

Report of the Science Academies Lecture-Workshop

on

“Biodiversity of Human Welfare ”

held on 19th & 20th September 2018

**Organized by**



Department of Research and Development

Alva's College, Moodubidire -574 199

Dakshina Kannada (Dist.), Karnataka

**Dr R.R.Rao**

**INSA Honorary Scientist**

**Bengaluru**

**Dr Raghavendra Rao, B.**

**Associate Professor & Coordinator**

**Department of Research**

**and Development**

**Alva's College, Moodubidire**

## **Report of the Science Academies Lecture-Workshop on “Biodiversity of Human Welfare”**

A two day Science Academies Lecture Workshop on “**Biodiversity of Human Welfare**” was held in Alva’s College , Moodubidire on 19<sup>th</sup> & 20<sup>th</sup> September 2018. The Lecture workshop was sponsored by the Science Academies, Indian Academy of Science (IASc) Bengaluru, Indian National Science Academy (INSA), and National Academy of Science (NASI) New Delhi. The Lecture workshop was organized by the Department of Research and Development Alva’s College, Moodubidire. Dr. R. R.Rao, INSA Honorary Scientist, Bengaluru was the convenor Dr Raghavendra Rao, Associate Professor & Coordinator Department of Research and Development ,Alva’s College, Moodubidire was coordinator of this programme.

Three INSA Honorary Scientists (Dr R.R.Rao and Dr Sanjappa) and One scientist from CIMAP (Dr V Sunderesan) were invited to deliver lectures on advanced developments in various fields of Biodiversity. Among three INSA Honorary Scientists, Dr D.J. Bagyaraj did not come to Lecture workshop, because of ill health. His two lectures were delivered By Dr R.R Rao and Dr Sanjappa.

The workshop was organized to get the basic aspects of biodiversity and its applications for the benefit of mankind. A total of 8 lectures were delivered by resource persons. About 150 participants ( Faculty and PG students) from various colleges participated in the workshop.

Following resource persons gave lectures during the lecture workshop.

1. Dr R. Raghavendra Rao, INSA Honorary Scientists, Bengaluru
2. Dr Sanjappa, INSA Honorary Scientists, Mahathma Gandhi Botanical Garden G.K.V.K, Bengaluru
3. Dr Sunderesan, Scientist, Plant Biology and Systematics department , CSIR - Central Institute of Medicinal and Aromatic Plants Research Center, Bengaluru



Inauguration of INSA Sponsored Lecture Workshop



**Introductory speech about lecture workshop by Dr R. Raghavendra Rao**

The two days lecture workshop was inaugurated by Dr M. Mohan Alva, Chairman, Alva's Education Foundation, Moodubidire at 9.30am at Kuvempu Hall Alva's College, Moodubidire. Dr Kurian, Principal, Alva's College, Moodubidire welcomed the gathering. Dr R. Raghavendra Rao Convenor of this workshop

gave introductory speech and mentioned the objectives of the lecture workshop. He also explained the various activities of Science Academies'. Dr M. Mohan Alva in his Inaugural speech thanked the Science academies' for conducting the workshop at Alva's college. Dr Rashi K., Head , PG Department of Zoology.

First lecture was give Dr R. Raghavedra Rao on the topic "Taxonomy, Biodiversity and Bio-prospection". He explained the importance, relevance and current challenges of taxonomy, biodiversity its importance and applications of bioprospecting.



**Dr R. Raghavendra Rao Delivering Lecture on "Taxonomy, Biodiversity and Bio-prospection"**



Dr Sanjappa Delivering Lecture on “Floristic Diversity of India: An Overview”

Second session was taken by Dr Sanjappa on “Floristic Diversity of India: An Overview”. He covered floristic diversity of India and reasons for the diversity and hotspots of diversity.

Third lecture was given in the afternoon session by Dr R. Raghvendra Rao on ‘Some aspects of Botanical Nomenclature’. In this session, he covered basics of Botanical Nomenclature, rules of botanical nomenclature. He also explained principles of international code of botanical nomenclature.





**Dr R. Raghavendra Rao Delivering Lecture on 'Some aspects of Botanical Nomenclature'**

Dr Sunderesan gave fourth lecture 'Distribution, status and Utilization of Indian Medicinal Plants'. He discussed on profile of medicinal plants diversity in India and Distribution of Indian medicinal plants.



**Dr Sanjappa delivering a lecture on "Conservation of wild plant resources"**

On 20 September 2018, Dr Sanjappa delivered a lecture on “Conservation of wild plant resources”. In this lecture he explained reasons for depletion of plant species, IUCN red list categories and the importance of conservation of plant species.

Sixth Lecture was delivered by Dr Sunderesan on “Medicinal plants conservation: Problems, Perspectives and Strategies”. He discussed the importance and raise in awareness about the plant based medicines. He explained threats to medicinal plants and different conservation strategies.

Seventh lecture was delivered by Dr Sanjappa on “Role of botanical survey of India in survey, documentation and conservation of plant diversity”. He discussed the importance and role of botanical survey of India survey, documentation and conservation of plant diversity.



**Lecture by Dr Sanjappa on “Role of botanical survey of India in survey, documentation and conservation of plant diversity”**

The eighth lecture on Wild genetic resources of crop plants in India with special reference to wild edible plants was given by Dr Raghavendra Rao. He spoke on crop wild relatives, importance of wild genetic resources and genetic diversities of crop plants.

The valedictory address was given by Mr Vivek Alva, Managing Trustee, Alva's Education Foundation, Moodubidire . He thanked the National Science Academies' for conducting such a grand workshop.



### **Valedictory Function**

In the feedback session, the young and energetic participants from various institutions expressed their views about the Lecture workshop. They appreciated the lectures delivered by resource persons and the good arrangements made by the Alva's College. At the end Dr Raghavendra Rao, B., Coordinator of the program delivered vote of thanks. He especially thanked INSA , BENGALURU, convenor Dr Raghavendra Rao and all the resource persons for the successful completion Lecture workshop. A total 150 participants participated in this Lecture workshop.



### Details of participants

<b>Sl. number</b>	<b>Participants representing institution</b>	<b>Number</b>
<b>1</b>	Mangalore University, Mangalore	17
<b>2</b>	SDM College, Ujire	13
<b>3</b>	Alva's Ayurveda college	7
<b>4</b>	Alvas College, Moodubidire	113
	<b>Total</b>	<b>150</b>

### Composition of participants

<b>Sl. number</b>	<b>Composition of participants</b>	<b>Number</b>
<b>1</b>	Teachers	28
<b>3</b>	Students	122
	<b>Total</b>	<b>150</b>