



**MACFAST**<sup>TM</sup>  
Igniting wisdom since 2001

**MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES  
TIRUVALLA (MACFAST)  
Thiruvalla - 689101**

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# **BIO-DIVERSITY AWARENESS SEMINAR**





**REPORT OF**

**STATE-LEVEL**

**BIODIVERSITY AWARENESS**

**SEMINAR CUM EXHIBITION**

**4<sup>th</sup> & 5<sup>th</sup> FEBRUARY 2019**

**Organized by**

**DEPARTMENT OF COMPUTER APPLICATIONS**

**Sponsored & Supported by**

**KERALA STATE BIODIVERSITY BOARD (KSBB)**



The world is facing a huge biodiversity crisis and considering the situation the United Nations General Assembly had declared 2010 as the year of Biodiversity and also recognised May 22 as the International Day for Biological Diversity, for the promotion of biodiversity issues. The most important threats to the biodiversity are habitat fragmentation, habitat loss due to change in land use pattern, introduction of exotic and alien species both in aquatic and terrestrial ecosystems, over exploitation of natural resources. Teaching biodiversity and making the public aware of the baseline knowledge of the biodiversity is the first and foremost step for biodiversity conservation; a challenging task too. An important goal of education is to promote students to protect their local biodiversity for a sustainable future.

Kerala is always known as God's own country, blessed with the Southern part of Western Ghats, along with 44 rivers and inland as well as coastal wetlands. For the past few years, our biodiversity had threatened in an alarming rate, which ultimately resulted in an alarming rate, which ultimately resulted in the most tragic, disaster 'Kerala Flood'. In the light of 'Kerala Flood', there arose an urgent situation, to make everyone aware of our biodiversity treasure and its sustainable utilization. The main focus of the seminar and the photo exhibition is to enrich the students and the public about the diversity of our surroundings.

### **MAJOR OBJECTIVES**

- Defining the biodiversity and its threats.
- Why to conserve diverse ecosystems and habitats?
- Biodiversity conservation strategies and methods.
- Addressing the conservation and the destiny of wetlands (man-animal conflicts).
- Role of wetlands in conservation and the destiny of wetlands.
- Various biodiversity Conventions, Acts and Conservation Programmes.
- Introducing the bird diversity of MACFAST campus, Thiruvalla through a photographic exhibition, which came up as a result of the Avifaunal diversity studies which was conducted for the past 3 years. The importance of birds and the need for their conservation will be highlighted.



## INAUGURATION CEREMONY

The programme started with prayer. Mr. **Sanesh P Varghese**, Deputy Director welcomed everyone and conveyed the importance of biodiversity through his welcome speech. Rev. **Fr. Cherian J Kottayil** presided the programme. **Dr. P. S. Easa**, Former Director, KFRI inaugurated the programme. He has extensive experience in areas of wildlife biology, conservation biology and conservation of asian elephant, human wildlife conflict etc and has published extensively in these areas. In the inaugural speech he stressed on the importance of conserving biodiversity and congratulated MACFAST for keeping the biodiversity in Campus. The distinguished guest of the programme **Prof. Remadevi V.** District Coordinator, KSBB explained the details of KSBB. Kerala State Biodiversity Board (KSBB) is an autonomous body of the State Government and come under the Kerala State Environment Department. With the head quarter at Thiruvananthapuram the Board falls under the provision of the Biological Act 2002, Rules 2004 and Kerala State Biological Diversity Rules 2008. She also explained the various functions of the Board in her key note address. Dr. M. S. Samuel, Director, Dept. of Computer of Applications felicitated and spoke about the significance of nature in one's life. The inaugural ceremony concluded with vote of thanks by Dr. Nishad P.M, Associate Professor, Dept. of Computer Applications.

## SEMINAR SESSIONS

### FIRST SESSION

**RESOURCE PERSON: DR. P. S. EASA, FORMER DIRECTOR, KFRI, PEECHI, THRISSUR**

Dr. P. S. Easa handled the first session of the seminar. He explained the various environment and climate required for various species. He mentioned several reasons for the extinction of some indigenous varieties of animals and birds. The story of sea turtles that entered the list of IUCN Red List conveyed the message that if we are not preventing the animals and birds, major portion will be in the brink of extinction. He also explained several Protection Acts emerged for addressing the problem of dwindling population of animals. Sustainable ecological balance, minimized utilization of resources and actions against exploitation of natural wealth especially forests, rivers etc contribute to biodiversity. Pictures of rare species of birds and animals enabled the listeners to understand more.



