

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

## BHOOMITHRASENA CLUB ACTIVITIES REPORT 2022-2023

### WORLD ENVIRONMENT DAY

World Environment day was celebrated on 6<sup>th</sup> June 2022. Different programmes and competitions such as planting tree saplings, leaf identification competition, seed identification competition etc. were conducted.



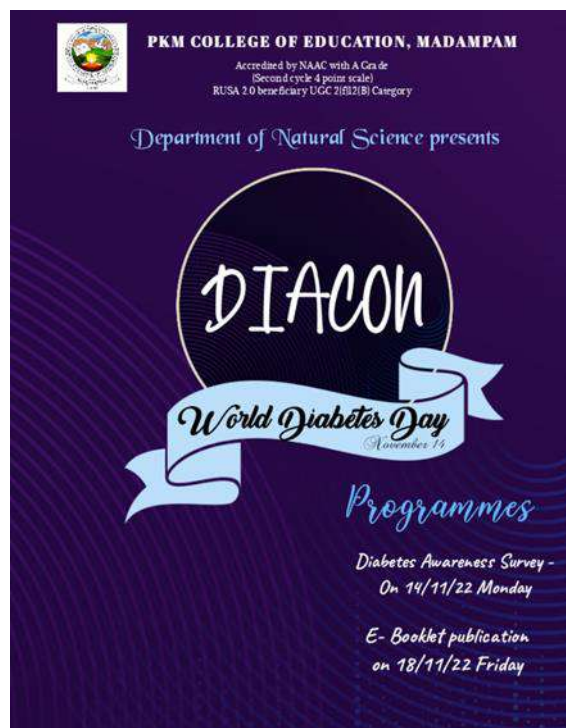




Tree saplings were planted in the campus. All students and faculties were participated in the same. After that different competitions were conducted like leaf identification and seed identification. 20 leaves of different plants were placed and conducted leaf identification competition. After this 19 seeds were placed for identification. Students were participated enthusiastically. After the competition student co-ordinators explained the different types of plants and seeds and methods used for their identification.

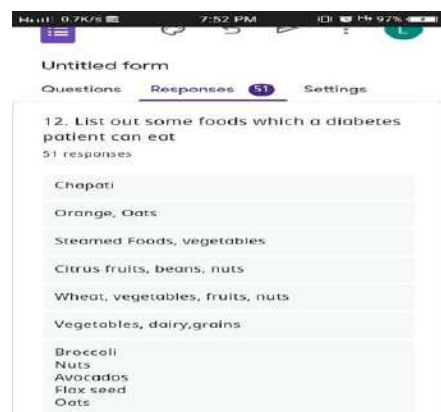
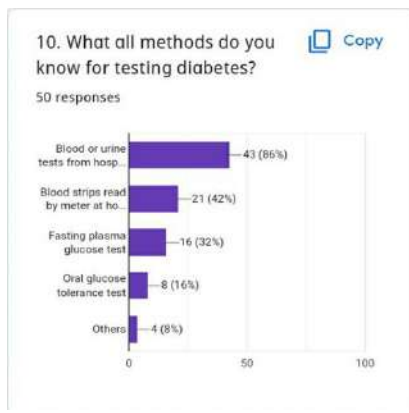
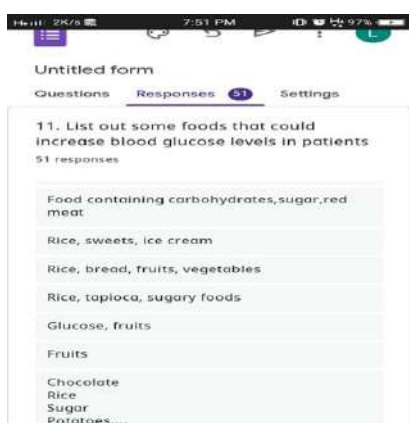
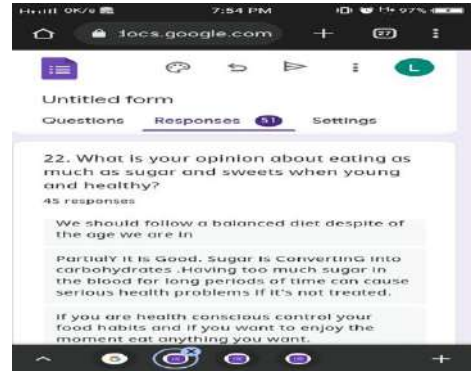
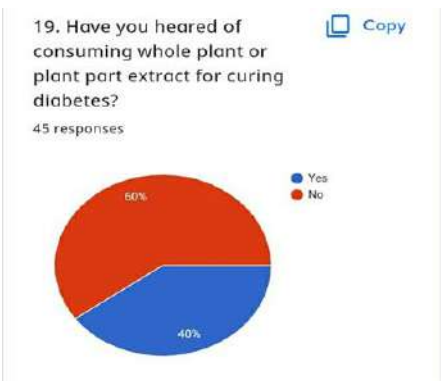
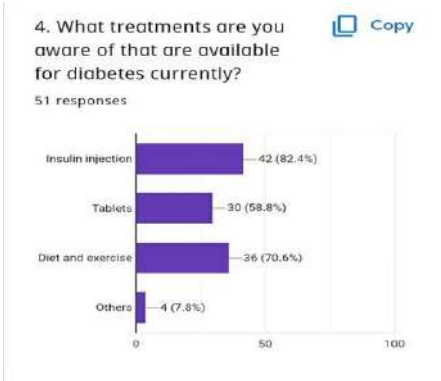


