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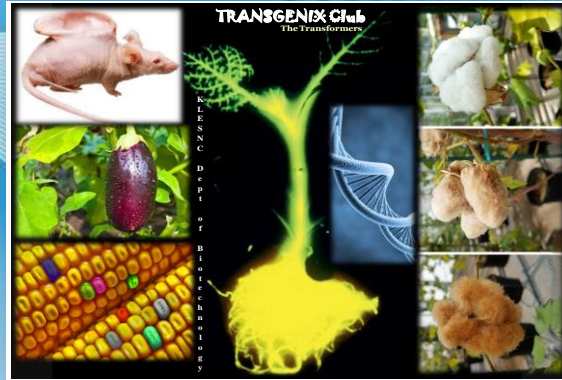
K.L.E . Society's S. NIJALINGAPPA COLLEGE

Re-accredited by NAAC at 'A⁺' Level with 3.53 CGPA
College with UGC STRIDE Component –I
IInd Block, Rajajinagar, Bengaluru-560010



Department of Biotechnology TRANSGENIX Club

The Transformers



Online Digital Platform Poster presentations - 2020

- ☀ *National Level Digital Poster Design Competition on Scientific Awareness on nCovid-19 (SARS-CoV-2)*
- ☀ *National Level Virtual Poster Competition 'Drawing Breath' —how might breath look if you could see it? On World Asthma Day 2020 - Awareness Week*
- ☀ *International Creative Poster Making Competition - Hand Made Posters on theme Biodiversity on World Environment Day - 2020*

ISBN: 978-93-5407-740-1

**Academic Compendium
Competitions - 2020**

K.L.E . Society's S. NIJALINGAPPA COLLEGE

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IInd Block, Rajajinagar, Bengaluru-560010

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Dr. Prthibha K. S.
Co-ordinator, Dept of Biotechnology

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Department of Biotechnology

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The Transformers

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- ❖ **Sri. Chandrashekarappa,** : Head, Department of Mathematics
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- ❖ **Miss. Sushmita R.** : Asst. Professor, Department of Botany

K.L.E . Society's

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Preface

Transgenix Club of Department of Biotechnology would be delighted to bring the **Compendium of Academic Poster Competitions-2020** held during lockdown period due to nCovid-19 pandemic. The faculty of Department of Biotechnology strives to build self confidence and motivation among students by organizing the academic activities during the lockdown period, to inculcate scientific thoughts and research culture among students. We are happy to bring this academic compendium of poster competitions held during May and June 2020. Following activities were conducted and outcomes were incorporated as best chosen posters for publishing in this compendium. We have invited all the **PU/ B.Sc. /M.Sc. Students (Life Science) and professionals from various colleges and institutions** to participate in all the above events to ignite scientific temper and create awareness among the students to maintain psychological well being and active participation during lockdown period in view of nCovid-19 pandemic.

National Level Online Digital Poster Design Competition was organized on 16th May 2020 on nCOVID-19 (SARS-CoV-2).

The new coronavirus, SARS-CoV-2, causes the respiratory disease COVID-19, which is spreading rapidly around the world and has infected tens of thousands of people worldwide. The virus, which emerged in the Chinese city of Wuhan in December, belongs to the same family as the pathogen that causes severe acute respiratory syndrome, or SARS. The Novel Coronavirus 2019, was first reported on in Wuhan, China in late December 2019. The outbreak was declared a public health emergency of international concern in January 2020 and on March 11th, 2020; the outbreak was declared a global pandemic. The spread of this virus is now global with lots of media attention. The virus has been named SARS-CoV-2 and the disease it causes has become known as Coronavirus disease 2019 (COVID-19). This new outbreak has been producing lots of hysteria and false truths being spread, however the data surrounding the biology, epidemiology, and clinical characteristics are growing daily, making this a moving target. Incubation period is 2–14 days (Median 5 to 6 days). The case fatality rate of COVID-19 is likely overinflated (As testing becomes more available and includes asymptomatic and mild cases, more realistic numbers will be available – i.e. as the exact denominator is unknown, it is unclear what the true rates of death are).

