



## ICFRE-INSTITUTE OF FOREST BIODIVERSITY (ICFRE-IFB), HYDERABAD

### Report on One Day National Conference on “World Environment Day” jointly organized by ICFRE-Institute of Forest Biodiversity and Malla Reddy University, Hyderabad on 05.06.2024

#### Inaugural Session

A one-day National Conference was jointly organized by ICFRE-Institute of Forest Biodiversity (ICFRE-IFB) and Malla Reddy University (MRU), Hyderabad on the occasion of “World Environment Day” on 05.06.2024 at Malla Reddy University, Hyderabad. This year’s theme of the “World Environment Day” is “Land Restoration, Desertification, and Drought Resilience”. The National conference holds utmost significance in this context ensuring to conserve our planet and looking for environment friendly ways to protect our climate. Shri E. Venkat Reddy, IFS, Director, ICFRE-IFB and Chief Guest of the programme inaugurated the program. The program started by the traditional lighting of lamp by the dignitaries, Shri E. Venkat Reddy, IFS, Director, ICFRE-IFB, Hyderabad, Prof. VSK Reddy, Vice Chancellor, Dr. M Anjaneyulu, IDAS Registrar, Dr. D Pramod, Dean, Research & Development, Dr. Raja Reddy, Dean School of Agriculture, Dr. Kailash Rao and Dr. Shreenath from Malla Reddy University, Hyderabad. In the inaugural session a thought-provoking skit was presented by the students whose characters were the environmental students and common man.

#### Dr. M Anjaneyulu, Registrar, Dean of Management, Malla Reddy University

Dr. M Anjaneyulu addressed the audience with his esteemed words. He thanked Shri E. Venkat Reddy, IFS, Director, ICFRE-IFB for his meticulous planning in this program. In his address he gave a brief introduction of the university and highlighted the significance of this conference on the World Environment Day.

#### Dr. D Pramod, Dean Research & Development, Malla Reddy University, Hyderabad

Dr. D Pramod welcomed all the dignitaries and participants in this conference. In his address

he highlighted the importance of our environment which provides valuable assets to live a peaceful life. He said that our mother earth needs to be conserved from the anthropogenic activities by increasing the green cover. He said that the Sustainable Development Goals can be implemented at individual level itself by saving water, electricity and planting more and more trees. In his address he focused on the increasing pressure on this planet due to the deforestation activities, land conversions, Pollution etc. which are leading to global warming and hence increasing the temperature range compared to the medieval period. Towards the end he also appreciated the kind gesture of donating 150 plants to the university by ICFRE-IFB, Hyderabad.

#### **Dr. Raja Reddy, Dean School of Agriculture, Malla Reddy University, Hyderabad**

Dr. Raja Reddy addressed the audience with his insightful words. He focused on ways for land and water conservation for sustaining the environment. He also appreciated the Telangana Government effort to increase the green cover in the state by implementing project like Harith Haram which aimed at planting billions of trees every year to increase forest cover, improve air quality and provide ecological stability. He also emphasized on educating the youth and creating mass awareness towards conserving our nature by planting more trees.

#### **Shri E. Venkat Reddy, IFS, Director, ICFRE-IFB, Hyderabad**

Shri E. Venkat Reddy expressed his gratitude on behalf of ICFRE-IFB for being a part of this Conference on the eve of World Environment Day, 2024. In his address he said that attention should be paid towards environment protection in a collaborative way. He said that this conference aims at addressing the prevailing issues of desertification and resilience towards drought as highlighted in this year's theme. He also focused on ways to build resilience towards drought by recharging the underground water through natural percolation and also building water harvesting structures. He emphasized that it is the Fundamental Duty of every citizen to protect the nature and wildlife. India has a scarce land resource which is facing pressure due to various anthropogenic activities which should be addressed with utmost importance. Towards the end he emphasized on bringing the innovative research work done in the projects onto fields through the extension activities.

#### **Dr. Kailash Rao, Dean School of Engineering, Malla Reddy University, Hyderabad**

Dr. Kailash Rao expressed his gratitude to be the part of this conference. He said that all the forms of living being on earth relies on the essential resources provided by the environment like air, water, land, sunlight etc. He also expressed his concern towards the prevailing issue of depleted ground water in Bangalore. He said that due to the increasing human pressure and over consumption of the resource led to the deficiency of the water. So, he emphasized on conservation of the resource by proper planning. He also talked about other environmental problem

like pollution which is leading to global warming and hence increasing of the temperatures. So, forestation activities should be increased because they will serve as a barrier to the degrading environmental conditions.