## DIACON – DIABETES AWARENESS PROGRAMME & E-BOOKLET PUBLICATION



As a part of World Diabetes Day, the department of Natural Science and Bhoomithrasena Club were conducted a Diabetes survey among student–teachers and teachers of PKM College of education, Madampam. The survey was conducted on 14th November 2022 via google forms. The main objective of the survey was to understand the level of knowledge about diabetes and its control. The questions like the causes and symptoms of diabetes, available methods of testing diabetes, and also the available treatments for diabetes were included in the Google form. It also included the problems faced by the diabetic patients, the foods which increase the blood glucose level and its preventive measures. From the result of the survey, we can see that most of them don't aware of the different causes of diabetes and also they don't have much idea about all the

available treatments for diabetes. Only very few of them were aware of all the methods of testing diabetes and the majority of them know about the food that diabetic patients can eat. From that, we realized the need for an awareness program and we have decided to prepare an e-booklet.



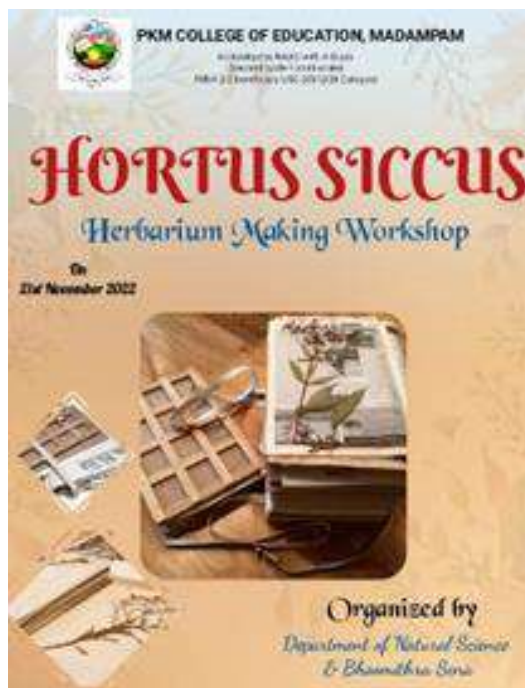
Based on the result of the diabetes awareness survey, natural science student teachers prepared an e-booklet. The e-booklet contains information about diabetes i.e its types, symptoms,

prevention and control, and treatment. The preparation of an e-booklet was completed on 15th November 2022.

A program was conducted by the department of natural science for the release of an e-booklet on 18th November 2022 at 10 am. The student teacher Aiswarya P.V gave the welcome speech and the student teacher Linet Treesa Mathew gave an introductory speech about the e-booklet. After that Dr.Jessy NC , principal of PKM College of Education ,released the e-booklet and talked about the importance of a healthy lifestyle. Finally, the student teacher Sree Lakshmi V.P proposed the vote of thanks and the program came to an end at 11 am.