Global and Indian Scenario: Presidents Carlos Alvarado Quesada of Costa Rica and Sebastián Piñera of Chile joined the WHO Director-General Dr Tedros on 15th May to announce progress on a technology platform that aims to lift access barriers to effective vaccines, medicines and other health products against COVID-19. The platform, which will officially launch on 29th May, will pool data, knowledge and intellectual property for existing or new COVID-19 health products to deliver 'global public goods' for all people and all countries.

In order to create on Scientific Awareness on Covid-19 (SARS-CoV-2) a National Level Online Digital Poster Design Competition was organized on 16th May 2020; with various themes like Origin of Pandemic nCovid-19, Strategies for screening and treatment, Measures to limit Spread of Corona Virus, Impact of Covid-19 and Lockdown on Public, Vaccine or Cure for Covid-19 Worldwide, National health care policy for handling Covid-19.

World Asthma Day 2020 with theme 'Enough Asthma Death'

World Asthma Day is an annual event organized by the Global Initiative for Asthma (GINA) to improve asthma awareness and care around the world. The organisation works to increase perception about asthma disease among health professionals and public health authorities. Its aim is also to improve asthma prevention and management through a coordinated worldwide effort. World Asthma Day theme 2020 is celebrated on the first Tuesday of May month to raise awareness about asthma. Every year the day is celebrated with a specific theme and this year GINA fosters World Asthma Day 2020 to prevent asthma deaths. The World Asthma Day theme educates and raises awareness of the condition of patients in the hope of relieving suffering and reducing deaths due to diseases. The World Asthma Day 2020 theme is 'Enough Asthma Death' which signifies the importance of asthma awareness among people by showing the reports of death due to asthma disease. With the above context a Virtual Poster Competition called 'Drawing Breath' was organized on 17th May 2020, with a tag line -how might breath look if you could see it? during World Asthma Day Awareness Week, in View of nCovid-19 (SARS–CoV-2) Pandemic Awareness.

World Environment Day 2020 with theme 'Diversity to spread'

International Creative Poster Making Competition to demonstrate Creativity inclusive of Nature is an epitome of Biodiversity with a message of diversity to spread. This year Environment Day celebrated by making Bio-posters using Natural Materials like Twigs, Dry leaves, Straw, Grass & Sand Grains etc. On this occasion Hand Made Posters were contributed by various participants on theme Biodiversity on 4th June 2020 during World Environment Day – 2020.

We express a deep sense of gratitude to all the participants for their active participations in all the events organized and we acknowledge support from Principal Dr. Arunkumar B. Sonappanavar and KLE Management for their continued support for the successful conduct of the events.

Dr. Prathibha K.S.
Co-ordinator, Department of Biotechnology
Associate Editor



KLE Society's

S. Nijalingappa College



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College with UGC STRIDE Component -I

CONTENTS

International Creative Poster Making Competition – Celebrating Biodiversity in commemoration of World Environment Day			
Organized by Department of Biotechnology Transgenix Club, in Association with NSS			
Unit held on 6th June 2020.			
Sl. No.	Poster Code	Name of Student	College Name / Place
1	CBP_1	Amogh Sudarshan and Rekha Sudarshan	San Jose, California
2	CBP_2	Anum Parvez	Dubai, UAE
3	CBP_3	Daras Jeniffer T.	Sri Bhagwan Mahaveer Jain college (KGF)
4	CBP_4	Erum Parvez	Dubai, UAE
5	CBP_5	Gowrish K. J.	Mangalore University, Jnanakaveri P G Centre, Chikkaaluvara Kodagu
6	CBP_6	Hariharada Latha	Dept. of Botany, Davanagere University, Davanagere
7	CBP_7	Jayanth C. S.	3 rd Year B.Sc.Government science college, Chitradurga
8	CBP_8	Lavanya. G.	3 rd Year CBBt, Klesnc
9	CBP_9	Lavanya S.	Dairy Science College, Hebbal Bangalore
10	CBP_10	M. Mamatha	1 st M.Sc. Maharani Cluster University, Bengaluru.
11	CBP_11	Manaswini B. N.	B.Sc. 3 rd Year, MLA First Grade College For Women, Bengaluru.
12	CBP_12	Nandini J.	II M.Sc. Microbiology Maharani's Science College for women. Bangalore -01
13	CBP_13	Nayanashree K. P.	Siddaganga College Tumkur
14	CBP_14	Pavan N.	3 rd B.Sc. (CBMb), Government science college, Chitradurga
15	CBP_15	Prashantha D.	1 st M.Sc. Microbiology, Mangalore university, Jnana Kaveri P.G. Center Chikka Aluvara Kodagu
16	CBP_16	Priyanka R.	2 nd B.Sc. (BGB), Sri Bhagwan Mahaveer Jain college (KGF)