### **Technical Session-I**

#### **Dr. M Anjaneyulu, Registrar, Dean of Management, Malla Reddy University**

Dr. M Anjaneyulu, presented on “Climate Change”. He gave a thought-provoking lecture on the prevailing issue of climate change with the help of videos which depicted the impact of human activities on environment. He emphasized on the destruction caused to the environment due to war and other destructive activities. These destructive activities severely impact environment. During his address he discussed about the origin of universe and the existence of various life forms on earth which are interrelated to one another. He also said that due to the impact of climate change many species of wildlife, flora and fauna are facing extinction which is affecting the biodiversity of the planet. He also talked in depth about the global warming leading to increase in temperatures, deforestation, drought and other prevailing problems.

#### **Dr. Suraj, Sc-B, ICFRE-IFB, Hyderabad**

Dr. Suraj, presented on “Solvents and their impacts on Climate”. He discussed in depth on two types of solvents viz; organic and green solvents. In his address he gave a review of the solvents and their impacts on plants, marine life, food chain, humans etc. He said that solvent like Methanol is toxic to earth and causes the problem like water pollution etc. He also said that due to their negative impact on our environment green solvents should be used as their substitute. These green solvents being environment friendly in nature ensures our commitment towards the sustainable development goals and ensures a sustainable future.

#### **Prof. D Pramod, Dean Research & Development, Malla Reddy University, Hyderabad**

Prof. D Pramod presented on “Natural Resources” and talked about the number of initiatives as proposed by the UN to measure and protect our environment. He also said that land is a limited resource hence its judicious utilization is essential to conserve the resource. During his address he also showed his concern about the raising temperature since the last decade which is making human life uncomfortable. In order to combat this situation green cover must be increased. Towards the end of his insightful lecture he said that it is the duty of every citizen to conserve our natural resources and nature to preserve our future.

There was a skit performance towards the end of this session on the topic “Life of Environment” with the characters as Good Guys and Bad Guys.

## **Technical Session-II**

In this technical session various posters and papers were presented by the participants of Malla Reddy University. These presentations given by the participants were judged by the subject experts from ICFRE-Institute of Forest Biodiversity, Hyderabad. These subject experts were

- **Dr. Pankaj Singh, Sc-D,**
- **Dr. Kavi Sidharthan, Sc-B**
- **Dr. Ruby Patel, Sc-B**

The winners of the paper presentation were as follows:

1. Utilizing waste materials in sustainable agriculture -S. Jayaprakash Dora
2. Pollution and Waste from Sanitary Pads in India - M. Suchitra

The winners of the poster presentation were as follows:

1. WAH! - Wrinkles Achhe Hain - Nandita. K & Sadiya. M.
2. Breeding for shoot fly resistance in Sorghum (Sorghum bicolor (L.) Moench)- Podupuganti Saikumar & Shailaja D. S.
3. Deadly Trio - Impact on Marine Life- R. Likhitha Pravinya, Y.J. Johanna Sharon & Padakandla Shalem Raj.

A total of 200 native tree saplings were planted in Malla Reddy University Campus. The conference ended by the valedictory session. The overall program is coordinated by Shri **A. Sasidhar**, TC, **Shri D. S.S. Prasad**, TC & **Shri E. Manikanta Reddy**, TC, ICFRE-IFB.

## Glimpses of the Program



**Figure-1:** Presenting a bouquet to the Chief Guest Shri E. Venkat Reddy, IFS, Director, ICFRE-IFB



**Figure-2:** Inauguration with candle lightning ceremony by Shri E. Venkat Reddy, IFS, Director, ICFRE-IFB & Professors of MRU



**Figure-3:** Speech on Land restoration, desertification & drought resilience by Shri E. Venkat Reddy, IFS, Director, ICFRE-IFB



**Figure-4:** IFB-Scientists and MRU students glimpses



**Figure-5:** Presentation on Green solvents by Dr. Suraj, Scientists-B, ICFRE-IFB



**Figure-6:** Evaluation of Poster presentations by IFB-Scientists



**Figure-7:** World Environmental Day-National Conference Poster releasing by MRU, Chairmen, Staff & Director, ICFRE-IFB



**Figure-8:** Celebrating of NCC on the day of World Environmental Day with ICFRE-IFB & MRU staff



**Figure-9:** Prize distribution to the winners of MRU-Students by Committee



**Figure-10:** Plantation on World Environmental Day by Director, ICFRE-IFB & MRU-Staff



**Figure-11:** Plantation by MRU-Students



**Figure-12:** Plantation by MRU-Students along with ICFRE-IFB-Staff