

REPORT
ON
EXTENSION ACTIVITY
OF
LET'S BEAT THE SUMMER
AT
ADOPTED VILLAGE
KUMMINIPARAMBA

ORGANIZED BY
DEPARTMENT OF BIOCHEMISTRY
E.M.E.A. COLLEGE OF ARTS AND SCIENCE
1 MARCH 2023

DEPARTMENT OF BIOCHEMISTRY
EMEA COLLEGE OF ARTS AND SCIENCE, KONDOTTY
(Re-accredited with ' A' Grade by NAAC)



**EXTENSION ACTIVITY
IN ADOPTED VILLAGE**

**LET'S BEAT
THE SUMMER**

SUMMER DISEASES-DOOR TO DOOR CAMPAIGN

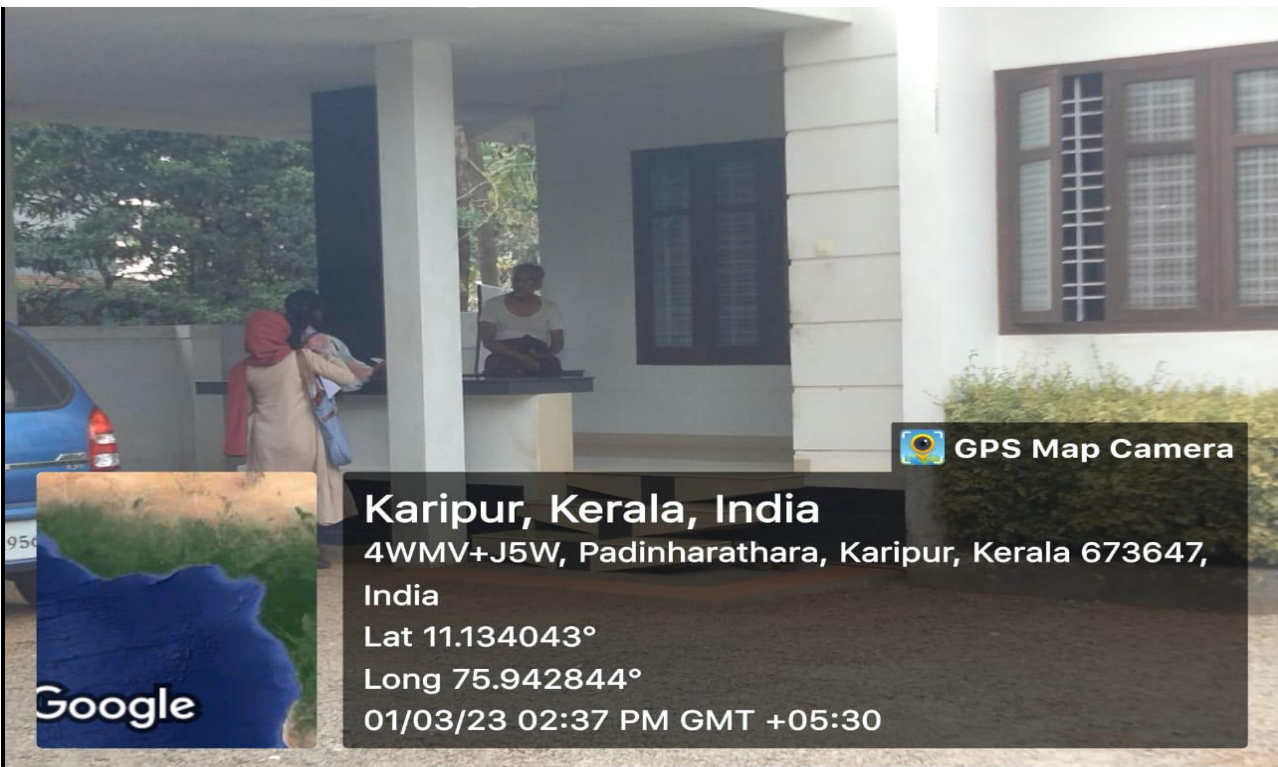
HEALTHY TIPS-AWARENESS CLASS AT ANGANWADI

2023 MARCH 01

On 1 march 2023 as an extension activity at adopted village, Kumminiparamba, students of Department of Biochemistry organized an activity entitled, LET'S BEAT THE SUMMER.

As a part of door to door campaign, the students visited neighboring houses and gave awareness on summer diseases. They distributed pamphlet on summer diseases which include heatstroke, chicken pox, conjunctivitis, cholera and jaundice.

The students interacted very actively with the house members and cleared their doubts.



The students also visited the nearby Aganwadi and had an active session with the preschoolers on how to have a healthy days during the heat. They gave healthy tips to stay hydrated and the diet that required to be followed during summer.





GPS Map Camera

Karipur, Kerala, India
4WMV+J5W, Padinharathara, Karipur, Kerala 673647,
India
Lat 11.134043°
Long 75.942844°
01/03/23 02:39 PM GMT +05:30



Participants list

1. FAHMIDA K T
2. FATHIMA FIDA P C
3. HISANA THESNIM P
4. JASNA M P
5. JUMANA THASNI K T
6. MEHATHAB KUMMALI
7. FABIN ASHIQ .C
8. FAJR.K.K.
9. LAMIH UL AMEEN KM
10. MUHAMMED HAMRAZ VT
11. AYSHA FAHMA
12. FATHIMA NIYA MN
13. LENA FATHIMA VK
14. NIHLA.MT
15. SAFA . M

16.	MUHAMMAD YASEEN
17.	MUHAMMED AFSAL. N
18.	THOUFEEQUE T.N
19.	ARYA KK
20.	DILSHIDA
21.	FARZANA SERY M
22.	FATHIMA AFRAH M K
23.	NAJIYA N P
24.	NASLA C P
25.	SANA SHOUKKATH ALI
26.	SHADHA C
27.	ANSHID RAHMAN TT
28.	MOHAMMED ASAD K
29.	SHIBIN NISHAD.P
30.	USMANUL HAFFAN M

