

# P.K.M. COLLEGE OF EDUCATION, MADAMPAM

## BHOOMITHRASENA ACTIVITIES 2020 -2021

- **WORLD ENVIRONMENT DAY**

**P K M COLLEGE OF EDUCATION MADAMPAM KANNUR**  
 Accredited by NAAC with 'A' Grade (Second Cycle -4 Point Scale)  
 RUSA 2.0 Beneficiary, UGC 2(f) 12 (B)






ജൂൺ 5 ലോക പരിസ്ഥിതി ദിനം

“Time of Nature”





നിങ്ങൾ ചെയ്യേണ്ടത്

1. **P.K.M Tree Challenge:** നിങ്ങളുടെ വീട്ടുപാമ്പിൽ ഒരു മരത്തെ നടന്നതിന്റെ ഹോട്ടോ എടുത്ത് അയച്ചുതരിക.
2. മനുഷ്യന്റെയും മറ്റു ജീവജാലങ്ങളുടെയും നിലനിൽപ്പിനും വളർച്ചയ്ക്കും ആവശ്യമായ ഘടകങ്ങൾ നൽകുന്നതിലുള്ള പ്രകൃതിയുടെ പങ്കും എന്ന വിഷയത്തെ അടിസ്ഥാനമാക്കി A4 ഷീറ്റിൽ ഒരു പേജിൽ ഉൾക്കൊള്ളുന്ന രീതിയിൽ എഴുതി സ്കാൻ ചെയ്ത് അയച്ചുതരിക.
3. നിങ്ങളുടെ പരിസരത്തുള്ള സ്കൂൾവിദ്യാർത്ഥികളെ പങ്കെടുപ്പിച്ചുകൊണ്ട് അവർക്ക് ജൈവവൈവിധ്യത്തിന്റെ പ്രാധാന്യം മനസ്സിലാക്കിക്കൊടുക്കുവാൻ സഹായകരമായ ഒരു പ്രവർത്തനം ആവീഷ് കരിച്ചിട്ട് നടപ്പിലാക്കുന്ന വീഡിയോ തയ്യാറാക്കി അയയ്ക്കുക  
(വീഡിയോ സമയം 3 മിനുട്ടിനും 5 മിനുട്ടിനുമിടയിലായിരിക്കണം)

ലഭിക്കേണ്ട അവസാന തീയതി : 2020 ജൂൺ 7 രാത്രി 8 മണി

NB : മൂന്ന് മത്സര ഇനങ്ങളിലും പങ്കെടുക്കുന്ന രണ്ടു പേർക്ക് സമ്മാനം നൽകുന്നതാണ്. എല്ലാ അധ്യാപ വിദ്യാർത്ഥികളും 2 ഇനങ്ങളിലെങ്കിലും പങ്കെടുക്കേണ്ടതാണ്.



മിസ്. ജോമോൾ ജോസ്  
കൺവീനർ

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എസ്,



ജോണി മാത്യു  
പ്രോഗ്രാം കോ-ഓഡിനേറ്റർ

World environment day is celebrated on 5<sup>th</sup> June every year and is the United Nations principle vehicle for encouraging awareness and action for the protection of the environment. The environment that we live in is very important not only for our health but also for our survival, so there is a huge need for us to protect it. We would not be able to survive if we do not have clean air and water and land to live on. The theme for World Environment Day 2020

is “Time for Nature” with a focus on its role in providing the essential infrastructure that supports life on earth and human development.

On 5<sup>th</sup> June 2020 World Environment Day, P.K.M College of Education had conducted various activities to transact the theme “Time for Nature” among our students.

### **P.K.M TREE CHALLENGE**

Conducted a competition on planting saplings at home. Many students participated enthusiastically in the competition and sent their photographs of planting saplings at their homes. This programme conveyed the message conservation of nature among the students.