## **SECOND SESSION**

**RESOURCE PERSON: MR. HARESH KUMAR A.S, DISTRICT RESOURCE PERSON, KSBB**

Mr. Hareesh Kumar A. S spoke on the topic “**Rules And Regulations of Biodiversity**”. He stressed on the importance of abode of serpents and methods to prevent them. He explained the various functions, rules and regulations of Biodiversity. The various acts were explained in detail.

## **THIRD SESSION**

**RESOURCE PERSON: MS. GREESHMA PALEERI, RESEARCH SCHOLAR, KFRI, PEECHI, THRISSUR**

Ms. Greeshma Paleeri spoke on the topic “**Importance and threats of wetlands in Kerala**”. She explained about wetlands and made people aware that wetlands are not waste lands. She mentioned the importance of wetlands for the purpose of preventing many natural calamities and also briefed the habitats. The wetland types – swamp, marsh, bog, fen and mangrove were explained in detail. She emphasized the major threats wetlands of Kerala face. The lifestory of Kallen Pokkudan who tirelessly planted mangroves to protect them inspired the listeners. The present situation of wetlands in Kerala and why protection is needed was well understood from the session.

## **EXHIBITION**

Photos of 100 birds of 96 species were exhibited in the Conference Hall. All the pictures of the birds were captured by Dr. Nishad P.M, Associate Professor, Dept. of Computer Applications. The interesting factor was that all the pictures of birds were captured from MACFAST Campus, which itself proves the biodiversity offered in the campus. Students from schools and colleges visited the exhibition and Dr. Nishad P.M explained about the different species and their habitats.



**INAUGURAL CEREMONY OF**  
**State Level Bio Diversity Awareness Seminar cum Exhibition**  
**MACFAST, TIRUVALLA**

**Programme Sheet**

**Date: 04<sup>th</sup> Feb 2019**

**Venue: College Auditorium**

1. Prayer : **Ms. Veena & Aisha**
2. Welcome Speech : **Mr. Sanesh P. Varghese**  
Deputy Director, MACFAST
3. Presidential Address : **Rev. Fr. Cherian J Kottayil**  
Principal, MACFAST
4. Lighting the Lamp & Inaugural Address : **Dr. P.S Easa (Chief Guest)**  
Former Director, KFRI  
Peechi, Thrissur
5. Keynote Address : **Prof. Remadevi V. (Distinguished Guest)**  
District Coordinator, KSBB
6. Felicitations : **Prof. Varghese Abraham**  
Administrator, MACFAST
7. Felicitations : **Dr. M.S Samuel**  
Director, Dept of Computer Applications,  
MACFAST
8. Vote of Thanks : **Dr. Nishad PM**  
Associate Professor, Dept of Computer  
Applications, MACFAST

**State Level Bio Diversity Awareness Seminar cum Exhibition MACFAST,  
TIRUVALLA**

**Programme Schedule**

**Date: 04/02/2019**

**Venue: Auditorium**

09.30 am – 10.20 am Inauguration

10.20 am – 10.30 am Tea Break

10.30 am – 12.30 pm Dr. P.S Easa, Former Director, KFRI, Peechi, Thrissur

12.30 pm – 01.30 pm Lunch

01.30 pm – 03.00 pm Mr. Harikumar A.S, District Resource Person, KSBB

Topic : *Rules and Regulations of Biodiversity*

03.00 pm – 04.30 pm Ms. Greeshma Paleeri, Research Scholar, KFRI, Peechi, Thrissur

Topic : *Importance and threats of wetlands in Kerala*

**Exhibition Schedule**

**Venue: Conference Hall**

**Day 1**

**Date: 04/02/2019**

09.00 am – 05.00 pm

**Day 2**

**Date: 05/02/2019**

09.00 am – 05.00 pm

**MACFAST**

Accredited by NAAC with 'A' Grade



**Courses Offered:**

- Ph.D in Biosciences.
- M Sc. Food Technology & Quality Assurance
- Biochemistry
- Bioinformatics
- Plant Biotechnology
- Biotechnology
- Phytomedical Science & Technology
- MBA Master of Business Administration
- MCA Master of Computer Applications, 3 Years & 2 Year Lateral Entry

