

**Mannar Thirumalai Naicker College  
(Autonomous)  
Pasumalai, Madurai**

**The Eco-Club Activities  
(2020-2021)**

**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)  
Pasumalai, Madurai-625004.**

**ECO CLUB**

**Biodiversity: Life Insurance for our Changing World**

- Date : 9<sup>th</sup> October 2021
- Welcome Address : **Dr. V.P. Rathi**  
Convener – ECO Club  
Mannar Thirumalai Naicker College, Madurai-04.
- Presidential Address : **Dr. B. Manoharan**  
Principal  
Mannar Thirumalai Naicker College, Madurai-04.
- Introducing the Chief Guest : **C. Malathi Priya**  
III B.A., English Literature  
Mannar Thirumalai Naicker College, Madurai-04
- Resource Person : Dr. M. Rajesh  
Assistant Professor of Zoology  
The American College, Madurai
- Vote of Thanks : **M. Narmada**  
I B.A., English Literature  
Mannar Thirumalai Naicker College, Madurai-04.

**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)  
Pasumalai, Madurai-625004.**

**ECO CLUB  
Biodiversity: Life Insurance for our Changing World**

The Eco-Club of Mannar Thirumalai Naicker College (Autonomous), Pasumalai, Madurai organizes a National Webinar entitled, “Biodiversity: Life Insurance for our Changing World” on 26<sup>th</sup> May 2021 through an online platform. Mr. M. Rajesh, Assistant Professor of Zoology, The American College, Madurai is the Resource Person. Dr. V. P. Rathi, Assistant Professor of English & Eco Club In-Charge delivered the Welcome Address. Dr. B. Manoharan, the Principal presided over the meeting. Dr. N. Elango, Associate Professor & Head and Dr. A. Ramasubbiah, IQAC Coordinator and Assistant Professor of English felicitated the gathering. Ms. C. Malathi Priya of III B.A., English introduced the Chief Guest. M. Narmada of III B.A. English Literature proposed Vote of Thanks.

link: <https://youtu.be/DAnvJZRHF-0>



YouTube Search


plants 290,000  
 algae 23,000  
 fungi 66,000  
 monera (bacteria and similar forms) 4,000  
 viruses 1,000  
 other animals 280,000  
 insects 740,000

Biodiversity National Webinar 2021  
 261 views · May 26, 2021

https://www.youtube.com/watch?v=wla3eVngol UGAM

**Invitation**

**Mannar Thirumalai Naicker College**  
 (Autonomous)  
 Pasumalai, Madurai



**ECO CLUB**

*Cordially Invites you to the*

**BUTTERFLY WALK AND COUNT**

**9 October 2021**  
**11:30 am to 12:30 pm**

*Inaugurated by*  
**Mr. M. Vijayaraghavan, The Secretary**

*Presided by*  
**Dr. B. Manoharan, The Principal**

*Patron*  
**Mr. S. Rajagopal, The President**



**Resource Person**  
**Mr. M. Rajesh**  
 Assistant Professor of Zoology  
 The American College, Madurai

**Eco Club Convenor**  
**Dr. V. P. Rathi**  
 Assistant Professor of English





Mannar Thirumalai Naicker College (Autonomous),  
Pasumalai, Madurai-625004

(Founded by Tamilnadu Naidu Mahajana Sangam, Re-accredited with A Grade by NAAC)

**Biodiversity National Webinar 2021**

This is to certify that **Shivanand Payamalle** Assistant Professor  
KLE Society's G H College Haveri has participated in the National Webinar 2021 entitled  
"Biodiversity: Life Insurance for Our Changing World" organised by the Eco-Club of  
Mannar Thirumalai Naicker College (Autonomous), Pasumalai, Madurai on 26th May  
2021.

**Dr. V. P. Rathi**  
Assistant Professor of English  
Organising Secretary

**Dr. B. Manoharan**  
Principal

Made for free with Certify'em

## பல்லுயிர் பாதுகாப்பு விழிப்புணர்வு அவசியம்

மதுரை, மே 28 -  
மதுரை மன்னர் திரு  
மலை நாயக்கர் கல்லூரி  
யில் சுற்றுச்சூழல் சங்கம்  
சார்பில் உலக பல்லுயிர்  
தின தேசிய கருத்தரங்கு  
இணையவழியில் நடந்  
தது.