## **ARTICLE COMPETITION**

Conducted an article competition on the topic “Role of environment in providing materials required for the sustainable development of different organisms and human beings” in an A4 sheet. This activity stressed and conveyed the importance of our environment in providing sustainable development. Many students participated and sent their articles in different names such as Nature and human being, Karuthalode, Kaikorkkam pachappinayi, Thulanam, Prakrithipadham, Eniyumethranal, Jeevadhayini etc. in these articles students were stressed the significance of our environment and its role in sustainable development, importance of ecosystem, existing environmental issues, need of conservation of environment, over exploitation of our resources etc.

## INNOVATIVE AWARENESS ACTIVITY

We had conducted a competition on the organization & execution of an innovative activity for nearby school students to convey the importance of biodiversity to them. Many students were participated and sent their videos of this activity.

## ONLINE ENVIRONMENT QUIZ

An online quiz was organized by PKM College of Education for the B.Ed. students. The quiz was conducted by giving a web link for 20 minutes on June 5<sup>th</sup>. The quiz was contained 15 questions related to environment and its conservation. Many students were participated in the online quiz and Jain James, Anuhridya O, Anitha P, and Haritha P.C. A are the winners of the quiz competition.

**P.K.M COLLEGE OF EDUCATION  
MADAMPAM, KANNUR**

Govt. Aided College of Teacher Education Affiliated to Kannur University Recognized by NCTE,  
Listed Under UGC (2f) & 12(b) Category Accredited by NAAC with 'A' Grade (Second cycle),  
RUSA 2.0 Beneficiary

**World Environment Day**  
5th June 2020  
"Time of Nature"

**Online  
Environment  
Quiz**

Online Quiz link will be  
available at Bhoomithrasena  
Whatsapp group on 5th June  
at 9am

Organized by Bhoomithrasena Club  
& Department of Natural Science

Mrs. Jomol Jose  
Staff Co ordinator

Student Co ordinators

## • WEBINAR “TIME FOR NATURE”

**P K M COLLEGE OF EDUCATION MADAMPAM KANNUR**  
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IN ASSOCIATION WITH  
**SEEK** (Society For Environmental Education in Kerala)

**WEBINAR ON**  
**TIME FOR NATURE**

on 26<sup>th</sup> June 2020 11 am

zoom

**Inauguration**  
  
**Dr. John C Mathew**  
Environment Programme Manager  
Directorate of Environment and  
Climate Change

**RESOURCE PERSON**  
  
**Dr. MANOJ K.**  
H.O.D  
Kannur University  
Dept. of Environmental Studies

**Welcome Speech : Mrs. JOMOL JOSE**  
Asst. Prof. in Natural Science  
P.K.M.College of Education

**Presidential Address : Dr. JESSY N.C**  
Principal P.K.M. College  
of Education

**Vote of Thanks : Miss. Bency Scaria**  
Student Co-ordinator

**Technical Support**  
Sr. Christeena & Joby Mathew

REACH US: 8281531744

Organised by Dept. of Natural Science, Bhoomithrasena & I.Q.A.C in association with SEEK

Link for Registration : [https:// froms.gle/wRfcJGWwCHre 5 FHu 5](https://froms.gle/wRfcJGWwCHre5FHu5)

Nature is essential to our lives from the food on our plates to the clothes we wear, from medicines to mental health benefits. The UN declared theme for the World Environment day 2020 is Biodiversity Conservation. It is the need of the hour. Due to the COVID 19 pandemic situation we used online digital platform for conducting a webinar in the same. Dept. of Natural Science, Bhoomithrasena, IQAC, PKM College of Education in association with SEEK (Society for Environmental Education in Kerala) has conducted a webinar on “Time for Nature” on 26<sup>th</sup> June 2020 at 11 am. The inaugural session was started at 11: 30 am. A total of 50 people were participated in the session. The participants included B.Ed. students, teachers etc.