REPORT
ON

SCIENCE LIBRARY
AT
AMUP SCHOOL
KUMMINIPARAMBA

ORGANIZED BY
DEPARTMENT OF BIOCHEMISTRY
E.M.E.A. COLLEGE OF ARTS AND SCIENCE
28 FEBRUARY 2023

DEPARTMENT OF BIOCHEMISTRY
EMEA COLLEGE OF ARTS AND SCIENCE, KONDOTTY
(Re-accredited with ' A' Grade by NAAC)



EXTENSION PROGRAM

**SCIENCE LIBRARY
FOR
SCIENTIFIC TEMPER**



Inauguration:

Mr Ramesh

Head Master, AMUP School,
Kumminiparamba

2023
FEBRUARY
TUESDAY

28



AMUP SCHOOL
KUMMINIPARAMBA

Science library in a school helps in developing scientific attitude and scientific temper among students. It can aid in self study and quench curiosity. By understanding the importance of science library, the bio-explorers club of the department decided to start a science library in AMUP School, Kumminiparamba and inaugurated it by handing over nooks to the Deputy Head Master. The club ensures to provide books to the library every year.

The department signed an MoU and also showed willingness to conduct different programmes in the school.





 GPS Map Camera

Karipur, Kerala, India

4WVV+239, Padinharathara, Karipur, Kerala

673638, India

Lat 11.142721°

Long 75.942964°

28/02/23 12:36 PM GMT +05:30

Google

MoU



കേരളം കേരള KERALA MEMORANDUM OF UNDERSTANDING

CE 229384

on this 10th day of February 2023

Between

DEPARTMENT OF BIOCHEMISTRY,
EMEA COLLEGE OF ARTS AND SCIENCE, KONDOTTY
AND
AMUP SCHOOL
KUMMINIPARAMBA

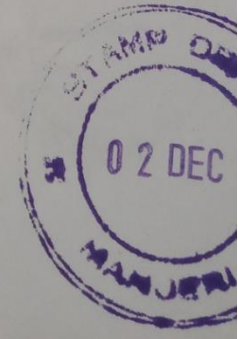
MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (herein after referred to as MoU) is entered into on this 10th day of February 2023 between Department of Biochemistry, EMEA College of Arts and Science, Kondotty herein referred to as College

AND

AMUP School, Kumminiparamba, Kondotty, Malappuram Kerala herein referred to as School.

40378
VALUE: 50
NAME: O.V. മുജിബ് മുബിൻ EMEA collage kondotty
AMSOM: kondotty
TALUK: kondotty
DATE: 09.12.22
Ag. M.C. VENDOR
MANJERI - SINDU - P
Sindhu



SCOPE OF THE MoU, THE ROLES AND RESPONSIBILITIES

Institution interaction will give an insight in to the dispersing of scientific knowledge; the Second Party to permit the Students of the First Party to set up a science library in the second party's institution. The exposure provided to students of second party through this association will aid in developing scientific attitudes and reading skills. The First party will provide science based books for the the second party on non-payment basis. First Party is to update the book list every year and preserve a record of the books provided.

VALIDITY

This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period School, the Second Party, as the case may be, will take effective steps for implementation of this MoU. Any act on the part of School, the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MoU

2 Both Parties may terminate this MOU upon 5 years notice in writing. In the event of Termination, both parties have to discharge their obligations.

RELATIONSHIP BETWEEN THE PARTIES

It is expressly agreed that First Party and Second Party are acting under this MoU as independent contractors, and the relationship established under this MoU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MoU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party

AGREED:

For

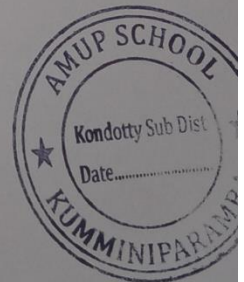
EMEA College of Arts and Science

Science Library College Coordinator

[Signature]
27/12/23
N.K Zaheera Banu
Assistant Professor
Dept. Of Biochemistry
EMEA College of Arts & Science
Kondotty



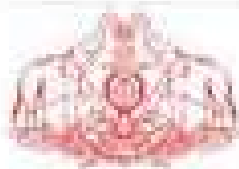
Mangam. V. K
Deputy. H
AMUP School Kumm



REGISTER

Date	Accession No	Title	Author	Year	Edition	Page	Remarks
28-2-23	SL-010	സാഹസിക വിദ്യാഭ്യാസത്തിൽ	പി. ടി. അബ്ദുൾ Current Books	2014	4	131	
28-2-23	SL-011	പാലക്കാട് ജില്ലാ പഞ്ചായത്ത്	പി. ടി. അബ്ദുൾ KSSP	2000	1	192	
28-2-23	SL-012	മതം: കർമ്മം കാര്യം	പി. ടി. അബ്ദുൾ KSSP	2000	9	118	
28-2-23	SL-013	കേരളത്തിലെ പാലക്കാട്	വിദ്യാഭ്യാസം DC Books	2021	2	42	
28-2-23	SL-014	സാഹസിക സാഹസിക സാഹസിക	അനിയമ സാഹസിക DC Books	2014	1	165	
28-2-23	SL-015	പാലക്കാട് ജില്ലാ പഞ്ചായത്ത്	പി. ടി. അബ്ദുൾ KSSP	1998	1	114	
28-2-23	SL-016	വിദ്യാഭ്യാസത്തിലെ പാലക്കാട്	പി. ടി. അബ്ദുൾ DC Books	2016	2	134	
28-2-23	SL-017	ഉയർന്ന വിദ്യാഭ്യാസം	പി. ടി. അബ്ദുൾ DC Books	2022	1	104	
28-2-23	SL-018	പാലക്കാട് ജില്ലാ പഞ്ചായത്ത്	പി. ടി. അബ്ദുൾ DC Books	2014	7	131	