17	CBP_17	Saraswathi K. Menon	Cheshire Homes India, Bangalore Unit
18	CBP_18	Tharun Kumar N.	
19	CBP_19	Yogesh M. V.	University College of Science, Tumakuru. Guided by: Dr. Parimala B., HoD of Zoology Department, University college of science, Tumakuru

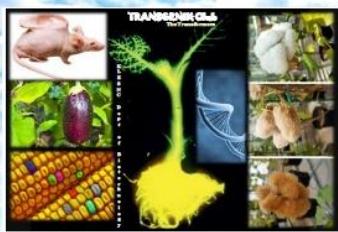
***CBP – Creative Biodiversity Poster**



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Department of Biotechnology

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The Transformers

Organizes

International Creative Poster Making Competition

Creativity inclusive of Nature is an epitome of Biodiversity - This Environment Day
Make Bio-posters using Natural Materials like Twigs, Dry leaves, Straw, Grass & Sand Grains etc
with a message of diversity to spread.

Hand Made Posters on theme Biodiversity

World Environment Day - 2020

Send your posters photo to us and inspire others to be part of it.

Outstanding participants will receive Awardees Certificates

Dr. Prathibha K. S.
HoD, Biotechnology

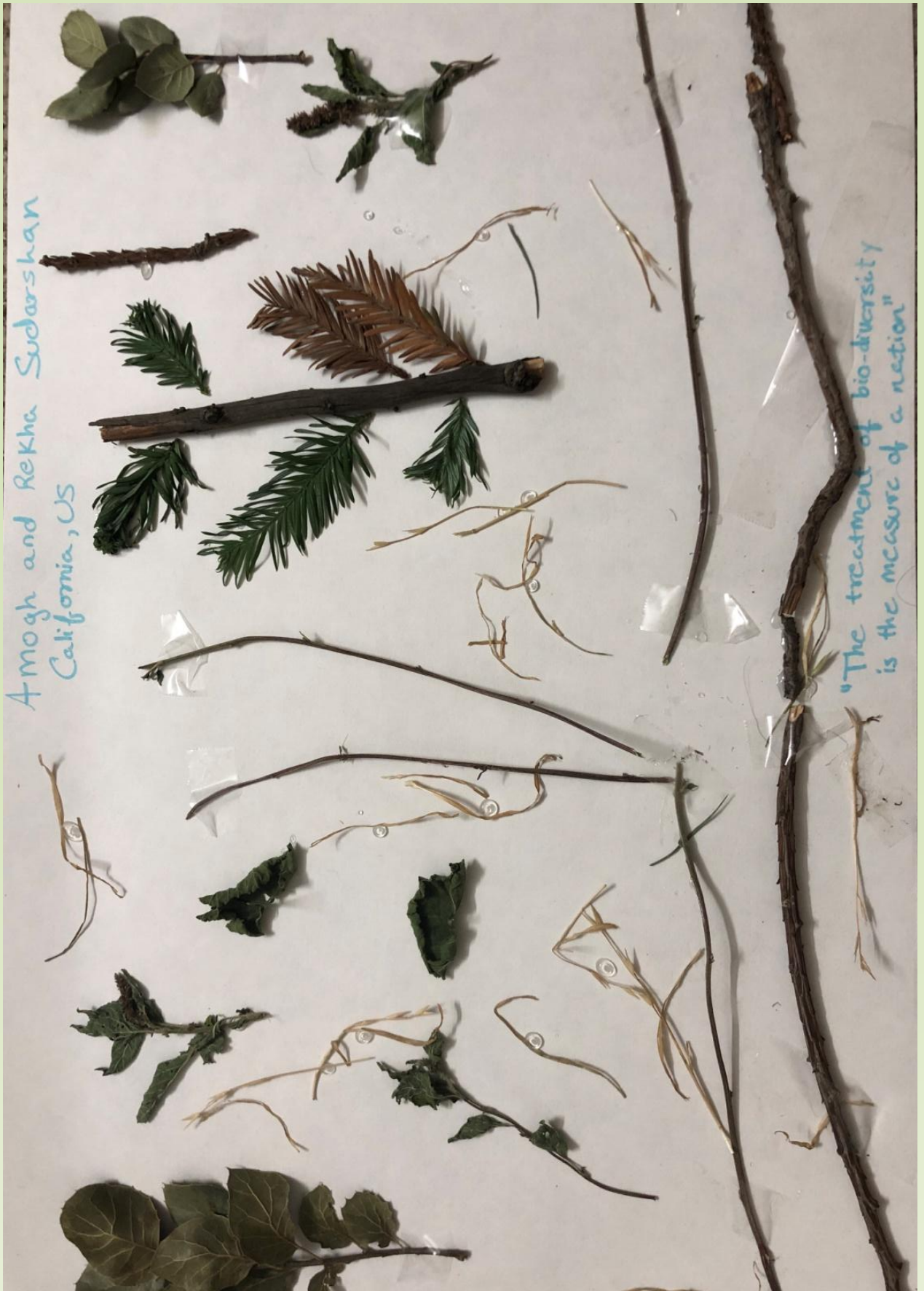
Dr. Arunkumar B. Sonappanavar
Principal

Last Date of submission 4th June 2020

Email: klesncdigiart@gmail.com

KLE Management, Principal, Heads of various Departments, faculty and Students
of KLESNC Request to maintain Social distance

