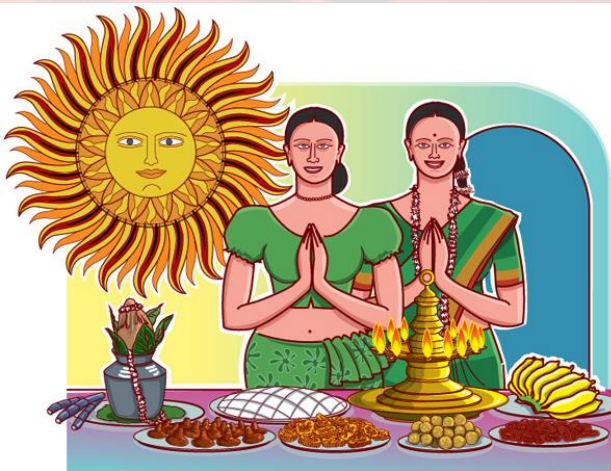


ZOOLOGY NEWS LETTER

MARCH 2017 VOLUME 03 No: 03

**“OUR HEARTFUL HAPPY TAMIL SINHALA
HAPPY NEW YEAR TO YOU DEPARTMENT
OF ZOOLOGY”**



This is actually a month for making the dreams true for our Department.

Our Reach for this month:

Successfully Inaugurated our Certificate course on Introductory molecular biology

We are not exception for the theory of “Population Dynamics”.

One of our Former instructor Ms.S.Sharanga has joined as one of the research student under the supervision of Prof.S.N.Surendran , meanwhile we miss our recently passed graduate instructors who have completed their demonstration period.

“GOOD LUCK FOR THEM FOR THEIR FUTURE ENDAVOURS”

Dr. Thulasitha Williams Shanthakumar has been promoted as Senior Lecturer-Gr II in Zoology

Heartful Congratulations to you Madam and we all pray to God for your good health, prosperity and the bright future.

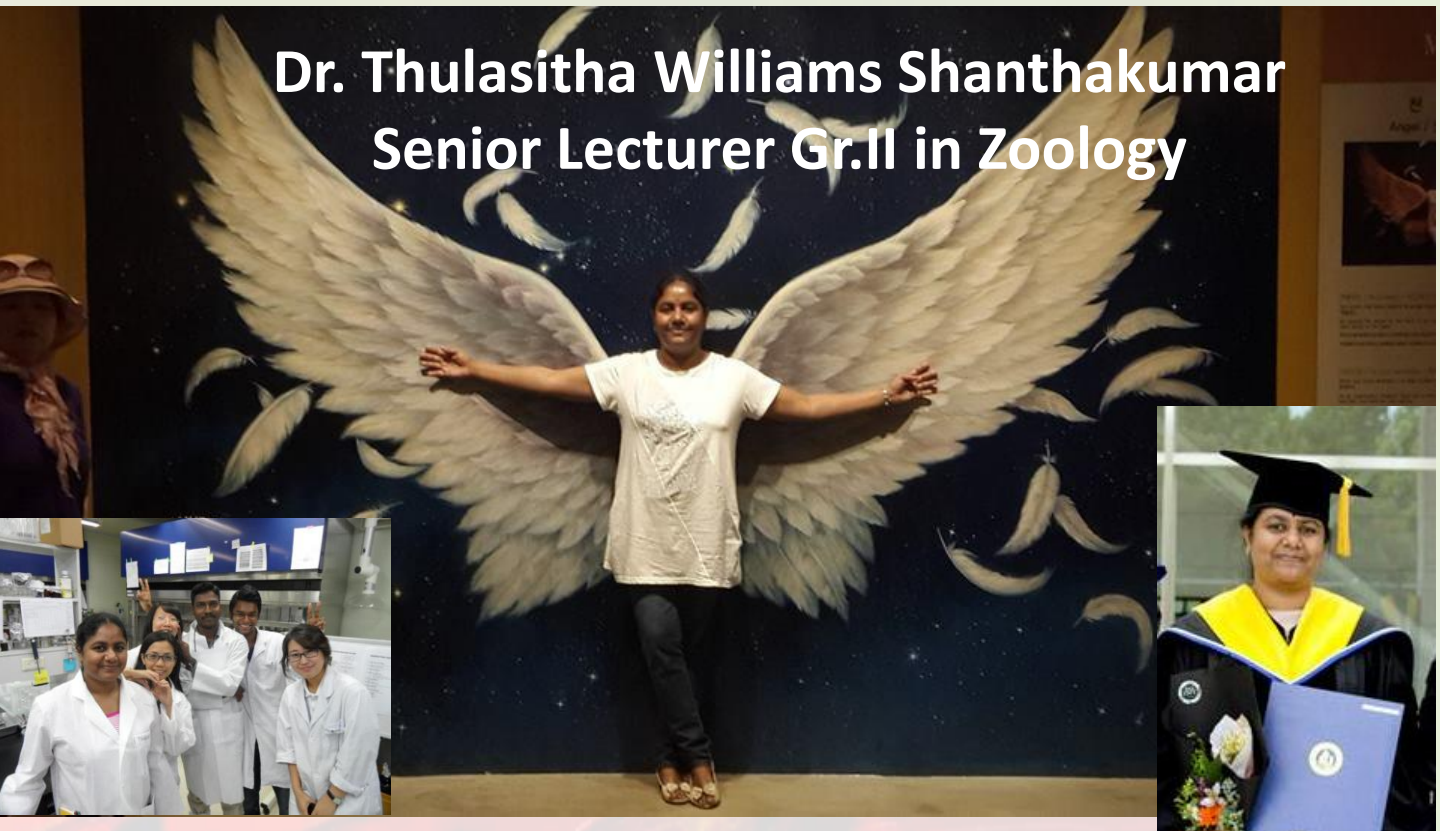
These are the list of publications of Dr. Thulasitha W.S for the year 2017

Bathige, S.N.D.K., Thulasitha, W.S., Umasuthan, N., Jayasinghe, J.D.H.E., Wan, Q., Nam, B. and Lee, J. 2017. A homolog of teleostean signal transducer and activator of transcription 3 (STAT3) from rock bream *Oplegnathus fasciatus*: Structural insights, transcriptional modulation, and subcellular localization. *Veterinary Immunology and Immunopathology*. 186: 29-40.