Date	Accession No	Title	Author and Publisher	Year	Edition	Page	Remarks
28-2-23	SL-001	ജനകീയ വിദ്യാഭ്യാസം	പി. ടി. അബ്ദുൾ KSSP	2000	1	48	
28-2-23	SL-002	പാലക്കാട് ജില്ലാ പഞ്ചായത്ത്	പി. ടി. അബ്ദുൾ DC Books	2017	3	144	
28-2-23	SL-003	പാലക്കാട് ജില്ലാ പഞ്ചായത്ത്	പി. ടി. അബ്ദുൾ DC Books	2019	4	76	
28-2-23	SL-004	കർമ്മം കാര്യം	പി. ടി. അബ്ദുൾ KSSP	2000	1	59	
28-2-23	SL-005	ജനകീയ വിദ്യാഭ്യാസം	പി. ടി. അബ്ദുൾ DC Books	2011	2	71	
28-2-23	SL-006	സാഹസിക സാഹസിക	പി. ടി. അബ്ദുൾ DC Books	2020	3	100	
28-2-23	SL-007	സാഹസിക സാഹസിക	അനിയമ സാഹസിക DC Books	2015	1	96	
28-2-23	SL-008	ജനകീയ വിദ്യാഭ്യാസം	പി. ടി. അബ്ദുൾ Current Books	2011	2	102	
28-2-23	SL-009	വിദ്യാഭ്യാസം	പി. ടി. അബ്ദുൾ KSSP	1999	2	95	



AGRICULTURE DEPARTMENT



EMEA COLLEGE OF ARTS AND
SCIENCE



MANCHESTER ARTS AND SPORTS CLUB

SOIL ANALYSIS OF NEIGHBOURING PADDY FIELDS **REPORT**



AN EXTENSION PROGRAMME

2022- 2023

Organized
by



DEPARTMENT OF BIOTECHNOLOGY

EMEA COLLEGE OF ARTS AND SCIENCE

(Reaccredited with 'A' grade by NAAC)

Kondotti, Malappuram (Dt) Kerala, Pin-673638

CO-ORGANIZER

MANCHESTER ARTS AND SPORTS CLUB

KUMMINIPARAMBA

PREAMBLE

Soil testing is the process of analysing soil samples to determine its physical, chemical, and biological properties. It provides valuable information about the nutrient content, pH level, organic matter content, and overall fertility of the soil. Soil testing is important for several reasons:

Nutrient management: Soil testing helps farmers and gardeners understand the nutrient levels in their soil. By analysing the nutrient content, particularly essential elements like nitrogen, phosphorus, and potassium, soil testing allows for the precise application of fertilizers. This helps optimize nutrient management, ensuring that crops receive adequate nutrition for healthy growth and maximum yield. Over-application of fertilizers can lead to environmental pollution, while under-application can result in poor crop growth.

pH adjustment: Soil pH is a measure of the acidity or alkalinity of the soil. Different plants have different pH preferences, and soil testing helps determine whether the soil pH needs to be adjusted. Lime or sulphur amendments can be added to raise or lower the pH level, respectively, to create a more favourable environment for plant growth. Proper pH adjustment enables plants to effectively absorb nutrients from the soil.

Soil fertility assessment: Soil testing provides information on the organic matter content of the soil. Organic matter is crucial for soil fertility as it improves soil structure, water-holding capacity, and nutrient retention. By assessing organic matter levels, soil testing helps determine the need for organic matter amendments, such as compost or manure, to enhance soil fertility.

Environmental protection: Soil testing plays a role in preventing environmental pollution. By analysing the nutrient content of the soil, it helps prevent excessive application of fertilizers, reducing the risk of nutrient runoff into nearby water bodies. Nutrient runoff can lead to water pollution, causing issues like algal blooms and oxygen depletion in aquatic ecosystems. Soil testing promotes responsible agricultural practices and supports sustainable soil management.

Cost-effective approach: Soil testing is a cost-effective approach to ensure optimal crop productivity. By providing accurate information about soil conditions, it helps farmers and gardeners make informed decisions regarding nutrient application and soil amendments. This targeted approach reduces unnecessary expenses on fertilizers and supplements, resulting in cost savings in the long run.

In summary, soil testing is important for nutrient management, pH adjustment, soil fertility assessment, environmental protection, and cost-effective agriculture. By providing valuable insights into soil properties, it enables farmers and gardeners to make informed decisions and promote sustainable soil management practices.

Considering this, the Department of Biotechnology, EMEA College of Arts and Science, Kondotty decided to conduct soil analysis drive in Neighbouring paddy fields as an extension programme. Joined with Kerala Agriculture department, Manchester Arts and Sports Club, Kumminiparamba was the Co-Organizer of this programme.

SITE SELECTION AND SAMPLE COLLECTION

Manchester Arts and Sports Club, Kumminiparamba, has selected some areas for testing the soil sample by taking the opinion from Agriculture officer, Pallikkal Panchayath. The students and teachers were collected samples (5samples) from selected paddy fields (geo-tagged photo). The samples were taken from the surface to a depth of 20cm. The samples were collected in a clean plastic bag and mixed thoroughly. Each sample was marked separately.