## HERBARIUM MAKING WORKSHOP

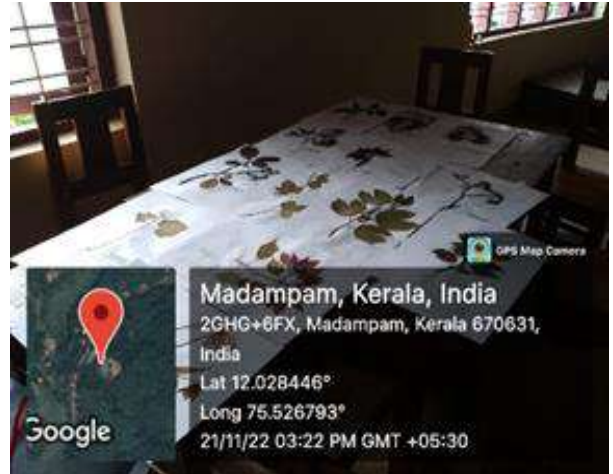
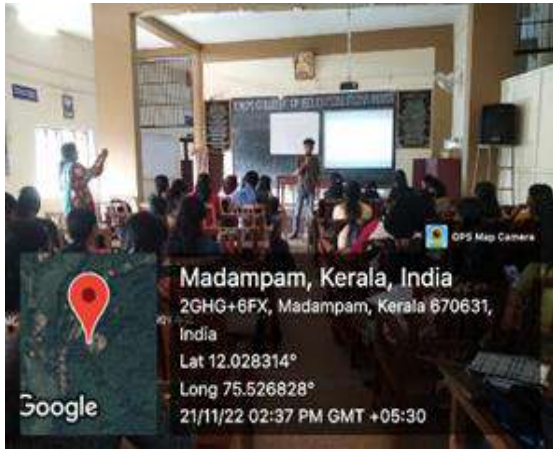


The Bhoomithrasana science department of P. K. M

club and Natural College conducted a

Herbarium making workshop on November 21, 2022 at the General classroom of P. K. M College. It was done prior to the biodiversity survey of Bhoomithrasana club. The PowerPoint was presented by Mr. Hariprasad N and the demonstration of Herbarium making was done by Natural science students. At the end of the session, all students were grouped into four and all of them actively participated in the Herbarium workshop.







# BIODIVERSITY AWARENESS & EXTENSION PROGRAMME

P.K.M. COLLEGE OF EDUCATION MADAMPAM,  
KAITHAPRAM P O, KANNUR - 670631

(Govt. Aided Teacher Education Institution affiliated to Kannur University)  
Recognized by NCTE and included under UGC 2(f) & 12B category  
Accredited by NAAC with 'A' Grade, (Second cycle - 4 point scale), RUSA 2.0 beneficiary

**KERALA STATE BIODIVERSITY BOARD**  
*Sponsored*  
**BIODIVERSITY AWARENESS & EXTENSION PROGRAMME**

**One Day Seminar & Biodiversity Awareness Survey**

On **1st & 3rd December 2022**

*Theme: Building a shared future for all life*

**Resource Persons :**

**K. V. Govindan**  
Member,  
District Planning Committee, Kannur

**V.C. Balakrishnan**  
Environmentalist &  
Former Secretary of SEEK

Organised by IQAC & Bhoomithrasena

On Thursday, December 1<sup>st</sup> 2022, Bhoomithrasena Club, P.K.M. College of Education Madampam conducted a one-day seminar under the sponsorship of the Kerala State Biodiversity Board. 'Building a Shared Future for All Time' served as the theme for the seminar. This is the first initiative in Kerala that the Kerala State Biodiversity Board has led and such a conference is desperately needed in this time where earth, plants, and animals are being destroyed. Ms. Sreethu, first-year student teacher begin the ceremony with a prayer song and was officiated by college vice-principal Dr. Prasanth Mathew. The welcome speech was delivered by Mrs. Jomol Jose, Asst. Pro. & co-ordinator of the seminar. K V Govindan, a member of the Kerala State Biodiversity Board inaugurated the function after the inaugural speech. Aishwarya P V, co-ordinator of Bhoomithrasena club, gave a vote of gratitude at the conclusion of the meeting.



Around 11:30 a.m., the first technical session of the programme began. It was led by K V Govindan, a member of the Kerala State Biodiversity Board. The topic of the session was “Biodiversity and Life Security.” He delivered a session regarding the importance of biodiversity, need of conservation, threats in the present hour etc. The session was highly informative and interesting one for all student teachers. An interactive session was held after the talk of the resource person. Ms.Jobina Jose proposed the vote of thanks and the programme came to an end by 1 pm.



