



# TIRUMALA ENGINEERING COLLEGE

An ISO 9001:2015 Certified Institution, Accredited by NAAC & NBA

(Approved by AICTE & Affiliated to JNTU Kakinada)

Jonnalagadda, Narasaraopet Guntur - 522601, Dist. A.P. Website:tecnrt.org. E-mail:tecnrt@gmail.com

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## A REPORT ON SWACCHA ROLE OF YOUTH IN CONSERVING THE BIODIVERSITY

NSS UNIT TEC



A REPORT ON SWACCHA ROLE OF YOUTH IN CONSERVING THE BIODIVERSITY

LOCATION: ONLINE – GOOGLE MEET

NUMBER OF STUDENTS: 56

DATE: 22-05-2021



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Information Received as : ENVIS – EPTRI in association with Lee Shreyus Foundation, TSNGC, NYK – Ranga Reddy has organizing a webinar on role of youth in conserving the biodiversity as part of International Biological Diversity Day Celebrations on 22nd May, 2021 from 12:00 Pm kindly join the event using the link [meet.google.com/wro-rrih-kzz](https://meet.google.com/wro-rrih-kzz)

**Ministry of Environment, Forest and Climate Change**  
Government of India

**22 MAY 2021 BIODIVERSITY DAY**  
We're part of the solution #ForNature

**Webinar on "Role of Youth in Conserving Biodiversity"**

**22nd, May, 2021 | 12:00 Pm**  
Organised by  
ENVIS - HUB & RP  
ENVIRONMENT PROTECTION TRAINING & RESEARCH INSTITUTE  
Government of Telangana  
In association with  
LEE SHREYUS FOUNDATION | TSNGC | NYK- RANGA REDDY (D), TELANGANA STATE

**CHIEF GUEST**  
  
SRI ADHAR SINHA, IAS  
SPECIAL CHIEF SECRETARY TO GOVERNMENT  
DIRECTOR GENERAL, EPTRI

**SPEAKER**  
  
GAJINI SAILU  
REGIONAL DIRECTOR,  
FOREST-PLUS 2.0,  
MOEFCC & USAID PARTNERSHIP PROGRAM

**Join us with below link**  
[meet.google.com/wro-rrih-kzz](https://meet.google.com/wro-rrih-kzz)

**SUPPORTING PARTNERS**  
MARRI LAXMAN REDDY GROUP OF INSTITUTIONS  
CMR  
SREE RAMA ENGINEERING COLLEGE  
LSF YOUTH ENVIRONMENTAL COUNCIL  
Aristotle P. Q. College

Conservation of biodiversity is vital for maintaining the Earth's environment and sustaining life on the planet. There are a number of ways in which the richness of biodiversity helps in maintaining the ecological system. Conservation of biodiversity is important for the survival of living beings on Earth. Hence, a lot of emphases is being given on the conservation of biodiversity these days.

Earth is a beautiful planet which has given us many things which occur naturally. Natural resources, rivers, valleys, oceans, different species of animals and beautiful varieties of plants and trees are among some of these.

In today's world, we are busy developing our surroundings and spoiling our beautiful environment. Today, we have exploited most of the things that were available abundantly in nature. Thus, there arises a need to conserve these natural things. Among other things, there is a serious need for the conservation of biodiversity.



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Conservation of biodiversity is important for many reasons. Here are some of the main reasons to conserve biodiversity:

**Process of Food Chain:** Different species of animals and plants serve as the source of food for other animals and living organisms. Thus, conserving biodiversity help to keep the food chain among the living organisms.

**Nutritional Needs:** The decline in the variety of plants and animals would mean the decline in the variety of food we eat. So, this is likely to result in nutritional deficiencies.

**Cleaner Air:** Plants and trees have a greater ability to purify the air and keep the atmosphere clean. As there is a decrease in the number and types of trees and plants, it impacts the quality of air in a negative way.

**Better Cultivation of Crops:** Fertility of soil is maintained by many insects, organisms and microorganisms work on different levels. So we have to maintain the level of microorganism which is better for the cultivation of crops.

**For Medical Reasons:** For making different medicines many species of trees and plants are used so as to cure various diseases.

Methods that can help in the conservation of biodiversity are

**Control Population:** The greater the population the higher the needs which would result in further exploitation of flora and fauna and decline in biodiversity. For the conservation of biodiversity, we have to control the human population and allow other species of plants and animals to replenish on our planet.

**Control Pollution:** The changing climate, deteriorating air quality and the growing amount of pollution on land and water bodies are leading to different types of diseases in many. It is essential to reduce the activities leading to pollution so as to conserve biodiversity.

**Reduce Deforestation:** Due to deforestation, there is the loss of habitat. Due to this reason, wild animals are unable to survive in the new environment and die.