AGRICULTURE DEPARTMENT

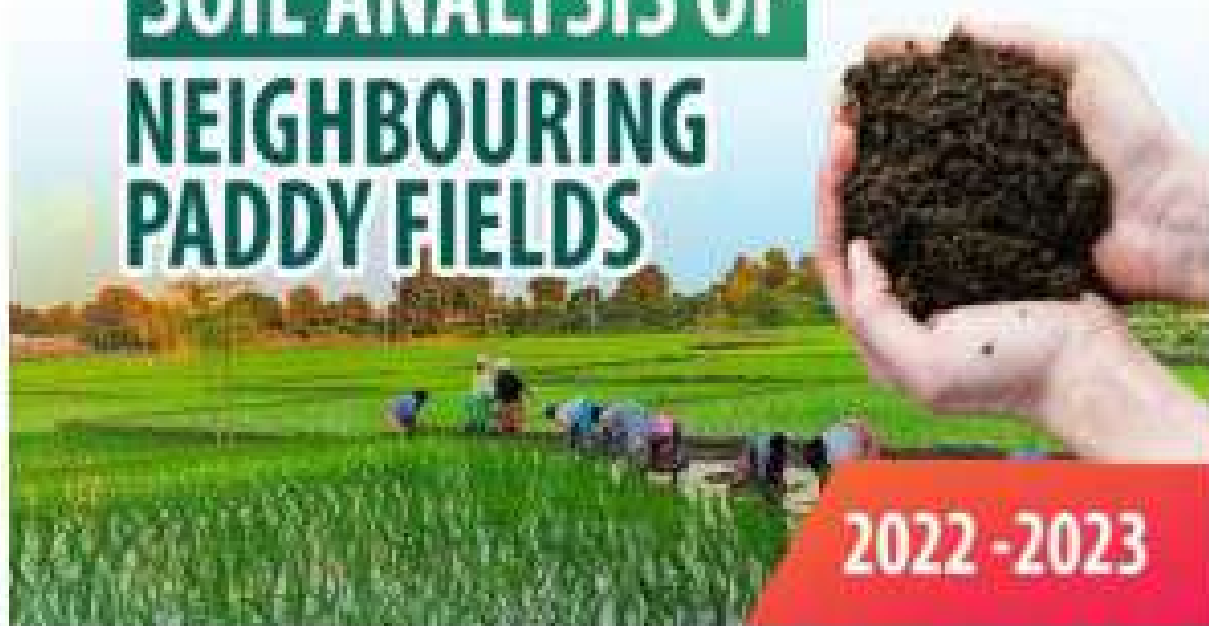


EMEA COLLEGE OF ARTS AND SCIENCE



MANCHESTER ARTS AND SPORTS CLUB

SOIL ANALYSIS OF NEIGHBOURING PADDY FIELDS



2022 -2023

An Extension Programme of
DEPARTMENT OF BIOTECHNOLOGY
EMEA COLLEGE OF ARTS AND SCIENCE, KONDOTTI

Re-accredited with 'W' Grade by NAAC

In Collaboration With

DEPARTMENT OF AGRICULTURE, KERALA
&
MANCHESTER ARTS AND SPORTS CLUB
KUMMINIPARAMBA

Coordinator:

Dr. Mashoor K
Head, Dept. of Biotechnology
EMEA College of Arts and Science

Mr. Mansoor
President
Manchester Arts & Sports Club

Flyer of the Programme



Sample collection





Sample collection

pH ANALYSIS

The soil pH was analysed by the students in the Laboratory of Department of Biotechnology, EMEA College of Arts and Science according to following steps.

1. **Gathered Materials:** Collected all the necessary materials, including a sample of the soil to be tested, pH paper strips, a clean container, distilled water, and a pH color chart.
2. **Prepared Soil Sample:** Took a small representative soil sample from the designated area. Removed any debris or large particles from the sample.
3. **Prepared Distilled Water:** Poured a small amount of distilled water into a clean container, which was used to create a soil-water mixture for testing.
4. **Created Soil-Water Mixture:** Mixed the soil sample with the distilled water in the container. Stirred the mixture thoroughly to ensure even distribution of soil particles in the water.
5. **Allowed Settling:** Let the soil-water mixture settle for about 30 minutes, allowing any suspended particles to settle at the bottom.
6. **Prepared pH Paper:** While waiting for the mixture to settle, took a pH paper strip from the package, ensuring the use of pH paper suitable for testing soil samples.
7. **Dipped pH Paper:** Carefully dipped the pH paper strip into the settled soil-water mixture, fully immersing the strip for accurate results.
8. **Waited for Color Change:** Allowed the pH paper strip to remain in the mixture for the time specified in the pH paper instructions, typically a few seconds.
9. **Compared Colors:** After the specified time, removed the pH paper strip from the soil-water mixture. Compared the color of the wet part of the strip to the color chart provided with the pH paper package.
10. **Determined pH Value:** Matched the color of the wet pH paper to the closest color on the pH color chart, which corresponded to a pH value. Noted down the pH value associated with the color change.

Result: All samples shown neutral pH (7)

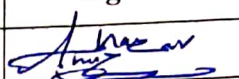
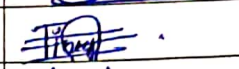
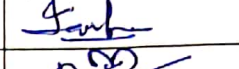
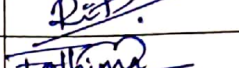
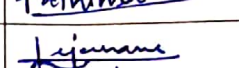
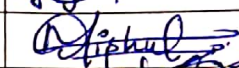
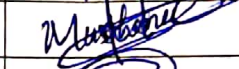
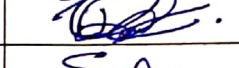
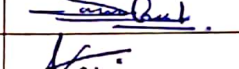
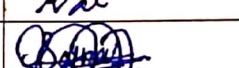
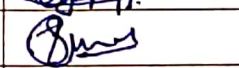
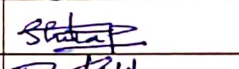
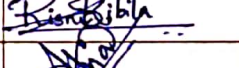
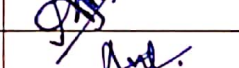
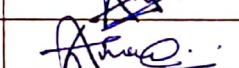
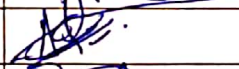
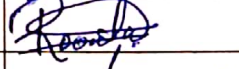
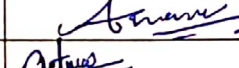
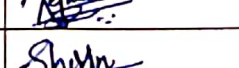
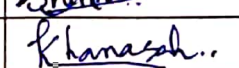
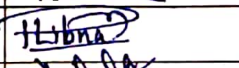
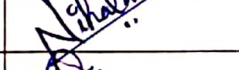

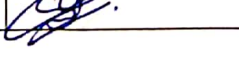






Students checking the soil samples in the lab

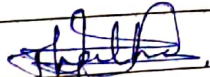
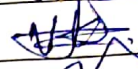
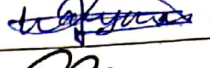

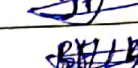
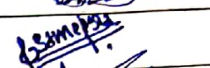

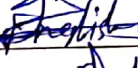
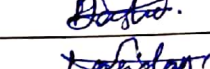
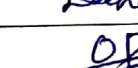

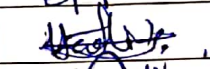

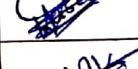



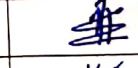



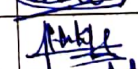
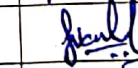
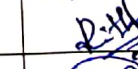
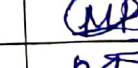
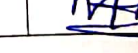