The second session started at 2:00 P M. V C Balakrishnan, a former secretary of SEEK organisation and environmental activist was the resource person. “Biodiversity Conservation at Local Level” was the topic. Ms. Linet Treesa Mathew, a student teacher of natural science department, introduced the resource person. Balakrishnan sir was given an elaborated description about the diversity available at local level and the need and significance of its conservation. The programme was followed by a very good interactive session. The programme ended at 4:00 p.m. with a vote of thanks by Mr. Akhil C K, a student teacher of Malayalam optional.



## **BIODIVERSITY AWARENESS SURVEY – MADAMPAM LOCALITY- 3-12-2022**

Bhoomithrasena club and Natural Science department of P. K. M. College of Education, Madampam collectively conducted a Biodiversity survey on 3<sup>rd</sup> December 2022. Students of the college conducted the survey by grouping into three. All the groups were allotted to three different locations in Madampam. Each student was asked to collect at least 3 plants.

The first group of survey contained 9 student teachers of the college from different optional subjects. The field of survey was the P. K. M. College- Madampam road. Survey started at 9:45 am and every student was asked to collect at least three different plants. The group had a thorough observation of the area and collected about 30 plant materials including shrubs and herbs of different plant families. The collected materials were pressed on site and pictures



regarding the whole procedure were taken. The survey ended at 11.30 pm.

The second group of survey contained 9 student teachers of the college from different optional subjects. The field of survey was the P. K. M. College- Madampam road. Survey started at 9:45 different plant families. Further procedures were done after reaching college. The team reached college at 11.30 am .The group had a thorough observation of the area and collected



about 30 plant materials including shrubs and herbs of different plant families.

The third group contained 8 student teachers of the college which was headed by Hariprasad N and Aiswarya P V. The field of survey was Madampam – Amabatharu road. Survey started at 10.00 am and each of the students collected plants from the allotted area. The group moved along the road upto 2 km and collected almost 33 plants including Trees, shrubs and also herbs of different families. The collected plant specimens were pressed on the site itself



using newspaper. The team reached back college by 12.00 pm.

The pictures of plant collection were taken properly. Students tried to identify and study more about the plants using previous knowledge, technical help and also enquiring to expert teachers. The collected plants were kept in the classroom for further procedures. All the participants were enthusiastic during the whole survey which made the day both informative and memorable.

This programme was a new experience to all the student teachers and staff of P.K.M. College of Education, Madampam. Definitely the experiences and information received by the students teachers will really utilized in their future teaching profession for the welfare of our children and society.

# E- MAGAZINE RELEASING



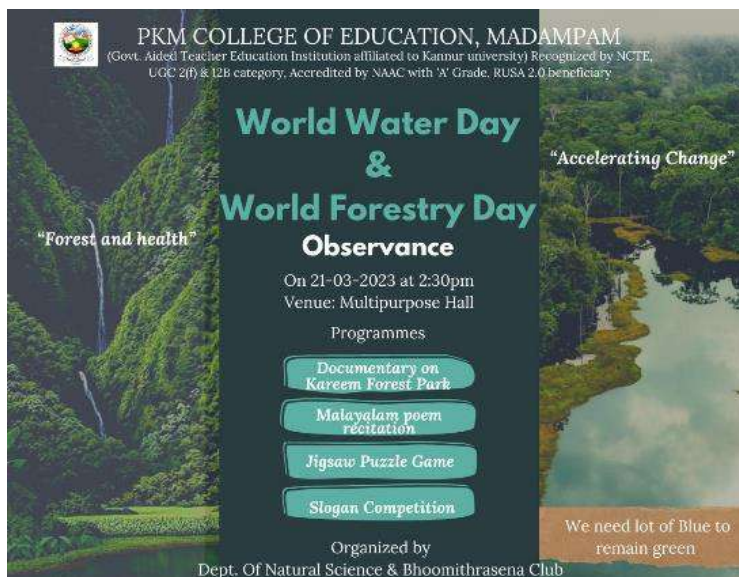
The e- magazine, 'Floraision' prepared by the student teachers of Natural Science optional of 2022-2024 batch in association with Bhoomithrasena Club was released on 13th January 2023 from the respective optional classroom. The magazine was a science magazine with all the contents related to Science subject. It included various contents like story, poem, interesting facts, drawings, articles etc., about science related topics. The chief editor of the e- magazine was Mrs. Jomol Jose and the student editor was Linet Treesa Mathew. A minimum of two contents prepared by all the 8 student teachers of the class was included.

