Two Day National Seminar on the Impacts of Climate Change on Biodiversity

Organized by PG Department of Zoology, St. Joseph's College (Autonomous), Irinjalakuda



Speakers

Dr. Lalitha Vijayan, Honorary Director, Salim Ali Foundation

Mr. Sandeep Das, EDGE, Research fellow, Zoological Society London

Mr. Rajkumar KP EDGE, Research fellow, Zoological Society London

Mr. Nithin Divakar Research fellow, Zoological Society London

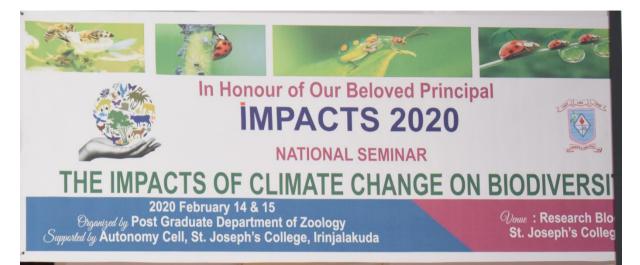
Dr. C P Shaji, Former Principal Scientific officer, Kerala Biodiversity Board

Dr. Deepesh V, Scientist C, Central Pollution Control Board.

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CERTIFICATE



ACADEMIC REPORT

National Seminar on 'The Impacts of Climate Change on Biodiversity' Organized by PG Department of Zoology

The two-day National Seminar on 'The Impacts of Climate Change on Biodiversity -IMPACTS 2020' was organized by the Department of Zoology on 14th and 15th February, 2020 at St. Joseph's College, Irinjalakuda. The Seminar was conducted in honour of the retiring Principal, Dr. Sr. Isabel. The inaugural session was presided over by Dr. Sr. Isabel. The seminar was inaugurated by Dr. Lalitha Vijayan, Honorary Director, Salim Ali Foundation by lighting the lamp. Dr. Asha, the Controller of Examination offered the felicitation. The first session was initiated by Dr. Lalitha Vijayan, who gave a talk on "Wetlands and Climate Change" were she discussed the role of our wetlands in the growth of Indian economy and why it is important to preserve such wetlands. She also shed light on effect of pesticides like DDT, endrin, Endosulfan in the environment and how it lead to the reduction in number of different birds. Secondly, Mr. Sandeep Das, EDGE, Research fellow, Zoological Society London, introduced the Impacts of Climate Change on the Amphibians of Kerala. He discussed about different varieties of amphibians found in Kerala, their habits and habitats. He also explained how a little variation in climate can affect their breeding, reproduction and growth and finally how it indirectly affects human beings. This was followed by another two interesting talks in the afternoon session by Mr. Rajkumar KP and Mr. Nithin Divakar on Impacts of Climate Change on Reptiles and Bat diversity in Kerala, respectively. Similar to the previous talks, they showed us how the sudden change in climate adversely affected the diversity of reptiles and bats. Both the delegates were EDGE Research Fellows from Zoological Society of London. In the second day of seminar, 15th February, the

session was initiated by Dr. C P Shaji, Former Principal Scientific officer, Kerala Biodiversity Board, where he talked about the "Impacts of Climate Change on Fishes of Kerala", where, he gave us a statistical data on how the sudden change in the climate in last two years has affected different species of fishes and also on the adverse effect of reduction in fish number on our economy.Second talk of this session was by Dr. Deepesh V, Scientist C, Central Pollution Control Board. His talk was on "Environmental Monitoring and Climate Change". In this talk he discussed about the effect of deforestation and high usage and burning of plastics has affected our environment. He made the class interesting by a lot of interactive sessions with students. In the last session, there were paper presentations by research scholars where they gave a ten-minute presentation on their research works.



National Seminar – Inaugural Session

Day I – 14.02.2020 Session I : 10.30-11.30 Am Dr. Lalitha Vijayan Honorary Director, Salim Ali Foundation Talk on "Wetlands and Climate Change



Session II – 11.45AM – 12.45PM Mr. Sandeep Das EDGE, Research fellow, Zoological Society London Talk on "Impacts of Climate Change on the Amphibians of Kerala"



Session III – 01.30PM- 2.45PM

Mr. Rajkumar K.P.

EDGE, Research fellow, Zoological Society London Impacts of Climate Change on Reptiles diversity in Kerala,



Session IV – 3.00PM - 4.00PM Mr. Nithin Divakar Research fellow, Zoological Society London Impacts of Climate Change on Bat diversity in Kerala,



Day II - 15-02-2020

Session I – 9.30AM – 11.00AM Dr. C.P. Shaji Former Principal Scientific officer, Kerala Biodiversity Board Impacts of Climate Change on Fishes of Kerala



$Session \ II-11.30-1.00 PM$

Dr. Deepesh V. Scientist C, Central Pollution Control Board Environmental Monitoring and Climate Change



PARTICIPANTS LIST

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