Students checking the soil samples in the lab

LIST OF PARTICIPANTS

S.No.	Name	Class	Signature
1.	Anaz Ibnu Nazar	3rd Year BSc BT	
2.	Disna Fincy P K	3rd Year BSc BT	
3.	Faiha Parveen	3rd Year BSc BT	
4.	Fathima Rida	3rd Year BSc BT	
5.	Fathima T	3rd Year BSc BT	
6.	Lijuvana.P.N	3rd Year BSc BT	
7.	Mishal Ahamed Palat	3rd Year BSc BT	
8.	Mohamed Musthaneer	3rd Year BSc BT	
9.	Muhammed Danish O	3rd Year BSc BT	
10.	Muhammed Sanabil K	3rd Year BSc BT	
11.	Nasweeha T T	3rd Year BSc BT	
12.	Safna.K.P	3rd Year BSc BT	
13.	Saima Parveen	3rd Year BSc BT	
14.	Shihana Sherin Pk	3rd Year BSc BT	
15.	Sibila Risni K	3rd Year BSc BT	
16.	Ajna Ashraf P N	3rd Year BSc BT	
17.	Ananya.K	3rd Year BSc BT	
18.	Aneena Rahman Kotta	3rd Year BSc BT	
19.	Anshif. N.	3rd Year BSc BT	
20.	Bisme Roowfa P K	3rd Year BSc BT	
21.	Fathima Anaan.E	3rd Year BSc BT	
22.	Fathima Nejwa.M.K	3rd Year BSc BT	
23.	Fidha Sherin E P	3rd Year BSc BT	
24.	Fathima Kansah	3rd Year BSc BT	
25.	Libna P	3rd Year BSc BT	
26.	Nihala Mohamed Ali	3rd Year BSc BT	
27.	Rifa Shirin.Ap	3rd Year BSc BT	
28.	Sayana P T K	3rd Year BSc BT	

29.	Shabna Sherin.K	3rd Year BSc BT	<u>Shabna</u>
30.	Adila Sharin Ak	3rd Year BSc BT	<u>Adila</u>
31.	Ameera.C.T	3rd Year BSc BT	<u>Ameera</u>
32.	Fathima Hasna	3rd Year BSc BT	<u>Fathima</u>
33.	Fathima Shermila.P.P	3rd Year BSc BT	<u>Fathima</u>
34.	Fathimathu Safa V	3rd Year BSc BT	<u>Safa</u>
35.	Febna Shibily K	3rd Year BSc BT	<u>Febna</u>
36.	Husna Banu	3rd Year BSc BT	<u>Husna</u>
37.	Karthikeyan.Kp	3rd Year BSc BT	<u>Karthikeyan</u>
38.	Lubna Sherin	3rd Year BSc BT	<u>Lubna</u>
39.	Minha P	3rd Year BSc BT	<u>Minha</u>
40.	Rafna Sherin A K	3rd Year BSc BT	<u>Rafna</u>
41.	Sahla Sherin	3rd Year BSc BT	<u>Sahla</u>
42.	Shamna.Kv	3rd Year BSc BT	<u>Shamna</u>
43.	Vishnu Priya M	3rd Year BSc BT	<u>Priya</u>
44.	Shamriya M.K	3rd Year BSc BT	<u>Shamriya</u>
45.	Shanavas.V.K	3rd Year BSc BT	<u>Shanavas</u>
46.	Silvya.T	3rd Year BSc BT	<u>Silvya</u>
47.	AFNAN K P	2 nd Year BSc BT	<u>AFNAN</u>
48.	Fahmida Ibrahim	2 nd Year BSc BT	<u>Fahmida</u>
49.	Fasna Tk	2 nd Year BSc BT	<u>Fasna</u>
50.	Fathima Hiba M	2 nd Year BSc BT	<u>Hiba</u>
51.	Fathima Rishana P	2 nd Year BSc BT	<u>Rishana</u>
52.	Fathima Sulna K	2 nd Year BSc BT	<u>Sulna</u>
53.	Hisana Thasni Pp	2 nd Year BSc BT	<u>Hisana</u>
54.	Irfana Thasni. Vp	2 nd Year BSc BT	<u>Irfana</u>
55.	Jumana Nasim	2 nd Year BSc BT	<u>Jumana</u>
56.	Liyana	2 nd Year BSc BT	<u>Liyana</u>
57.	Mahshooque	2 nd Year BSc BT	<u>Mahshooque</u>
58.	Mohammed Danish	2 nd Year BSc BT	<u>Danish</u>

59.	Muhammed Thalath T	2 nd Year BSc BT	
60.	Musrifa Sherin Vk	2 nd Year BSc BT	
61.	Niba Najmudheen	2 nd Year BSc BT	
62.	Rinfa C	2 nd Year BSc BT	
63.	Safna P	2 nd Year BSc BT	
64.	Salmanul Faris	2 nd Year BSc BT	
65.	Sameera.N	2 nd Year BSc BT	
66.	Aaghil N	2 nd Year BSc BT	
67.	Abhinand T	2 nd Year BSc BT	
68.	Fareedha Farhana	2 nd Year BSc BT	
69.	Fathima Nahida Ap	2 nd Year BSc BT	
70.	Fathima Sahla Op	2 nd Year BSc BT	
71.	Fidha Fathima C. K	2 nd Year BSc BT	
72.	Hadiya Adil Bafakhy	2 nd Year BSc BT	
73.	Keerthana. N	2 nd Year BSc BT	
74.	Mohamed Haseeb	2 nd Year BSc BT	
75.	Munavvira K	2 nd Year BSc BT	
76.	Najiya Thasni Tk	2 nd Year BSc BT	
77.	Rinsha	2 nd Year BSc BT	
78.	Sahla Thasneem C	2 nd Year BSc BT	
79.	Shima Shirin. T	2 nd Year BSc BT	
80.	Ayishath Jishna Kp	2 nd Year BSc BT	
81.	Erfana Pn	2 nd Year BSc BT	
82.	Fathima Arsha E	2 nd Year BSc BT	
83.	Fathima Diya	2 nd Year BSc BT	
84.	Fathima Hiba	2 nd Year BSc BT	
85.	Fathima Nada V	2 nd Year BSc BT	
86.	Fathima Ridha M	2 nd Year BSc BT	
87.	Minha M P	2 nd Year BSc BT	
88.	Muhammad Ameen	2 nd Year BSc BT	

