won the resource person at Govt.U P school Ramavarmapuram on the topic ‘Environment protection’ on 5/6/2018.

#### SEMINARS AND WORKSHOPS ORGANISED BY THE DEPT

Department organised an international seminar on “Health Science Research-opportunities and challenges’ on 30/01/2019. Faculty and students from nearby colleges participated and presented paper.

Final year B.Sc students organised a regional seminar on the topic ‘Livestock and Poultry production’ on 5/9/2018.

#### INVITED TALKS AND LECTURES

- Dr. Jain J Therattil, Asst.prof.Dept of Zoology, St.Aloysius College, Elthuruth, Thrissur presented a topic on ‘Biodiveristy conservation-challenges and oppotunities of Kerala on 26/7/2018



- Prof.Susseela, Kerala Agricultural University, Vellanikkara engaged a session on the topic “Aquaponics’ on 3/8/2018
- Dr.Finosh G.Thankam, senior post doctoral fellow, Clinical and Translational Sciences and Dept. of Surgery, Creighton University of School of Medicine, United States, Topic:- Tendinopathies:Unrevealed Molecular Pathogenesis on 30/01/2019



- Dr.Raghu K.G, Principal Scientist & Head, Agro processing and Natural Production Division, NIIST, Thiruvanthapuram, Topic- Role of mitochondria in the genesis of metabolic syndromes, on 30/01/2019



- Dr. Achuthan C. Raghavamenon, Associate Professor, Amala Cancer Research Centre, Thrissur, Topic- coconut oil in health and disease on 30/01/2019



- Dr.Harikrishnan, Asst.Prof, Kerala Veterinary and Animal Sciences University, Mannuthy, Topic-Importance of poultry production on 5/09/2018
- Dr.A.Prasad , Asst.Prof, Dept of LPM, Kerala Veterinary and Animal Sciences University, Mannuthy, Topic- Importance of livestock production in Indian context

## EXTENSION ACTIVITIES OF THE DEPARTMENT

### 1. Health & Wellness Programme

- Smt. Rekha Nair, Zumba trainer, Kidzee play house, Chembukkavu performed a Zumba training for III DC students on 18/6/2018



- Smt.Jyothi Sukumaran, International Reiki master and our alumnae performed a Reiki class for III DC studnets.



- Two batches of final year B.Sc students took part in 'mosquito eradication and awareness programme in association with Family health center, Vilvattom area on 13/7/2018.
- Vector Borne diseases and their control programme was organized under the auspicious of Dr.Sasi Kumar, District Malaria Officer (Health), Thrissur on 29/11/2018.

### 2. Zoo related activities (Awareness programmes performed by students)

#### Environmental day celebration at Zoo

**5-6-2018:** 3 faculty members, Ms.Indu M.S, Deji A.D and Mr.Leo along with 12 3<sup>rd</sup> sem PG students visited the zoo and planted the tree along with the superintend of Zoo and other employee of the zoo. Two 3<sup>rd</sup> sem PG students, Anu Nixon and M.S Shipa presented a topic on 'Plastic pollution' for 40 students from K.V. Thrissur



### **Nurturing empathetic moments for fauna**

To impart awareness about different animals by means of ppt presentation and slogans on a selected animal

**1-8-2018: World reptile day:** World reptile day was observed at State Zoo. Ms. Maria Joby, 1st sem PG, Reema Paul of 3<sup>rd</sup> sem PG presented a topic on 'classification of reptiles' and 'Poisonous and non-poisonous reptiles and its conservation' for 40 students from the Holy family, HSS school Thrissur



**8-8-2018: World Tiger day:** World tiger day was observed at state Zoo. Ms. Mariya A. Joseph, 3<sup>rd</sup> sem PG student presented a topic on 'Tiger conservation' for students



**4-10-2018:** Punya, final year B.Sc. student and Liya Jose, 1<sup>st</sup> sem PG student presented topic at Zoo. '**Rabbies and its mode of transmission**' (Punya V.S.) and 'Rabies- facts, prevention and its treatment' (Liya Jose) for 30 students from sacred Heart HSS School.

**5-10-2018: World wildlife day** :Ms.Sreedevi V.H and Ms. Sylla Antony final year B.Sc. students visited the zoo and performed a ppt presentation on the topic "**Wild life conservation**" for the holy family HSS school students

**24/01/2019: world bird Day celebrations at Zoo:** Swathy Surendran, and Megha K.M, 2<sup>nd</sup> sem PG students visited the zoo and performed a ppt presentation on the topic 'Types of birds and behavior of birds'' for the school students.

**Green protocol activity:** Paper pen making class was arranged for 35 III DC students. Mr.Vidhyadharan, Director of IMOWS and Mrs.Rekha Sagar, trainer, IMOWS engaged the classes on 7/7/2018

### **Career support programmes for students organised by the dept.**

- Career guidance class for III DC and PG students by Dr.T.N. Jagadeesh Kumar, Head-employability center, Thrisusr, topic 'gearing up for success in career and life'



- Communication skill enhancement programme for III DC students
- Free coaching for staff selection commission examination for III DC students
- Career in the field of medical scribing , class by Arun George Kunnummel, Managing partner, medical scribing



academy, Thrissur, arranged for all UG and PG students on 16/11/2018



- 4 students participated in young womens leadership conclave organized by Professional trainers club, thrissur at Don Bosco College, Mannuthy, on 23/01/19
- An orientation talk on 'Higher studies opportunities at abroad' for 6<sup>th</sup> sem UG and PG students, on 31/01/19