All the participants will receive E-Certificates



Art by
Amogh Sudarshan and Rekha Sudarshan



Art by
Anum Parvez

Biodiversity



Our Solutions Are In

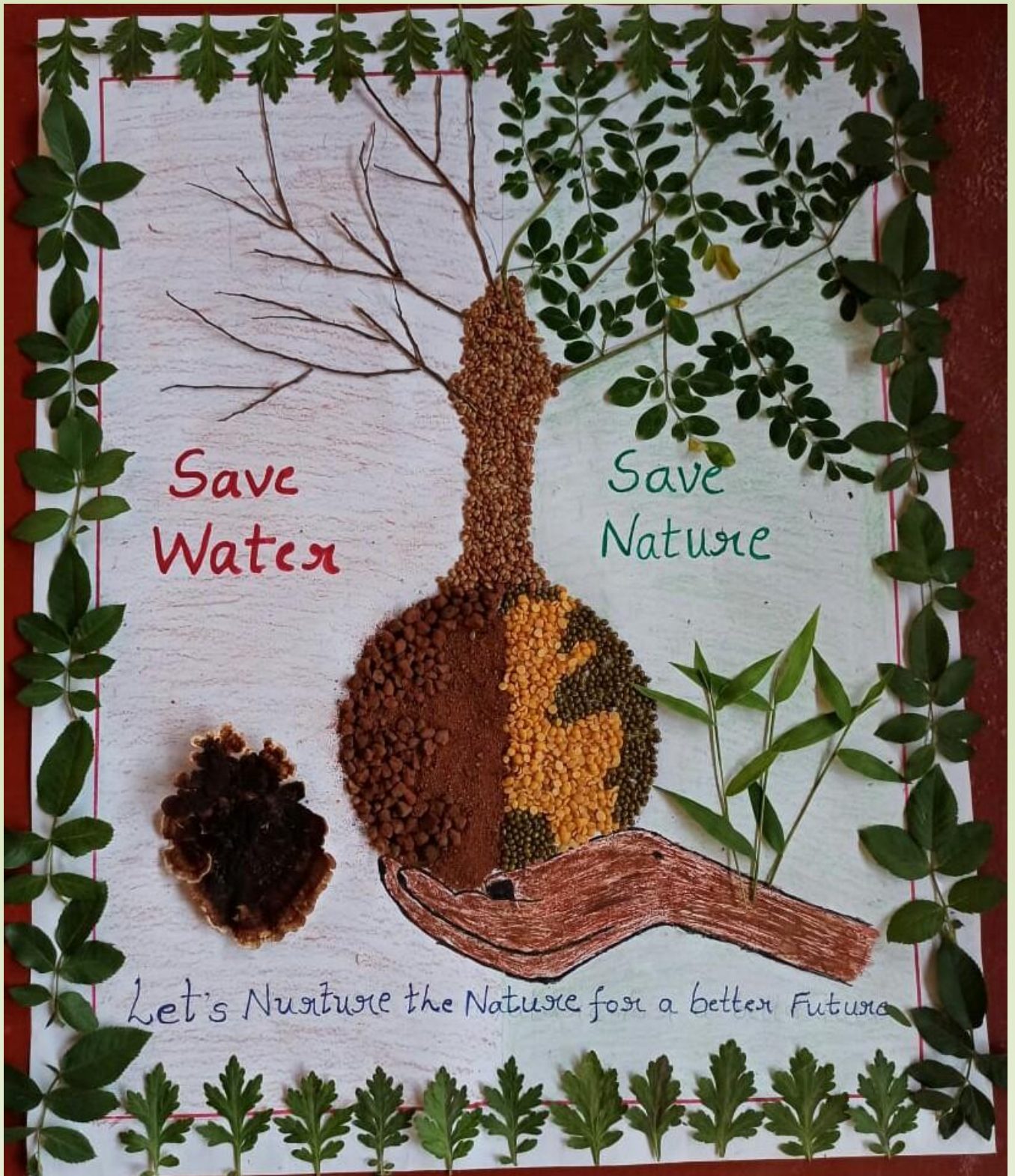
NATURE

Art by

Daras Jeniffer T.



Art by
Erum Parvez



Art by
Gowrish K. J.

DEPARTMENT OF BIOTECHNOLOGY WORLD ENVIRONMENT DAY -2020

LET'S NURTURE THE NATURE
SO WE CAN HAVE BETTER FUTURE

THEME : BIODIVERSITY



FROM
HARIBARADA LATBA
DEPT. OF BOTANY

Dr. Prathiba K.S.
HoD. Biotechnology



SAVE EARTH

Art by

Hariharada Latha

Before civilization the whole earth is full of Bio-Diversity. (Rich)
After civilization human is the only reason to destruction of Bio-Diversity

Jayanth C.S
Govt Science College
Chitradurga
Mob:- 8151019647



Art by
JAYANTH C.S.

Jayanth C.S
Govt Science College
Chitradurga
Rich



Art by
Lavanya. G.



Art by
Lavanya S.



Art by
Manaswini B.N.



Art by

Nandini J.



Art by
Nayanashree K.P.