89.	Mujeeba Kv	2 nd Year BSc BT	
90.	Nazih Shabeer P	2 nd Year BSc BT	
91.	Rinsad Ak	2 nd Year BSc BT	
92.	Safeela H	2 nd Year BSc BT	
93.	Selmiya Nechithadavan	2 nd Year BSc BT	
94.	Shifana P	2 nd Year BSc BT	
95.	FATHIMA FAHMIDA.KT	1st Year BSc Biotechnology	
96.	fathima rafa. k	1st Year BSc Biotechnology	
97.	FATHIMA SIBILA T	1st Year BSc Biotechnology	
98.	HAFSA MUBEENA P K	1st Year BSc Biotechnology	
99.	HIBA SHARIN	1st Year BSc Biotechnology	
100.	HUDHA MARIYAM M	1st Year BSc Biotechnology	
101.	JESNA A P	1st Year BSc Biotechnology	
102.	JUBAIRIYYA AP	1st Year BSc Biotechnology	
103.	NAFLAH P	1st Year BSc Biotechnology	
104.	Nidha Shery. K	1st Year BSc Biotechnology	
105.	Radwa	1st Year BSc Biotechnology	
106.	SEBA M	1st Year BSc Biotechnology	
107.	JANFISHAN	1st Year BSc Biotechnology	
108.	MOHAMMED UWAIS. C. K	1st Year BSc Biotechnology	
109.	MUHAMAD AMAN AMEER KHAN	1st Year BSc Biotechnology	
110.	MUHAMMED MISHAL N K	1st Year BSc Biotechnology	
111.	SHAHEEN	1st Year BSc Biotechnology	
112.	WAFI NASEEM	1st Year BSc Biotechnology	
113.	AMINA NOUMA	1st Year BSc Biotechnology	
114.	Aysha Ferin	1st Year BSc Biotechnology	
115.	FATHIMATHU NIDHA K	1st Year BSc Biotechnology	
116.	FATHIMATHUL RINHA K	1st Year BSc Biotechnology	

117.	GAYATHRI M	1st Year BSc Biotechnology	<i>[Signature]</i>
118.	HAFNA NISA M P	1st Year BSc Biotechnology	<i>[Signature]</i>
119.	KADHEEJA AMAL	1st Year BSc Biotechnology	<i>[Signature]</i>
120.	Mushhida KT	1st Year BSc Biotechnology	<i>[Signature]</i>
121.	NASHA K	1st Year BSc Biotechnology	<i>[Signature]</i>
122.	PARVATHI AJITH	1st Year BSc Biotechnology	<i>[Signature]</i>
123.	Aiman MC	1st Year BSc Biotechnology	<i>[Signature]</i>
124.	MOHAMED DHANISH N	1st Year BSc Biotechnology	<i>[Signature]</i>
125.	MOHAMED SHANID C	1st Year BSc Biotechnology	<i>[Signature]</i>
126.	Mohammed fasil.A	1st Year BSc Biotechnology	<i>[Signature]</i>
127.	MOHAMMED NAJI M	1st Year BSc Biotechnology	<i>[Signature]</i>
128.	Shibili K	1st Year BSc Biotechnology	<i>[Signature]</i>
129.	FAHEEMA FEMIN V	1st Year BSc Biotechnology	<i>[Signature]</i>
130.	Fathima Barira	1st Year BSc Biotechnology	<i>[Signature]</i>
131.	FATHIMA RINSHA VP	1st Year BSc Biotechnology	<i>[Signature]</i>
132.	HANIYA CHEMABAN	1st Year BSc Biotechnology	<i>[Signature]</i>
133.	MALAVIKA PT	1st Year BSc Biotechnology	<i>[Signature]</i>
134.	NITHA PULLAT	1st Year BSc Biotechnology	<i>[Signature]</i>
135.	Dr. Mashhoor K	Assistant Professor, Dept. of Biotechnology	<i>[Signature]</i>
136.	Shilly Das A	Assistant Professor, Dept. of Biotechnology	<i>[Signature]</i>
137.	Dr. Somy Soman	Assistant Professor, Dept. of Biotechnology	<i>[Signature]</i>
138.	Rameesa K	Assistant Professor, Dept. of Biotechnology	<i>[Signature]</i>

139 Rania Shamsudheen

140 SENIYA

141 Shara Sherio

143 Shaima

[Handwritten signatures and marks]

PG AND RESEARCH DEPARTMENT OF ECONOMICS

EMEA COLLEGE OF ARTS & SCIENCE, KONDOTTY

(RE-ACCREDITED WITH 'A' GRADE BY NAAC)



REPORT

EXTENSION PROGRAMME 2022-23

DISCUSSION ON KERALA BUDGET 2023-24 AND ITS IMPACT ON RURAL WOMEN

FOR KUDUMBASHREE UNITS, PALLIKKAL GRAMAPANCHAYATH

Held at

Health Centre, Kumminiparamba

On

09-02-2023

PG and Research department of Economics conducted an extension programme on the title “Discussion on Kerala Budget 2023-24 and its Impact on Rural Women” for the Kudumbashree Units of Pallikkal Gram Panchayath which was held at Health Centre, Kumminiparamba on 09-02-2023. The programme was inaugurated by Prof. Mohammed Najeeb.P.M, (HoD, Economics). Ms. Nasira Banu.K (research scholar) welcomed the session. Ms. Naseera.P (Ward Member), preside over the function. Ms. Naseema (President Kudumbashree, Pallikkal Panchayath) Mr. Abdurazaque.P.M (IQAC Coordinator), Mr. Hussain.V (Asst. Professor, Dept. of Economics), Dr. Ibrahim Cholakkal (Associate professor, Dept. of Economics) and Mr. Mohammed Nisar.T.V. were delivered the felicitation speech. The keynote address was made by Mr. Abid Rahman.KA (Research Scholar). Mr. Arsalan (Secretary, Economics Association) expressed the vote of thanks. The session was very interactive one in which the Kudumbashree members clarified their doubts related different terms in budget.