CONTENTS			Sl no.	Contents	Page no.
1	What is Corona virus	4	16	What is CRISPR	39
2	Drawing	5	17	POV: Nature	41
3	Poem	6			
4	എ. ഓർഗനിയുടെ അറ്റാക്ക	7			
5	Botany of Theyyam	11			
6	Major Discoveries in Biology	15			
7	Interesting facts on Human body	17			
8	Maidenhair trees	19			
9	ഇനങ്ങൾ കണ്ടെത്തൽ	21			
10	Prions	25			
11	Wild edible plants	27			
12	Termitarium	29			
13	Scientific pool	31			
14	സൂര്യനാളി	33			
15	Types of Microscope	35			

	Mrs. Jomol K J
	Aiswarya P V
	Anju M J
	Blessy Joy
	Hariprasad N
	Linet Treesa Mathew
	Sahala Yasmin
	Sheethal C
	Sreelakshmi V P

## WORLD WATER DAY & WORLD FORESTRY DAY OBSERVANCE

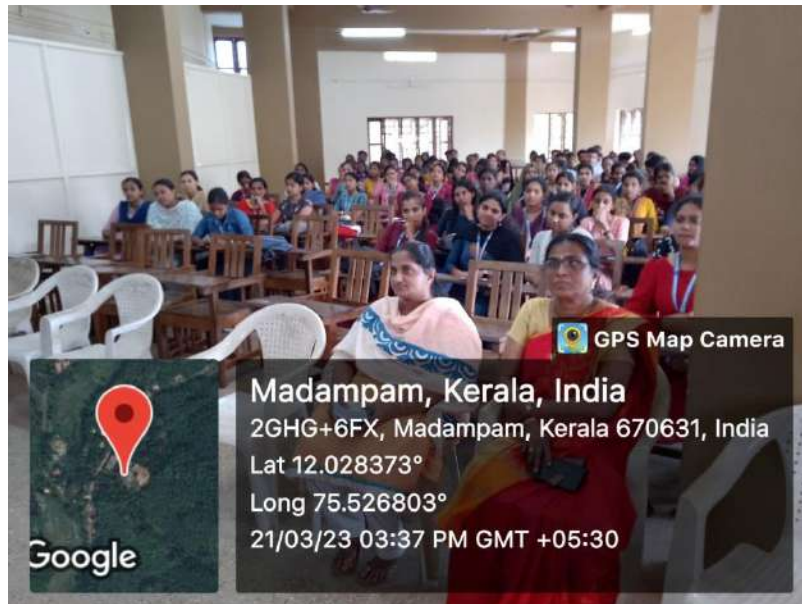


Dept. of Natural science and Bhoomithrasena club of PKM College of Education, Madampam jointly organised World water Day and World Forest Day observance on Tuesday, 21<sup>st</sup> March 2023. The programme began at 3.30 pm in the Multipurpose hall. Ms. Jobina Jose, student coordinator of Bhoomithrasena club welcomed the programme. Principal Dr. Jessy N C delivered the presidential address. Ms. Aiswarya P V, convener of Bhoomithrasena club, has given the introductory talk on Documentary. The Documentary was on Kerala's largest man made forest, Kareem forest which is situated in Kasargod district. The documentary bears more relevance on the occasion of world forest day. Ms Athira T C of second year Natural science recited a poem on Nature written by her. Followed by this, a Jigsaw puzzle competition and a



Slogan writing competition(Theme-Water conservation) were held. Mr. Hariprasad N and Sreelakshmi V P of First year Natural science provided the instructions. In the puzzle competition, Dept. of Mathematics won first prize, Malayalam department won second and Dept.

of Social science won the third prize. Ms. Blessy Joy, student coordinator of Natural science department delivered the vote of thanks. The programme ended at 4.15 pm.



In slogan competition first prize was won by Aiswarya K. Malayalam, second prize was won by Amitha George, English & third prize was won by Jomol K.J., Malayalam. The prize were distributed on 23 rd March 2023.





In the academic year 2022 -2023 we had conducted different innovative and unique activities. We had conducted Environment day, World Diabetes Day, Diabetes Survey, Herbarium Workshop, Biodiversity Awareness & Extension Programme, Science Magazine, World Water Day & World Forestry Day, different competitions, video preparations and presentations, paper presentations etc. We submit this report for further verifications.

FIC

Bhoomithrasena

PRINCIPAL