முதல்வர் மனோகரன்  
துவக்கினார். பேராசி  
ரியை ரதி வரவேற்றார்.  
அமெரிக்கன் கல்லூரி  
பேராசிரியர் ராஜேஷ் பேசி  
யதாவது: இயற்கையை  
சமன்படுத்தும் பல்லுயிரி  
கள் சார்ந்தே மனிதனின்  
அனைத்து தேவைகளும்  
உள்ளன. இவற்றை பாது

காக்காவிட்டால் நோய்  
தாக்குதல் உள்ளிட்ட பல  
அழிவுகளை உலகம் சந்  
திக்கும். ஆக்சிஜன் அதிக  
மாக வெளியிடும் அரசு,  
ஆல, புங்கை, மூங்கில்,  
வேப்ப மரங்களை அதி  
கம் வளர்க்க வேண்டும்.  
இவற்றை வாகன போக்  
குவரத்து அதிகம் உள்ள  
இடங்களில் வளர்த்தால்  
காற்று மாசு குறையும்,  
என்றார்.

கல்லூரி தலைவர் ராஜ  
கோபால், செயலாளர் விஜ  
யராகவன், பேராசிரியர்கள்  
ராமசுப்பு, இளங்கோ உள்  
ளிட்டோர் பங்கேற்றனர்.

The news about the Webinar was published in *The Dinamalar* on 29<sup>th</sup> May 2021

**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)**  
**Pasumalai, Madurai-625004.**

**ECO CLUB**

**“Butterfly Walk and Count”**

Date	:	9 <sup>th</sup> October 2021
Welcome Address	:	<b>Dr. V.P. Rathi</b> Convener – ECO Club Mannar Thirumalai Naicker College, Madurai-04.
Presidential Address	:	<b>Dr. B. Manoharan</b> Principal Mannar Thirumalai Naicker College, Madurai-04.
Resource Person	:	Dr. M. Rajesh Assistant Professor of Zoology The American College, Madurai
Vote of Thanks	:	<b>R.R.S. Ashwin</b> I B.A., English Mannar Thirumalai Naicker College, Madurai-04.

The Eco-Club of Mannar Thirumalai Naicker College (Autonomous), Pasumalai, Madurai organized **“Butterfly Walk and Count”** on 9<sup>th</sup> October 2021 on the college Campus. Mr. M. Rajesh, Assistant Professor of Zoology, The American College, Madurai is the Resource Person. Dr. V. P. Rathi, Assistant Professor of English & Eco Club In-Charge delivered the Welcome Address. Dr. B. Manoharan, the Principal presided over the meeting. R.R.S. Ashwin of I B.A. English Literature proposed Vote of Thanks.

# Mannar Thirumalai Naicker College

(Autonomous)

Pasumalai, Madurai



## ECO CLUB

*Cordially Invites you to the*

### **BUTTERFLY WALK AND COUNT**

**9 OCTOBER 2021**

**11:30 am to 12:30 pm**

*Inaugurated by*

**Mr. M. Vijayaraghavan, The Secretary**

*Presided by*

**Dr. B. Manoharan, The Principal**

*Patron*

**Mr.S.Rajagopal, The President**



**Resource Person**

**Mr. M.Rajesh**

Assistant Professor of Zoology  
The American College, Madurai

**Convenor**

**Dr. V.P.Rathi**

**Eco Club in-charge**  
**Assistant Professor of English**

## **AVIAN AND BUTTERFLIES DIVERSITY IN MANNAR THIRUMALAI NAICKER COLLEGE CAMPUS, MADURAI**

Birds are among the best monitors of environmental changes and play an important role in the control of insect of pests, as predators of rodents, scavengers, seed dispersers and as pollinating agents and thus form an important component in natural ecosystem. Birds also act as good environmental indicators revealing the state of the ecosystem such as forest edges, wetlands and major river basins. Avian community composition and species richness is associated with biotic (habitat structure) as well as with abiotic factors such as temperature and precipitation. A bird has been described as a ‘feathered biped’. Birds are warm blooded, arboreal, and flying creatures with forelimbs adapted for flight and hind limbs for perching. Birds belong to the subphylum vertebrata and phylum chordate. The following