PG & RESEARCH DEPARTMENT OF ECONOMICS
E.M.E.A. COLLEGE OF ARTS AND SCIENCE, KONDOTTY

EXTENSION PROGRAMME
Discussion on Kerala Budget 2023-24
and Its Impact on Rural Women
FOR KUDUMBASHREE UNITS, PALLIKKAL GRAMA PANCHAYATH

ON 2023 09 HEALTH CENTRE,
FEBRUARY KUMMINIPARAMBA

PG & RESEARCH DEPARTMENT OF ECONOMICS
E.M.E.A.COLLEGE OF ARTS AND SCIENCE, KONDOTTY

EXTENSION PROGRAMME



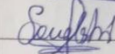






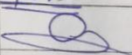






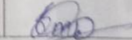
Discussion on Kerala Budget 2023-24 and Its Impact on Rural Women

FOR KUDUMBASHREE UNITS, PALLIKKAL GRAMA PANCHAYATH

Place: Kumminiparamba

Date: 09-02-2023

ATTENDANCE SHEET

Sl.No.	Name	Signature
1	Ahishabi	
2	Hyrunneesa	
3	Saadabi - u	
4	രജിമ	
5	രജിമ	
6	രജിമ	
7	രജിമ	
8	Aichana. M.P	
9	Rubeena.	
10	Sa Riya. P.P	
11	Nusuba. P.k	
12	GRETHA -	
13	Rasiya K	
14	Sindhu.np	
15	Vasanthi	
16	Sulochana. M.12.	
17	Smisha .p	

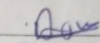














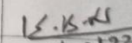
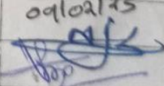
PG & RESEARCH DEPARTMENT OF ECONOMICS
E.M.E.A.COLLEGE OF ARTS AND SCIENCE, KONDOTTY
EXTENSION PROGRAMME

Discussion on Kerala Budget 2023-24 and Its Impact on Rural Women
FOR KUDUMBASHREE UNITS, PALLIKKAL GRAMA PANCHAYATH

Place: Kumminiparamba

Date: 09-02-2023

ATTENDANCE SHEET

Sl.No.	Name	Signature
18	Ajitha	
19	Bindu	
20	Sandhya	
21	Jamuna .NP	
22	Leela	
23	Majitha Faosana .UIP	
24	Aranya .K.P	
25	Kadeejathul nubashira .V.K	
26	mahreen .P	
27	Subisha	
28	Aravutha	
29	Fathima Sheerin.	
30	Fareeda	
31	K. Nagana.	
32	KAMARIBAN .K	
33	Mohamed Najeeb .Pm.	 K.K.K 09/02/23
34	Huseina .V	

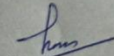
EMEA COLLEGE OF ARTS & SCIENCE, KONDOTTY

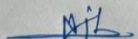
(RE-ACCREDITED WITH 'A' GRADE BY NAAC)



CERTIFICATE

Certified that Dr./Prof./Mr./Mrs./Ms. NASIRA BANU K has participated /chaired a session/presented a paper on the topic in the Extension Programme for Kudumashree Units, Pallikkal Grama Panchayath on "Discussion of Kerala Budget 2023-24 and its Impact on Rural Women" organized by the PG and Research Department of Economics, EMEA College of Arts & Science, Kondotty on 9th February, 2023 at Health Centre, Kumminiparamba.


Coordinator


HoD, Economics


Principal

Photos





Karipur, Kerala, India
4WPQ+2GM, EMEA College - Airport Rd, Karipur, Kerala
673647, India
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Long 75.938866°
09/02/23 03:54 PM GMT +05:30


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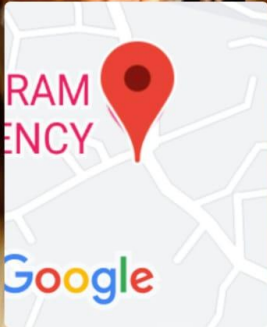


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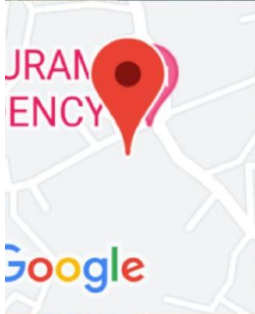
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 GPS Map Camera



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EMEA: Training Programme

PROGRAMME REPORT OF ONE
BOOK ONE STUDENT
CHALLENGE AND COMMUNITY
LIBRARY INAUGURATION 2022

Organized by

LIBRARY CLUB

SHIHAB THANGAL CENTRAL LIBRARY AND RESEARCH CENTRE

In association with

Internal Quality Assurance Cell

EMEA College of Arts & Science, Kondotti

EMEA COLLEGE OF ARTS & SCIENCE

Kumminiparamba PO, Kondotty
Malappuram DT, Kerala, Pin: 673 638
Web: www.emeacollege.ac.in
Mail: mail@emeacollege.ac.in



EMEA COLLEGE LIBRARY CLUB

ONE BOOK ONE STUDENT CHALLENGE

ഒരു പുസ്തകം
ഒരു വിദ്യാർത്ഥിനി



**DONATE
A BOOK
TO SET UP A
VILLAGE LIBRARY**

2022

FEBRUARY

22 TO

MARCH

02

In Association with IQAC

Community library Book collecting Programme brochure

One book one student challenge is an initiative by the library club of EMEA college of arts and science in order to collect books from the students for setting up of a community library. The programme was meant for collecting books from students of the different departments of the college in such a way that at least one student can contribute a book. These collected books can be utilized for setting up of a community library in the Kumminiparamb locality. The programme one book one student challenge was started on February 22nd 2022 and extended till March 2nd 2022. As part of this programme a box was kept for putting the donating books at the main entrance of the college. Teachers of the different departments also contributed to the community library. Books were also handed over to the librarian by the students and teachers as part of the programme. Around four hundred books were collected for setting up of the library and most of them were in the Malayalam language. The community library was arranged inside the Arts and sports club of the locality.



