**DEPARTMENT OF FORESTRY**

DETAILS OF DEPARTMENT ACTIVITIES HELD IN THE ACADEMIC YEAR 2013-14

1. Details of Seminars, Workshops and other programmes conducted by the department
* *A Nature Education Camp was organized for the higher secondary students on 2nd July 2013 as part of Vanamahotsava Week. The classes were led by the environmentalist Shri. Vishalakshan of ‘One Earth One Life’.*
* *A Nature Camp was organized for the final semester students at Thenmala, Shenduruny Wild life Sanctuary during 5th to 7th July, 2013.*
* *Butterfly Identification Training Camp organized for the students at Aralam wildlife Sanctuary during Wildlife Week, October 2013.*
* *Conducted a Workshop as Part of the revision of Scheme and Syllabus of B.Sc. Forestry programme of Kannur University on 16th December 2013 at Sir Syed College, Taliparamba*
* *Conducted Asian Water Bird Count at Munderikkadavu and Kattampally Wetlands of Kannur During 2nd week of January 2014*
* *Invited Talk on Conservation of Western Ghats – Present Status and Future Concerns by Shri. V. Saji Kumar, Asst. Conservator of Forests, Northern Circle, Kerala Forests and Wildlife Department on 10th Feb. 2014*
* *A lecture on Forest Management Information System was organized for the final semester students at Forest Head Quarters, Govt. of Kerala, Thiruvananthapuram on 13th Feb. 2014*
* *A Nature Camp was organized for the final semester students at Neyyar Wildlife Sanctuary, Thiruvananthapuram during 13th to 14th Feb. 2014*
* *The Department involved in the annual bird survey at Aralam Wildlife Sanctuary organized by the Kerala Forest Department and Malabar Natural History Society during 8th to 9th March 2014*
* *The Department in collaboration with the Social Forestry Division of Kerala Forests and Wildlife Department organized Invited Talks on the following topics*
	+ *“Sea Turtles of India – Status and Conservation” by Sri. Biju., Assistant Conservator of Forests, Social Forestry, Kannur.*
	+ *“Importance and Challenges of Conservation of Forests and Wildlife Resources” by Sri. Bhaskaran Vellur, Environmental Activist, Society for Environmental Education Kerala (SEEK).*

2. Publications and Papers Presented

Book Chapters

* Job J. N., Anoop E. V. and **Malik Fasil M.** 2013. Eco-anatomical characteristics of the wood of certain selected mangrove species of Kerala.In: *Mangroves of India – Their Biology and Uses.* Zoological Survey of India. pp: 435-445

Journal Papers

* **Sneha, C.,** Santhoshkumar, A.V. and Sunil. K.M. 2013. Quantifying water stress using crop water stress index in mahogany (*Swietenia macrophylla* King) seedlings. *Current Science*, Vol. 104 (3): 10.
* **K.S. Aneesh** , C. K. Adarsh and P.O. Nameer. 2013. Butterflies of Kerala Agricultural University (KAU) Campus, Thrissur, Kerala, India. Journal of Threatened Taxa. 5(9): 4422–4440

Seminar Presentations

* **Malik Fasil M.** and **Aneesh K. S**. 2014. Butterflies of Chimmony Wildlife Sanctuary, Southern Western Ghats. National Seminar on Insect Diversity of Western Ghats – An approach towards modern conservation strategies. Held at Sir Syed College on January 7-8, 2014.
* Adarsh C. K. and **Aneesh K. S.** 2014. Dragonflies and Damselflies of Kole Wetlands, Kerala. National Seminar on Insect Diversity of Western Ghats – An approach towards modern conservation strategies. Held at Sir Syed College on January 7-8, 2014.
* **Aneesh, K.S** and Gopakumar, S. 2013. Floristic Composition and Tree Species diversity in an Ecologically Fragile Land of South Wayanad Forest division. *In proc. of National Seminar ‘’Forest Biodiversity Conservation’’* held at Providence Women College, Calicut during 10-11 October 2013
* Adarsh C. K. and **Aneesh K. S.** 2014. Odonata of Kerala Agricultural University (KAU) Campus. National Seminar on Insect Diversity of Western Ghats – An approach towards modern conservation strategies. Held at Sir Syed College on January 7-8, 2014.
* Adarsh C. K., **Aneesh K. S.** andShamsudeen R. S. M. 2014. An observation on the Butterflies of Kole Wetlands, Kerala. National Seminar on Insect Diversity of Western Ghats – An approach towards modern conservation strategies. Held at Sir Syed College on January 7-8, 2014.
* **Sneha C.** and Shiran K. 2014. Species diversity, abundance and status of butterflies of Peringome Vayakkara Panchayath, Kannur, Kerala. National Seminar on Insect Diversity of Western Ghats – An approach towards modern conservation strategies. Held at Sir Syed College on January 7-8, 2014.

3. Ongoing Research Projects

Funded projects

* *UGC Minor Research Project on “Diversity, abundance and community structure of herpetofauna at Kadalundi-Vallikkunnu Community Reserve Kerala”.* PI: Malik Fasil M.

*Other minor projects*

* *A rapid biodiversity assessment of Kuttikkol river, Kannur, Kerala*
* *Wood waste of common timber species as a substrate for edible mushroom cultivation: A comparative study*
* *Floristic diversity and vegetation structure of Thekummbad mangroves, Kannur*
* *Avian diversity of Kattampally-Munderikadau Wetlands*
* *Physiological responses and tolerance level of selected tree species towards vehicular pollutants*