### INAUGURAL SESSION

The welcome speech was delivered by Mrs Jomol Jose, Asst. Professor in Natural Science, PKM College of Education. The session was presided by Dr. Jessy N.C, Principal, PKM College of Education. Respected principal Dr. Jessy N.C. delivered the presidential address. Then the chief guest Dr. John C. Mathew, Environment Programme Manager, Directorate of Environment & Climate Change Govt. of Kerala inaugurated the webinar. He also appreciated PKM College of Education for the initiative. Later Environmental Officer Sreeja Raj and Asst. Environmental officer Tom Augustine were explained about the different schemes offered for schools and colleges such as Paristhithikam, Workshops,

Training programmes, Day observance etc. under Kerala Directorate of Environment and Climate Change. This was a wonderful experience for all.





## TECHNICAL SESSION & RESOURCE PERSON

After the inaugural address the technical session was started by our resource person Dr. Manoj K., HOD, Environmental Studies, Kannur University. He was delivered a wonderful and excellent theme presentation on the need of Biodiversity Conservation. Human beings use the nature for his life but he still mistreats the nature. Biodiversity is the foundation that supports all life on land and below water. He explained about different types of diversity such as genetic diversity, species diversity, ecosystem diversity, mega diversity countries etc. Later he explained about the values of biodiversity such as food value, medicine value, fuel value, fibre, productive use value (timber value, fishery value, bio fertilizers etc.), ecosystem service value etc. Later he explained about the threats to biodiversity, different pollutions and the need for conservation of biodiversity. He said everyone should work together to protect the nature that support's us all.

Student coordinator Jain James anchored throughout the programme. Student coordinator Bency Scaria was delivered vote of thanks for the function. The session was ended at 12: 45 pm. Later a feedback form was given for all participants. The e- certificate were distributed later.

## • **WORLD HABITAT DAY OBSERVANCE**

### **HOUSING FOR ALL: A BETTER URBAN FUTURE**

#### **THEME PAPER PRESENTATIONS**

On 5<sup>th</sup> October 2020 as a part of the celebration of World Habitat Day in association with Social Entrepreneurship, Swachhata & Rural Engagement Cell, Department of Natural science and Boomithrasena club of PKM College of Education, Madampam has organised a theme paper presentation on the topic “Housing for all: a better urban future” on the Microsoft teams platform. The program began at 2 pm. Ms Jain James was anchored the program. The program started with a prayer by Ms. Sweetymol Shaji. The welcome speech was delivered by Ms Haritha P. C. the presidential address was delivered by Dr. Sr. Jessy N C, Principal of PKM College of Education, Madampam. Through her presidential address, she explained the significance of celebrating such days. She also spoke about the importance of habitat protection. The felicitation to the program was delivered by Mrs Jomol Jose, Assistant professor Department of Natural Science, and the program coordinator.





Later the paper presentation session was started. The first presentation was done by Ms. Anjali Varghese, department of Mathematics on the topic “Housing for all for a better urban future”. Through her presentation, she elaborately explained the importance of protecting the habitat. Also explained why we need a sustainable development. The presentation ended with discussion about the topic. The second presentation was done by Mr Jomal Jose, Department of English on the topic “Habitat loss driving up human- elephant conflict in Kerala”. He explained the topic habitat destruction in the context of problems in Kerala. He explained the topic with the number of destructed habitats of elephant in Kerala. The reason of habitat destruction were presented and the ways to protect the habitat also explained by him. The presentation ended with discussion.

The third presentation topic was “Restoring ecology” which is taken by Ms. Anuhridya O, Department of Natural Science. In her presentation, she elaborately explained how to restore an ecosystem or habitat. The elaborated and informative sessions ended with a discussion. Ms. Sayona Jose, Department of Malayalam done by the fourth presentation on the topic “Habitat significance”. It was very informative session in which she explained in detail about what is habitat, the purpose of protecting the habitat. The presentation winded up with a discussion on the topic.