**Avoid Wastage:** We need to understand that natural resources are not only essential for us but are also vital for the survival of other species. We must thus utilize only as much as we require them so that these remain available in abundance in nature for future use.



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**Spread Awareness:** Apart from this, one of the best methods to conserve biodiversity is by spreading awareness. The government can do so at a bigger level. We can spread awareness by word of mouth and through social media.

As a part of the Conservation of Biodiversity, Tirumala Engineering College organizes plantation program every year in the college campus and nearby villages. TEC planted a vast number of trees in the campus with wide varieties of plants. There are more than 250 trees available in the campus. Along with trees greenery lawns also maintained in the campus. TEC also established rain water harvesting in the college. Students and staff are actively participating in these types of programs with enthusiasm.



Principal Dr. Y.V Narayana sir giving instructions in maintaining the greenery in the campus





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Greenary and Lawns in TEC Campus.



Different types of trees in TEC Campus

Students of First year B.Tech belongs to various branches has actively participated in a webinar on role of youth in conserving the biodiversity as part of International Biological Diversity Day Celebrations on 22nd May, 2021 from 12:00 Pm organized by ENVIS – EPTRI in association



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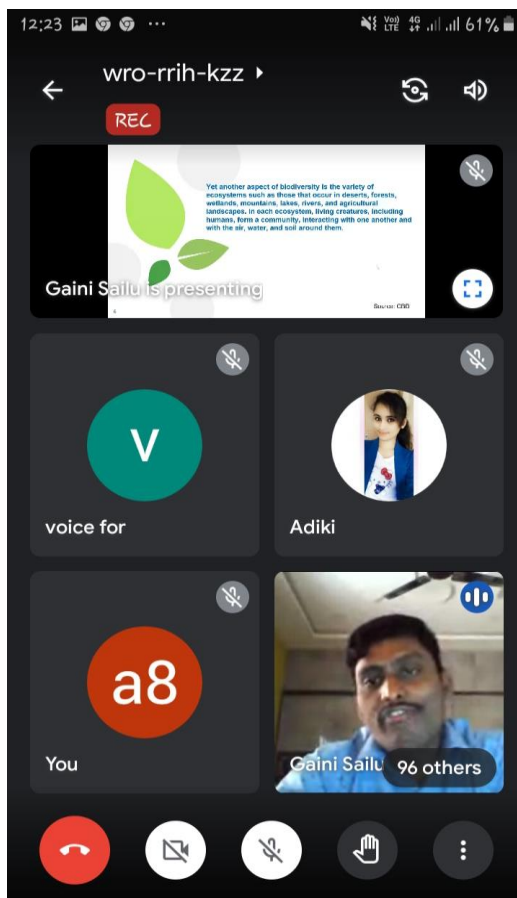
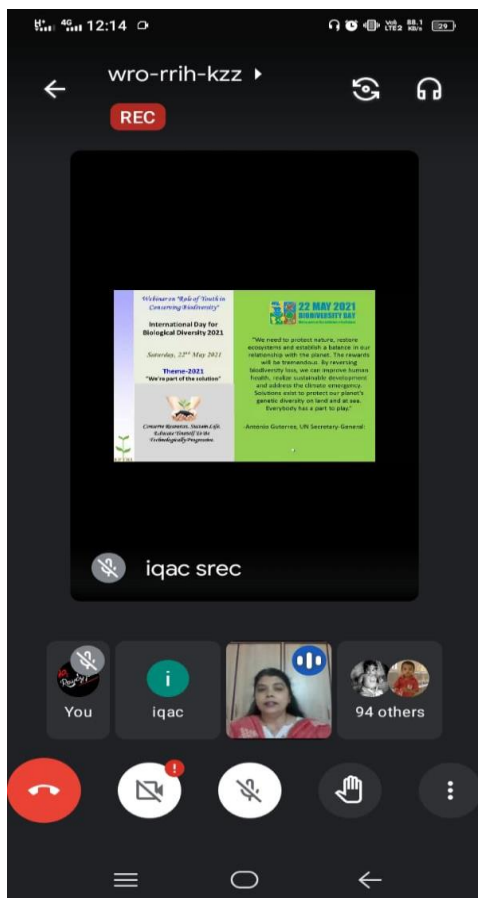
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with Lee Shreyus Foundation, TSNGC, NYK – Ranga Reddy which are emphasized on the above points. The speakers are from Ministry of Environment, Forest and Climate Change, Government of India. They focused on Conservation of Biodiversity, Need to Conserve Biodiversity, Importance of Conservation of Biodiversity, Methods to Conserve Biodiversity.

The screen shots of the webinar are





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