S. No	Common name	Scientific name	Vernacular name	Family
1	Indian palm swift	<i>Cypsiurus balasiensis</i>	சின்ன உழுவரான்	Apodidae
2	House crow	<i>Corvus splendens</i>	காக்கை	Corvidae
3	Purple sunbird	<i>Cinnyris asiaticus</i>	தேன்சிட்டூ	<i>Nectariniidae</i>
4	Rose ringed parakeet	<i>Psittaculakrameri</i>	பைங்கிளி	<i>Psittaculidae</i>
5	Blue tailed bee eater	<i>Merops philippinus</i>	நீலவால் பஞ்சுருட்டான்	Meropidae
6	Common myna	<i>Acridotheres tristis</i>	மைனா	Sturnidae
7	Black drongo	<i>Dicrurus macrocercus</i>	கரிச்சான்	Dicruridae
8	Yellow billed babbler	<i>Turdoides affinis</i>	பூனைகுருவி	Leiothrichidae
9	Asian koel	<i>Eudynamis scolopaceus</i>	குயில்	Cuculidae
10	Rufoustreepie	<i>Dendrocitta vagabunda</i>	வால்காக்கை	Corvidae
11	Rock pigeon	<i>Columba livia</i>	மாடப் புறா	Columbidae
12	Asian openbill	<i>Anastomus oscitans</i>	நத்தைக் கொத்தி நாரை	Ciconiidae

Butterflies are valuable pollinators because they move from plant to plant to gather nectar and also play one of the important roles in food chain components of the birds, reptiles, spider and other predatory insects. Butterflies are also known as herbivores or the 1<sup>st</sup> consumers in the food chain.

Butterflies are valued components of grassland ecosystem both for their aesthetic nature and because of the ecosystem services. They accomplish pollination, a key stone ecological process in natural sustainability throughout the world. Butterflies are cold invertebrates. Butterflies have typical four stages life cycle winged adults lay eggs on food plants. Their larvae known as caterpillars will feed on food plants.

Some butterflies especially in tropical areas have several generations in a year, while others have a single generation and a few in cold areas may take several years to pass through entire lifecycle. Butterflies often polymorphic, many species make use of camouflage, mimicry and aposematism to escape from their predators, some butterflies like monarch and painted lady migrated over long distances.

They visit to different flowers depend on factors like floral colour, shape and size, position and arrangement in the inflorescences. Butterflies are diurnal insects which typically have a slender body with knobbed antennae broad and colorful wings they are different from moths that are nocturnal insects with stout body and feathery antennae. They serve as an indispensable links in the food web in many ecosystem they inhabit. The following butterflies are found in Mannar Thirumalai Naicker College, Madurai.



S. No	Common name	Scientific name	Vernacular name	Family
1	Common emigrant	<i>Catopsiliapamona</i>	கொன்னைவெள்ளையன்	Pieridae
2	Small grass yellow	<i>Euremabrigitta</i>	மஞ்சளாத்தி	Pieridae
3	Cerulean	<i>Jamidesceleno</i>	புங்க நீலன்	Lycaenidae
4	Tiny grass blue	<i>Zizulahylax</i>	சின்னபுங்க நீலன்	Lycaenidae
5	Plain tiger	<i>Danaus chrysippus</i>	மஞ்சள் புலி	Nymphalidae
6	Common crow	<i>Euploea core</i>	அரளிவிரும்பி	Nymphalidae
7	Evening brown	<i>Melanitisleda</i>	அந்தி சிறகன்	Nymphalidae
8	Common mormon	<i>Papiliopolytes</i>	கறிவேப்பலை அழகன்	Papilionidae
9	Indian sunbeam	<i>Curetisthetis</i>	கதிரவன்	Lycaenidae
10	Rice swift butterfly	<i>Borbocinnara</i>	அரிசி வேகத்துள்ளி	Hesperiidae
11	Tailed jay	<i>Graphiumagamemnon</i>	மரகத அழகி	Papilionidae











**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)  
Pasumalai, Madurai-625004.**

**ECO CLUB**

**Brief Report on  
“National Pollution Control Day 2021”**

Date	:	2 <sup>nd</sup> December 2021
Welcome Address	:	<b>Dr. V.P. Rathi</b> Convener - ECOClub Mannar Thirumalai Naicker College, Madurai-04.
Presidential Address	:	Dr. B. Manoharan Principal Mannar Thirumalai Naicker College, Madurai-04.
Vote of Thanks	:	<b>Mrs. R. Sumathi</b> Member - ECO Club Mannar Thirumalai Naicker College, Madurai-04.