Fr. Abin Jose department of physical science done the fifth and last presentation on the topic “habitat changes in the context of Covid 19”. The destruction of habitat resulted in the loss of habitats of infectious agents like viruses, bacteria etc. Thus they started to infect humans. He explained that if the natural balance of ecosystem got disturbed, it will lead to infectious diseases. He concluded that, during this pandemic condition we need to think about protecting the habitats. The presentation concluded with discussion.

After the presentations Ms Amrutha K, Department of Natural sciences made the programme very beautiful with her sweet voice. Ms Vinaya P P, Department of Physical sciences , convenor of Bhoomitrasena club delivered vote of thanks to the program. The program winded up with the vote of thanks. The program was so informative and provide awareness about conservation of habitat.

## **1. IDENTIFY HABITAT- COMPETITION**

Conducted identify habitat competition for the B.Ed students. In this competition given instructions to identify the habitat of one animal or plant and observe, find out the characteristics and peculiarities of its habitat. Send the findings of the habitat with photo. This competition was conducted to inculcate observation skills and research attitude, natural consciousness etc. Many students were participated in the programme and the first place was won by Anuhridhya O (Natural Sciences).



## 2. PHOTOGRAPHY COMPETITION

Conducted a photography competition on the theme Natural habitat- My Home , for the B.Ed students. This competition held to promote natural consciousness and to appreciate and value biodiversity and the nature. Many students were participated in the competition and the first place was won by Abin Jose (Physical sciences).





## • SANITIZER PREPARATION AND DISTRIBUTION

Boomitrasena of PKM College of Education, Madampam conducted a sanitizer preparation programme on 12<sup>th</sup> march 2021 from 10 AM to 2PM. It was one of the programmes organized during the academic year 2020- 2021. Sanitizer preparation was guided by Mrs Jomol Jose, Assistant professor of Natural Science Department. First year students Anulakshmi P, Kavya V and Lumitha Bai participated in preparation process.

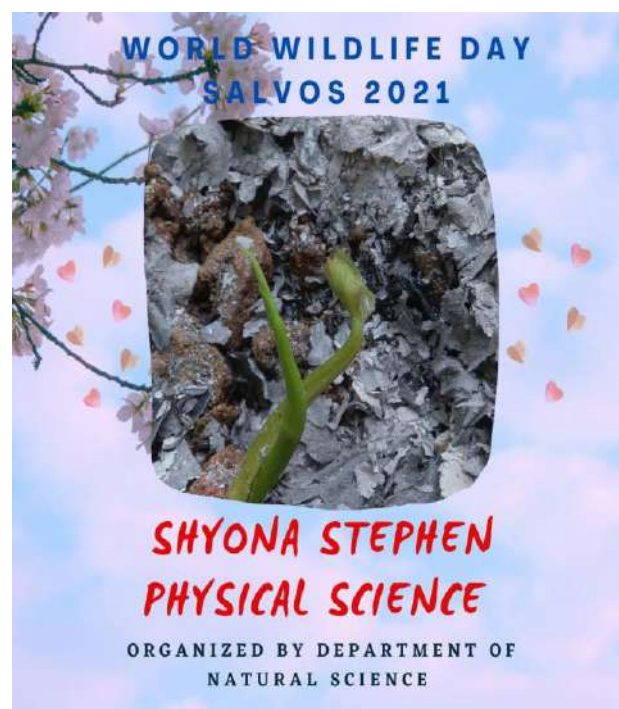
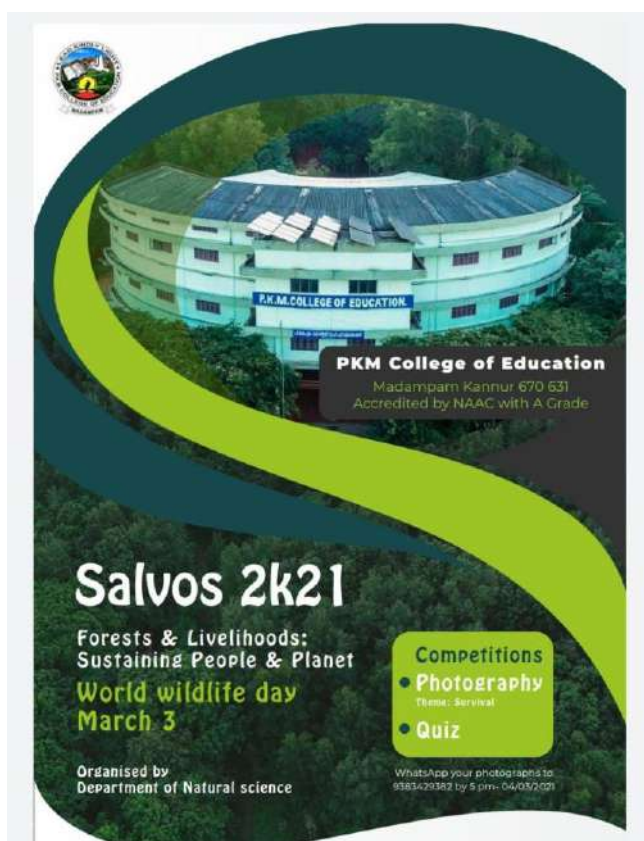
Distilled water, Isopropyl alcohol, glycerine and hydrogen peroxide were the ingredients of sanitizer. Measuring cylinders, bottles (100 ml), conical flasks, beakers and burette were the main equipments used for sanitizer preparation. Total of 5000 ml (5l) of sanitizer was prepared and stored in 50 bottles. For 5000 ml, 961.5 ml of distilled water, 3750 ml isopropyl alcohol, 208.5 ml hydrogen peroxide and 72.5 ml glycerine were added and stirred well. Five to six drops of essential oil was added for smell and poured it in 50 bottles of 100 ml size. All bottles were fully labelled. These 50 bottles of sanitizers were stored for