**Contact Details**

**Rev Fr Dr Cherian J Kottayil**

Principal, MACFAST  
Principal@macfast.org

**Prof. Remadevi V.**

District Co-ordinator, KSBB  
remadevivijayalakshmi@gmail.com

Programme Coordinator

**Dr. Nishad P.M**

Mob: 9495262832  
Email: nishad.pm@macfast.org

Joint Coordinator

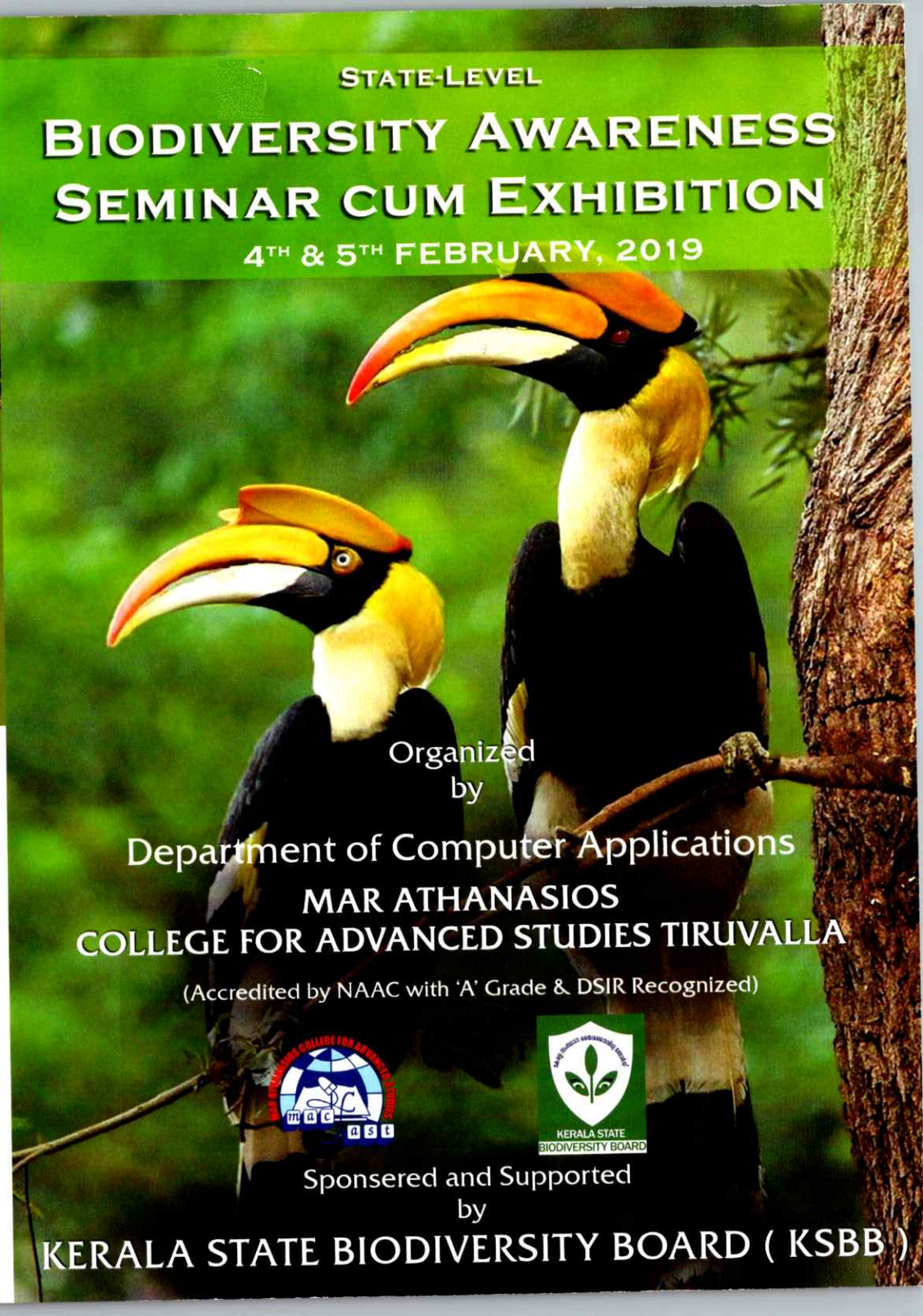
**Mr. Thomas Mathew**

Mob: +91 7907449104  
Email: thomasmathew@macfast.org

STATE-LEVEL

**BIODIVERSITY AWARENESS SEMINAR CUM EXHIBITION**

4<sup>TH</sup> & 5<sup>TH</sup> FEBRUARY, 2019



Organized by

Department of Computer Applications  
**MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES TIRUVALLA**

(Accredited by NAAC with 'A' Grade & DSIR Recognized)



Sponsored and Supported by

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# CERTIFICATE OF PARTICIPATION

