

# Theme of conference (Date)





Opening of Sovinor of Conference by the hand of Late Dr. V. A. Somvanshi. Dr. U. H. mane and Dr. U. D. Deshpande



Dr. S. M. Patil Assistant Director Fishery Survey of India felicitated Prin. Dr. A. D. Mohekar

# Hb Count Camp (Jan-2016)



Organized by Zoology Department in N.S.S.

# Wallpaper: Genetic World



Inauguration of Wallpaper by Principal

# Poster /Model Exhibition 21<sup>st</sup> December 2015



Interaction with Students

# Students Participation



Participation of Students

# International Barcode of Life Conference at Guelph, Canada



# Validation of commercially important fish of India

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## Introduction

Fish species under trade /used in Indian fisheries sector

Fish distribution	Numbers
Total finfish species	2384
Marine species	1704
Fresh water species	762
Endemic species	202
Commercially exploited species	258

Source: www.fishbase.org

Fish production 2013-14

Marine 3.44 (MMT)

Inland 6.14 (MMT)

Total 9.58 (MMT)

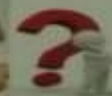
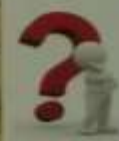
Products export 2013-14

Cost US\$ 5007 million

## Fish Sampling



Collected 1100 samples for over two years. Digitized database is created for all species.



**Results :** Validated 178 species (70%) of fish with all regional variants using DNA Barcoding.

Comprehensive data is generated on fish under trade.

Within species genetic variation is well in tune of 3% ( 2.56 %), hence no ambiguity in Genomic and phenomic analysis. Successive taxonomic rank shows almost 30 % higher distances.

Poster paper presented at International Barcode of Life Conference at Guelph, Canada.



# Excursion (2014-15)



**Principal Dr. A.D. Mohekar visited Ripley's Aquarium in Toronto, Canada.**

# Excursion (2014-15)



Sea anemone and Jelly fishes at aquarium in Toronto, Canada.

# Excursion (2014-15)



**White lion and Zebra during African Safari in Gulf, Canada.**