3days before use to ensure that no contaminants remain in the bottle. Sanitizer preparation and production is one of the initiative took by Boomitrasena of PKM College of Education in the current pandemic situation. Local production of standard sanitizer making is a very informative activity to teach students how to make and use it. Later distributed sanitizers among the auto drivers near to the college that is in Thumbeny and Madampam junctions. They appreciated our team.



## • WORLD WILDLIFE DAY CELEBRATION

As part of World Wildlife Day on March 3, the Department of Natural Science and Bhoomithrasena of PKM College of Education conducted a programme 'SALVOS 2K21'. UN declared the theme of World Wildlife Day 2021 as 'Forests and Livelihoods: Sustaining People and Planet'. To show the importance of Wildlife and to create awareness on conserving Wildlife was the motto behind the celebration. Due to the current pandemic situation, offline celebration was not practical so the programme was conducted through online mode. SALVOS 2K21 comprised of two competitions for the first year B.Ed. students of our college. An online Quiz Competition and a Photography Competition. The quiz programme was held in a new platform called 'Mentimeter'. 28 Students from various departments participated in the quiz. There were 2 sets of 5 questions each. Anusree M. from Mathematics optional won the first prize. Athira Shaji from Social Science and Aswathi N.V. from Physical Science shared the second and third prize. The Second Programme was Photography Competition. Theme of the competition was 'SURVIVAL'. All total 16 entries participated in the competition, among them Shyona Stephen from physical Science optional was the winner. The SALVOS 2K21 programme was highly thought provoking and entertaining, which became more effective by the active participation of the students



In the academic year 2020 -2021 most of the classes were online. This year was a new experience for students, teachers and other staffs. During this COVID pandemic situation we had conducted different innovative and unique activities by utilizing the possibilities of online platforms. We conducted Environment day, Habitat day, Webinar, different competitions, sanitizer preparation and distribution etc. We submit this report for further verifications.

Jomol Jose

PRINCIPAL

FIC

Bhoomithrasena