BIODIVERSITY

POLLUTED EARTH

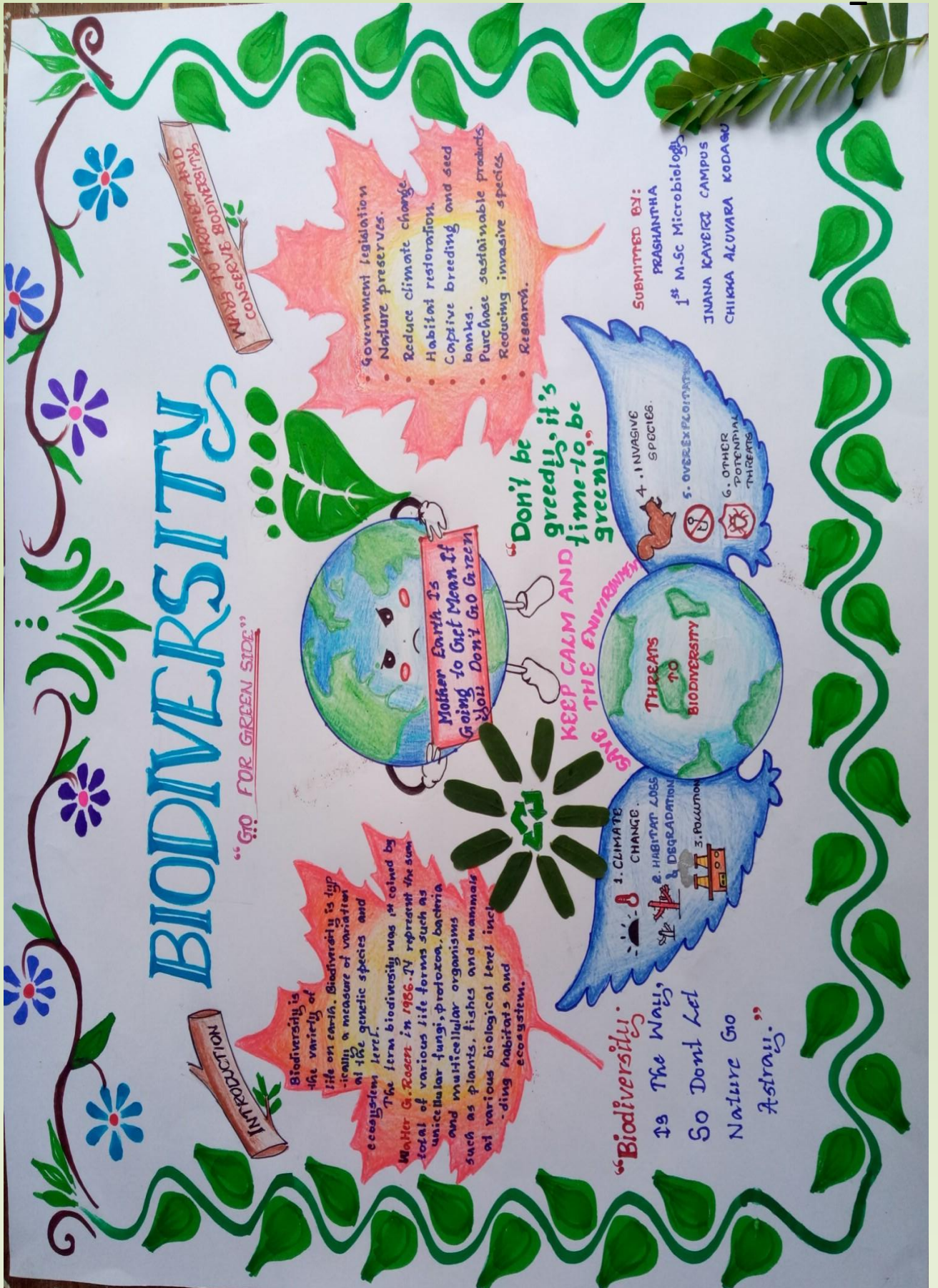


BIODIVERSITY RICH EARTH

FROM: PAVAN-N
GOVERNMENT SCIENCE COLLEGE
CHITRADURGA

Art by
Pavan N.