*Certified that \_\_\_\_\_ has participated*

*in the State-Level Biodiversity Awareness Seminar cum Exhibition*

*on 4<sup>th</sup> February 2019 and 5<sup>th</sup> February 2019*

*Organized By Department of Computer Applications, MACFAST, Tiruvalla.*










*Sponsored And Supported By Kerala State Bio-diversity Board (KSBB).*

**Dr. Nishad P.M**  
Co-ordinator

**Fr. Dr. Cherian J Kottayil**  
Principal  
MACFAST



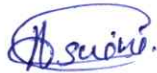



## BIODIVERSITY AWARENESS SEMINAR CUM EXHIBITION

4<sup>TH</sup> AND 5<sup>TH</sup> FEBRUARY 2019

Sl.No	Name	Signature
1	Noyal .k.k	
2	Kevin mathew	
3	Pranav	
4	Vivek.B	
5	Abhishek Kumar A/P	
6	Arjun Santhosh	
7	Ananda	
8	Bijin	
9	Adwaith	

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Sl.No	Name	Signature
10	Benna	
11	Beessy	
12	Aswini	
13	Himani m.k	Himani
14	Aleena k.m	Aleena
15	Grookul	
16	Amal	
17	Abhijith	
18	Zachu S	Zachu










## BIODIVERSITY AWARENESS SEMINAR CUM EXHIBITION

4<sup>TH</sup> AND 5<sup>TH</sup> FEBRUARY 2019

Sl.No	Name	Signature
19	SOORAJ SANTHOSH	<u>SOORAJ SANTHOSH</u>
20	Abhijith shibu	<u>Abhijith</u>
21	Kashinathan Prasad	<u>Kashi</u>
22	Abhiram P.S	<u>Abhi</u>
23	Michael	<u>Michael</u>
24	Akhil kumar	<u>AK</u>
25	Sooraj Suresh	<u>Sooraj</u>
26	<u>Mahi</u>	<u>Mahi'S</u>
27	Abhijith	<u>Abhijith</u>

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Sl.No	Name	Signature
28	Sandra Santhosh	
29	Aparna Anil Kumar	
30	Sandra	
31	Anania Rajeev	
32	Devika Pratheesh	
33	Sangeetha P.s	
34	Gayathri Devi . S	
35	Mahima.k.Mohanan	
36	Aleena Anil	










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Sl.No	Name	Signature
37	Stella Johns	<u>Stella</u>
38	Vaishola Banerji	<u>Animals</u>
39	Geethu Suresh	<u>Geethu</u>
40	Adithya .B.M	<u>Adithya</u>
41	Rasika Raj	<u>Raj</u>
42	Adithyan S	<u>A</u>
43	Adithya Raj	<u>Adithya</u>
44	Suelhi Sabu	<u>Suelhi</u>
45	<u>vivek</u>	<u>vivek</u>

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Sl.No	Name	Signature
46	Karthika.s	
47	Mahima Harikuttan	
48	Arjali .P	
49	K. Revathy Krishna	
50	Bhagya M2	
51	Sulathy Sandeep	
52	Sajana Santhosh	
53	Aparna Sasi	
54	Anjana Pradeep	

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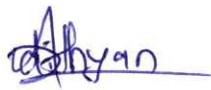



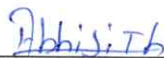



4<sup>TH</sup> AND 5<sup>TH</sup> FEBRUARY 2019

Sl.No	Name	Signature
55	Mahima Mahesh	<u>Mahima</u>
56	Devika Suresh	<u>Devika</u>
57	Sharri	<u>sharri</u>
58	Athira Suresh	<u>Athira</u>
59	Jincy Mohan	<u>Jincy</u>
60	Pavithra Prakash	<u>Pavithra</u>
61	Aarthy Nalb	<u>Aarthy</u>
62	srinidhi Sujikumara	<u>Srinidhi</u>
63	Najana Santhosh	<u>Najana</u>





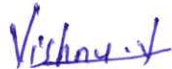




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Sl.No	Name	Signature
64	Greenandhu	
65	Adithyan N.J	
66	Kiran .A.H	
67	Jaytham . V. Anish	
68	Seeraj	
69	Abhisith	
70	Adeesh	
71	Bro: Steven *Jannad Vada Kireethu	
72	Bro. Stephen Thomas	

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Sl.No	Name	Signature
73	Vipul Vinod	
74	Adithyan P	
75	Vishnu V	
76	Santoshunny	
77	Alan Tig;	<u>Alan</u>
78	Bro. Joseph Vadenilepparambil	
79	Bro. Eapen Pariyamvelil	
80	Bro. Simon Puliyankozhil	
81	Bro. M. Dobins Abraham	