

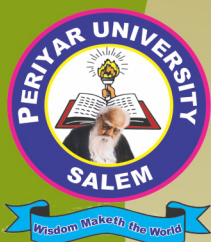
# **BIO FAIR - 2015**

**National Seminar**

**on**

## **Biodiversity Products and Industrial Applications (BPIA-2015)**

**28<sup>th</sup> & 29<sup>th</sup> September 2015**



**Organised by**

**Centre for Biodiversity and  
Forest Studies (CBFS)**

**Periyar University**

**Salem-636 011**

## **Brief Report of BIOFAIR-2015**

National Conference cum Exhibition on 'Biodiversity Products and Industrial Applications' was held on 28 & 29, September, 2015 at Centre for Biodiversity and Forest Studies, Periyar University, Salem, Tamil Nadu.



### **Background**

The Centre for Biodiversity and Forest Studies, Periyar University has conducted several programmes in terms of Conferences, Special lectures and Awareness programmes. In 2015, on behalf of Centre for Biodiversity and Forest Studies, we (Dr.K. Selvam and A. Maruthupandian) initiated the title "BIOFAIR" and conducted 'Biodiversity Products and Industrial

Applications' (BPIA-2015) in September 28 and 29, 2015. We received a very extensive response from the scientific arena throughout the country in BIOFAIR-2015.

We initiated six months before for BIOFAIR-2015 in a Theme 'Biodiversity Products and Industrial Applications' and Dr. K. Selvam, Department of Botany is served as Organizing Secretary and Dr.A. Maruthupandian from Botany



served as Organizing Joint Secretaries for this event.

We sent more than 200 hard copies of brochure and also communicated more than 1000 e mails to various leading institutions

throughout the country. **139 abstracts** were received for BIOFAIR-2015 and More than 300 participants across from southern states were participated and shared their views in the Seminar. .

### **Inauguration**

The National Seminar on “Biodiversity Products and Industrial Applications (BPIA 2015)” was inaugurated on September 28, 2015 organized by the Centre for Biodiversity and Forest Studies at Periyar University, Salem.



**Dr. K. Selvam**, Director, Centre for Biodiversity and Forest Studies as Organizing Secretary welcome the gathering. **Dr. S. Murugesh**, Head of Botany has highlighted the Theme of the Conference.



**Prof. Dr. M. Manivannan**, Registrar inaugurated the Seminar and delivered a presidential address in this Seminar. He highlighted the salient features of biodiversity resources and their conservation measures. He highlighted his lecture

as around 60% of the world population depends upon plants for their basic health care like spinach leaves has vital role in maintaining the body metabolism, quinine from Cinchona for curing malaria, morphine from poppy



plants which is used as pain relief. Further, he insisted about 70% of the anticancer drugs are from tropical rain forest according to National Cancer Institute data. However, according to the World Resources Institute report 100 species die due to tropical deforestation and also estimated that one half

of all the plants and animal species will face extinction by 2050 due to global warming and melting of ice glaciers in polar regions may submerge the port cities like Tokyo, London and Kolkata.



**Dr. P.A. Azeez**, Director, Salim Ali Centre for Ornithology and Natural History (SACON), Coimbatore delivered keynote address in the event. He emphasized

nearly 40% of the economy of our country is dependent upon the biodiversity products and the values of our biodiversity is unexplained completely. Most of the pharma



companies are keen to our  
biodiversity products for



bioprospecting. Although several  
medicinal plants has been  
identified, the active compounds of  
their plants should cure various  
diseases is not completely explored.

**Dr. D. Arulbalachandran** from Department of Botany has proposed vote  
of thanks for this gathering. More than 300 participants across from southern  
states were

Hence, the young minds should  
involve exploring these unknown  
resources and their values in an  
effective research in the field of  
biodiversity, sustainable



management and bioproducts.



participated and shared their views in the Seminar.



### **Biodiversity Products Exhibition & Models**

We have been arranged Biodiversity Products Exhibition in Part of this event. There are different varieties of natural products including textiles, herbal products were displayed and sell on that two days. Then displayed the models and Drawings regarding Biodiversity Conservation which made by students from Schools and Colleges. The Best models and drawings were appreciated and prized.

### **BIOQUIZ**

BIOQUIZ is another important part of this conference. The main objectives of this Quiz competition



are to create awareness about present status of Global Biodiversity



and Environment for students and future generation.



Bioquiz program were conducted for School, College, Inter-departments of Periyar University

and conference participants. The winners were appreciated with special medals, memento and certificates.



## Plenary Session

This conference has provided a platform for researchers and academicians to share and exchange their ideas on various aspects in the fields such as Biodiversity and Industry, Biodiversity and Natural Products, Biodiversity and Drugs,



Biodiversity Conservation and Sustainable Management, Biodiversity Policies and Legal issues, Biodiversity and Livelihood, Biological control and Crop Health, Biodiversity and Human health, Contemporary Environmental Issues, Ecotourism, Ecological Restoration and Economics of Biodiversity. The conference had seven plenary sessions spread over two days with expert's key note addresses and interactive discussions. The experts and the resource persons were invited who have sound knowledge in the field of Biodiversity Conservation and Sustainable Development, Biodiversity Conservation Education, Biopesticides and Sustainable Agriculture, Bioresources, Genetic Diversity, Biodiversity with sustainable commerce and Mushroom Biotechnology has addressed with their key note addresses to the academicians and researchers during the sessions. The following resource persons were presented their ideas with biodiversity in different titles.







**Dr. A.G. Deviprasad - 'Biodiversity conservation and sustainable development' , Dr. B. A. Daniel – Tools in biodiversity conservation and conservation education; Dr. S. Senthilnathan – Biopesticides: Current trends, discovery, development, Regulation, adoption and use for sustainable agriculture; Dr. M. Palamisamy – Bioresources in Antartica; Dr. C.**

**Bindu Roy – Genetic Diversity within plants and microbial community;**



**Dr. A. Elangovan – Strengthening Biodiversity is the Panacea for sustainable Commerce – an Interdisciplinary Approach and Dr. K. Murugesan – Diversity and Biotechnological Applications of Medicinal Mushroom *Ganoderma lucidum*.**



## Valedictory Function

The Valediction of BIOFAIR-2015 was held on September 29, 2015 at Seminar Hall, Old Science Block, Periyar University, Salem. **Dr. S. Lalitha**, Assistant Professor, Department of Botany, Periyar University welcomes the gathering.



**Dr. S. Murugesan**, Assistant Professor, Department of Botany, Periyar University briefly describes the Report of BIOFAIR-2015.



Our respected Controller of Examinations **Dr. S. Leela** delivered a Valedictory address and highlighted the various applications



of Biodiversity Products and their present, past and future issues. **Dr. S. Leela** was distributed the Certificates and Awards for the best oral and poster presentation winners as well as BIOQUIZ and present best Models winners.



**Dr. A. Maruthupandian**, Organizing Joint Secretary of BIOFAIR-2015 proposed vote of thanks.



## Photo Gallery











## **BIODIVERSITY EXHIBITION**





## **BIODIVERSITY PRODUCTS STALL**



## POSTER PRESENTATION





## PRIZE DISTRIBUTION IN VALEDICTORY FUNCTION





## PRIZE DISTRIBUTION IN VALEDICTORY FUNCTION



## **BIODIVERSITY EXHIBITION**





## **PRIZE DISTRIBUTION IN VALEDICTORY FUNCTION**





## **FEED BACK FROM PARTICIPANTS**