CS Scanned with CamScanner



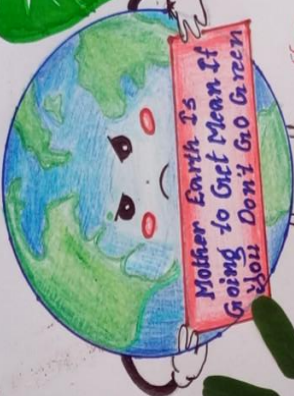
BIODIVERSITY

INTRODUCTION

Biodiversity is the variety of life on earth. Biodiversity is typically a measure of variation at the genetic species and ecosystem level.

The term biodiversity was coined by Walter G. Rosen in 1986. It represents the sum total of various life forms such as unicellular fungi, protozoa, bacteria and multicellular organisms such as plants, fishes and mammals at various biological level including habitats and ecosystem.

"GO FOR GREEN SIDE"



"Don't be greedy, it's time to be greeny."

KEEP CALM AND GIVE THE ENVIRONMENT A GREEN

- Government legislation
- Nature preserves.
- Reduce climate change.
- Habitat restoration.
- Captive breeding and seed banks.
- Purchase sustainable products.
- Reducing invasive species.
- Research.

"Biodiversity is The Way, So Don't Let Nature Go Astray."

- THREATS TO BIODIVERSITY**
1. CLIMATE CHANGE
 2. HABITAT LOSS & DEGRADATION
 3. POLLUTION

4. INVASIVE SPECIES
5. OVER-EXPLOITATION
6. OTHER POTENTIAL THREATS

SUBMITTED BY:
PRASHANTHA
 1st M-Sc Microbiology
 JNANA KAVERI CAMPUS
 CHIKKA ALUVARA KODAGU

Art by Prashantha D.

World Environment Day



Art by
Priyanka R.



SHOT ON OPPO

Art by
Saraswathi K. Menon



Art by

Tharunkumar N.



Art by
Yogesh M .V.

K.L.E . Society's S. NIJALINGAPPA COLLEGE

Department of Biotechnology
TRANSGENIX Club

The Transformers

Editors Desk



Dr. Arunkumar B. Sonappanavar
Principal

This academic compendium will be the first to hold an e-poster (Digital/ Virtual) only format for all the poster presentations. For the young minds, we have a unique quiz sessions organized for the first time in the department which witnessed participation from attendees various parts of India and abroad which is one of the major event highlights. The events organized provided a common platform for members to share ideas and keep abreast with the latest developments happening around the globe. The rich academic activity would facilitate students to learn the intricate nuances of the field and gain first-hand knowledge. In conclusion, I would share a quote by Madam Curie that inspires all of us till date. "Nothing in life is to be feared, it is only to be understood. Now is the time to understand more, so that we may fear less". I wish great success for the department of Biotechnology for future endeavours to conduct various scientific events and create platform for budding research scholars, faculty and students.



Dr. Prathibha K. S.
Co-ordinator, Dept of Biotechnology

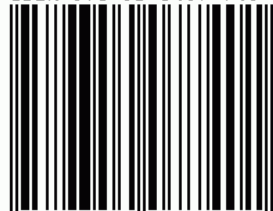
It is with great pleasure that I present to you the first edition of academic compendium competitions 2020. The Department of biotechnology has expanded to its horizon for the conduct of academic events. Having hosted various academic competitions, it is a matter of immense pride for all of us to host many events like Poster design and quiz competitions. We invited online digital posters from over 90 student and professional delegates; the scientific program is guaranteed to keep you on your toes. This academic compendium underwent rigorous reviewing and selection by the editorial committee. A total of 83 posters have been accepted which include 57 posters on nCovid-19, 07 posters on World Asthma Awareness and 19 posters on World Environment Day Awareness. I thank KLE management and Principal for their encouragement in bringing this academic compendium.



Mr. Rajeev R. Potadar
Asst. Professor.
Dept of Biotechnology

This academic compendium attracts scientific contributions in the form of posters from the plethora of participants from various background. I thank Principal, Head, Department of Biotechnology and Almighty for the giving an opportunity to serve institution and society for the benefit of students, faculty and scientific fraternity.

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