



## INSTITUTE OF FOREST BIODIVERSITY (IFB), HYDERABAD

20.09.2021

### A Report on Bharat Ka Amrut Mahotsav Celebrations from 20.09.2021 to 24.09.2021 at Institute of Forest Biodiversity (IFB), Hyderabad.

The Institute of Forest Biodiversity, Hyderabad is organizing a one-week webinar program on “Bharat Ka Amrut Mahotsav, **Theme: Scientific achievements and technological advancement in India**” from 20<sup>th</sup>- 24<sup>th</sup>, September 2021 through virtual media.

A webinar was organized at the Institute of Forest Biodiversity, Hyderabad in connection with the “Bharat Ka Amrut Mahotsav” celebrations on 20.09.2021. The theme of the webinar was Scientific Achievements and Technological Advancements in India. Shri E. Venkat Reddy, IFS, Head Extension division spoke on the significance and relevance of the topic as it is the Government of India initiative for the celebration of Bharat ka Amrit Mahotsav during the year. Head extension also welcomed the Chief guest of the webinar, speakers, scientists, officers, staff, and others who have joined the webinar. The inaugural address was delivered by Dr. Ratnaker Jauhari, IFS, Director, IFB. A total of 40 Officers/ Scientists, Students, Research scholars and Technical staff participated.

The Chief Guest of the webinar Dr. BMK Reddy, Chairman, Andhra Pradesh State Biodiversity Board presented on Scientific achievements in the agricultural sector, green revolution, advances in agricultural varieties, pest and disease management, agricultural implements, development of irrigation, horticulture products, fisheries development, and animal husbandry in independent India. He stressed the importance of agricultural research for the green revolution, economic development, and food security of the nation. The presentation was followed by a discussion on problems faced by farmers and the agrarian crises. Dr. Reddy has suggested various measures for improvements in the agriculture sector and also for the development of storage and marketing facilities for agricultural produce.

Special invitee of the webinar Dr. M.A. Aarif Khan, Retired Professor, Telangana State Agricultural University gave a presentation on Agroforestry for sustainable production & Enrichment of soil. Dr. Khan has delivered his lecture on various agroforestry methods suitable for semiarid regions of Telangana. He described various agroforestry tree species, horticulture trees and crop combinations suitable for farmers' fields. He has shown the agroforestry models developed by the university in various field stations. Dr. Khan stressed the positive externalities that will be generated by adopting the agroforestry tree plantations in farmers' fields in terms of improvement of soil fertility, water conservation. He mentioned that Agroforestry is beneficial to farmers for generating additional incomes and also provides supplementary incomes with timber, fuelwood, fodder, fruits, etc. from agroforestry tree species. The presentation was followed by a discussion on the status of agroforestry in the state.

Shri E. Venkat Reddy, IFS, Head Extension division gave a presentation on Historical aspects of Science and Technology developments in India. He gave chronological events of Science and Technology developments in India from the Ancient period to the present day.

He enlightened the audience on the advancements of Indus valley civilization in town planning, irrigation, metallurgy, trade & commerce, art & crafts, agriculture, and medicine.

He explained about the great Indian Astronomers and mathematicians of Ancient India. He has mentioned the evolution and contribution of ISRO in space technology. He has also elaborated about the ancient Indian systems of medicine their present status and the contribution of various scientists from India to the development of medical sciences. He has described the great Indian scientists and their contribution to the world on various branches of Science & Technology. The presentation was followed by a discussion.

The webinar was concluded with active participation by all the officers, scientists, and staff of IFB Hyderabad and FRCCE, Visakhapatnam. The vote of thanks were extended by the Head Extension division for the successful conduct of the webinar. The overall program is coordinated by Shri E. Manikanta Reddy, Technician Extension Division.



# Glimpses of the Webinar