Thulasitha, W.S., Umasuthan, N., Wan, Q., Nam, B., Kang, T. and Lee, J. 2017. A proto-type galectin-2 from rock bream (*Oplegnathus fasciatus*): Molecular, genomic, and expression analysis, and recognition of microbial pathogens by recombinant protein. *Developmental and Comparative Immunology*. 71: 70-81.

Umasuthan, N., Bathige, S.N.D.K., Thulasitha, W.S., Jayasooriya, R.G.P.T., Shin, Y. and Lee, J. 2017. Identification of a gene encoding a membrane-anchored toll-like receptor 5 (TLR5M) in *Oplegnathus fasciatus* that responds to flagellin challenge and activates NF- κ B. *Fish & Shellfish Immunology*. 62: 276-290.

Dr. Thulasitha Williams Shanthakumar Senior Lecturer Gr.II in Zoology



Developmental & Comparative Immunology

Volume 71, June 2017, Pages 70–81



A proto-type galectin-2 from rock bream (*Oplegnathus fasciatus*): Molecular, genomic, and expression analysis, and recognition of microbial pathogens by recombinant protein

William Shanthakumar Thulasitha^{a, b, c}, Navaneethaiyer Umasuthan^{a, d}, Qiang Wan^{a, b}, Bo-Hye Nam^e, Tae-Wook Kang^f, Jehee Lee^{a, b}

[Show more](#)

Developmental & Comparative Immunology

Volume 67, February 2017, Pages 43–56



Comparative analysis of two thioredoxin-like genes in black rockfish *Sebastes schlegelii* and their possible involvement in redox homeostasis and innate immune responses

Roopasingam Kugapreethan^{a, b}, Navaneethaiyer Umasuthan^{a, c}, Qiang Wan^{a, b}, William Shanthakumar Thulasitha^{a, b}, Chul Kim^d, Jehee Lee^{a, b}

[Show more](#)

Veterinary Immunology and Immunopathology

Volume 186, April 2017, Pages 29–40



Short communication

A homolog of teleostean signal transducer and activator of transcription 3 (STAT3) from rock bream, *Oplegnathus fasciatus*: Structural insights, transcriptional modulation, and subcellular localization

S.D.N.K. Bathige^{a, b}, William Shanthakumar Thulasitha^{a, b}, Navaneethaiyer Umasuthan^{a, b}, J.D.H.E. Jayasinghe^{a, b}, Qiang Wan^b, Bo-Hye Nam^b, Jehee Lee^{a, b}

[Show more](#)

Fish & Shellfish Immunology

Volume 62, March 2017, Pages 276–290



Full length article

Identification of a gene encoding a membrane-anchored toll-like receptor 5 (TLR5M) in *Oplegnathus fasciatus* that responds to flagellin challenge and activates NF- κ B

Navaneethaiyer Umasuthan^{a, b}, S.D.N.K. Bathige^{a, c}, William Shanthakumar Thulasitha^{a, c}, R.G.P.T. Jayasooriya^a, Younhee Shin^d, Jehee Lee^{a, c}

[Show more](#)

Good Luck Madam

A Regional workshop on *Conservation and Management of Mangrove Ecosystem* was conducted by the Biodiversity Secretariat of the Ministry of Mahaweli Development and Environment in collaboration with the Department of Zoology, University of Jaffna.

Dr.(Mrs). R. Gnaneswaran, Senior Lecturer in Zoology, Member of the expert committee for mangrove conservation coordinated the workshop in Jaffna with all administrative executives and University academics relevant to this field. The district Secretary, Mr. Vethanayagan gave his fullest support to conduct the programme at his premises successfully.

The Chairman – Dr. Mrs. Sevanthi Jayakody and the Members of the expert committee, Dr. Mrs. R. Gnaneswaran and Mr. Manoj Prasanna , served as resource persons. Several issues related to Mangroves- such as diversity , Values, Current Status of Mangrove ecosystem in Jaffna and ways to overcome the issues related to the destruction of mangroves through legislation , were discussed in detail . Senior Academics from Zoology - **Dr. T. Eswaramohan , Dr.(Mrs). A Sivaruban, Mrs. P. Sivakumar and Dr. Mrs. Thulasitha Williams**, were active in discussion and pointed out the threats to mangroves. Finally, all participants were taken to three of the most degrading mangrove ecosystems in Jaffna .



This is the beauty of our Department & Our Staff. We are Crazy in Sharing our Knowledge with Public

We are very much happy to welcome the new committee members of Zoological Students' Association (ZSA) 2017/2018 which has been active from 03rd March 2017. We all expect their tremendous outputs as a team. Good luck guys....



We have stepped in our next level that we have successfully commenced our first batch of the certificate course on the Molecular Biology Laboratory techniques with 13 students on the 26th of March 2k17.



**EDITOR
ZOO NEWSLETTER**

March 2k17