**Brief Report:**

December 2 is observed as National Pollution Control Day every year. The day is observed in the memory of those who have lost their lives in the Bhopal Gas tragedy on the night of 2<sup>nd</sup> and 3<sup>rd</sup> December, 1984. Many people died due to the poisonous gas Methyl Isocyanate, also known as MIC. The Bhopal Gas Tragedy is considered one of the biggest industrial pollution disasters.

Environmental pollution affects the quality of life more than one can imagine. All this is mainly caused by human activities which harm the environment in more than one way. Nowadays, pollution prevention is a major global concern because everyone on the earth is entitled to clean air to breathe, water to drink, and to enjoy public lands.

The theme for the year 2021 is to raise awareness about pollution and encourage the government to adapt policies to mitigate the impact of pollution.

The Eco Club decided to increase awareness about pollution among the public to observe National Pollution Control Day 2021. Student Members of the ECO Club actively participated and created awareness to the public. The students and staff members read aloud the Slogans on Pollution Control, explaining the effects of pollution and the need of controlling it in the streets of Pasumalai and National Highway Road.

YouTube Link: [https://youtube.com/shorts/1Iolmu2t9\\_s?feature=share](https://youtube.com/shorts/1Iolmu2t9_s?feature=share)









GPS Map Camera



**Madurai, Tamil Nadu, India**  
9A, Pasumalai, Madurai, Tamil Nadu 625004, India  
Lat 9.893633°  
Long 78.078525°  
02/12/21 02:38 PM

**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)**  
**Pasumalai, Madurai-625004.**

**ECO CLUB**

**“Palm Tree Plantation - World Soil Day 2021”**

Date	:	6 <sup>th</sup> December 2021
Welcome Address	:	<b>Dr. V.P. Rathi</b> Convener – ECO Club Mannar Thirumalai Naicker College, Madurai-04.
Presidential Address	:	<b>Dr. B. Manoharan</b> Principal Mannar Thirumalai Naicker College, Madurai-04.
ACTIVITY	:	Planted Palm Seed Balls on the bank of Moolakari Lake nearby the college
Vote of Thanks	:	<b>Mrs. R. Sumathi</b> Member - ECO Club Mannar Thirumalai Naicker College, Madurai-04.

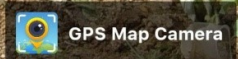
**Brief Report:**

World Soil Day (WSD) is held annually on 5<sup>th</sup> December to focus attention on the importance of healthy soil and to advocate for the sustainable management of soil resources. The theme of World Soil Day 2021 is ‘Halt soil salinization, boost soil productivity’ with a motive to raise awareness on the importance of maintaining healthy ecosystems and human well-being.

Eco Club decided to plant Palm Tree on the banks of Moolakarai - Thenkarai Lake. Based on this each member of Eco Club brought one seed ball of Palm Tree and particularly Ajay Prasanth Kumar, I B.A History brought 30 seed balls of Palm Tree. These seed balls were planted on Moolakarai - Thenkarai lake bank which is nearer to Mannar Thirumalai Naicker College by the Principal, Student and Staff members. Dr. V.P. Rathi, Eco Club Convener gave a brief introduction about the programme. Dr. B. Manoharan, the Principal felicitated and gave a talk on palm tree. Ajay of I B.A., explained about palm seed ball preparation. Chandralekha, I MSW explained the importance of Palm Tree. Student Members of the ECO Club actively participated in this event. The students and staff members read aloud the Slogans on Fertility of Soil, how to preserve soil and Dr. R. Sumathi proposed a Vote of Thanks.

YouTube Link: <https://youtu.be/cRYgU6bNvDk>





**Vilacheri, Tamil Nadu, India**  
Vilachery Main Rd, Kala Malai, Pasumalai,  
Vilacheri, Tamil Nadu 625004, India  
Lat 9.896143°  
Long 78.066084°  
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GPS Map Camera



**Madurai, Tamil Nadu, India**  
Mannar College Entrance, Vilachery Main Rd,  
Pasumalai, Madurai, Tamil Nadu 625004, India  
Lat 9.892746°  
Long 78.076917°  
06/12/21 03:20 PM