Mohammed Shafi T, Assistant professor, West Asian Studies, EMEA College donating books to community library



Aswathy C, Undergraduate student, Department of Microbiology donating books to community library



Shiji Thomas, HOD, Department of Microbiology, EMEA College donating books to community library



Zaheera Banu, Assistant professor, Department of Biochemistry donating books to Community library



Students of different departments hand overing the books to the Principal Lt. Abdul Rasheed for the community library as part of One book one student challenge

LIBRARY CLUB
EMEA COLLEGE OF ARTS AND SCIENCE
KONDOTTI, MALAPPURAM
Re-accredited with ' A' Grade by NAAC



**COMMUNITY
LIBRARY
INAUGURATION**



An Initiative of EMEA College Library Club

Community Library is an initiative to promote reading among the public by providing Library facility free of cost.

INAUGURATION :

P.K. Basheer M.L.A

(Gen: Secretary, EMEA Institutions)

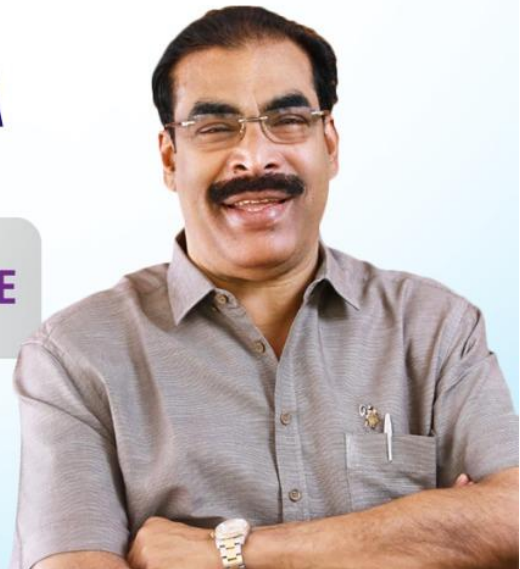
2022 JULY
SATURDAY

30
5 PM

📍 **EMEA COLLEGE**

**Join us in our Book
Donation Campaign**

Language:
English/ Malayalam



Program brochure of community library inauguration

Library extension service is an effort to increase the number of its users to make the maximum use of its resources. It is an attempt to turn the library into a social center which encourages reading. This will lead to creating social awareness among the users' community. Library extension services have been successful to create a positive impact on society. Setting up a community library is a library extension activity. Community libraries are established owned and managed by and for a specific community, clearly based on community needs. As an extension activity of the EMEA library club an EMEA community library was developed for the Kumminiparamb locality. Kumminiparamba is a small Village in Kondotty Block in Malappuram District where the college locates.

The books contributed by the students as part of One book one student challenge were taken for setting the community library. The inauguration of the community library was done by PK Basheer, the MLA and Secretary of the college by hand overing the books to the secretary of the Kumminiparamb club on 30th July 2022 at 5 pm. The event was held at the main entrance of the college. The principal of the college Lt. Abdul Rasheed sir, Club co-ordinators Dr. Mahjabeen Aydeed, Librarian and Mr.Firoz T.K, HOD, Department of WAS and the library club members also participated in the program.



P.K.Basheer, the MLA and the secretary of the EMEA college inaugurating the community library by hand overing the collected books to the Kumminiparamb club secretary

EMEA Community library will surely benefit the people of the locality since no other libraries are there for the local people for reading and enrichment in the kumminiparamb village. The secretary and the MLA congratulated the team library club for the efforts taken for setting the community library.

Report prepared by

Dr. Mahjabeen Aydeed
College Librarian
EMEA College of arts and science, Kondotti

P.G DEPARTMENT OF MICROBIOLOGY

EMEA COLLEGE OF ARTS AND SCIENCE, KONDOTTI
EXTENSION PROGRAMME (2022-2023)

“PUNCH THE HEAT WITH A NICE COOL TREAT”

Summer campaign in schools

(Diseases and backstops)



Re-accredited with 'A' Grade by NAAC

SL NO

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DEPARTMENT OF MICROBIOLOGY
EMEA COLLEGE OF ARTS AND SCIENCE, KONDOTTY
(Re-accredited with 'A' Grade by NAAC)



**EXTENSION ACTIVITY
FOR A BETTER TOMORROW**



**PUNCH THE HEAT
WITH A NICE
COOL TREAT**

**Summer Campaign in Primary Schools
(Diseases & Backstops)**

02 March 2023

2. INTRODUCTION

The PG Department of Microbiology at the EMEA College of Arts and Sciences puts a strong emphasis on the students' overall development by planning a variety of extracurricular activities to instill in them a sense of community service and humanitarian values by exposing them to the neighborhood. The department organizes an awareness campaign for primary school students about summer diseases and their preventive intervention measures. The students emphasized different healthy lifestyle practices to avoid illness and encourage overall wellness.

During the academic year 2022–2023, the PG Department of Microbiology organized an extension activity entitled “PUNCH THE HEAT WITH A NICE COOL TREAT” on 2nd March 2023. The program was held for primary school students of GMLP SCHOOL KUMMINIPARAMBA and GMUP SCHOOL KUMMINIPARAMBA by the students of Microbiology. They shared their knowledge about summer diseases, their symptoms, and some precautions. Applying their subject knowledge and their interactions with younger ones improved proficiency and social responsibility

3. OBJECTIVES


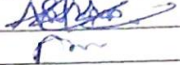



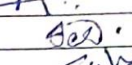

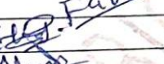


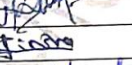


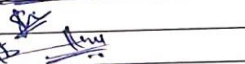


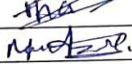
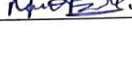


- To fix a sense of community service and humanitarian values in the students of Microbiology by exposing them to the neighborhood
- To create awareness in the local community about the summer diseases and countermeasures that would help reduce them.

4. PROGRAMME DESCRIPTION

The program was held at GMLP SCHOOL KUMMINIPARAMBA and GMUP SCHOOL KUMMINIPARAMBA presided by MS. Rasiya. K T, program coordinator. The presentation part was handled by Hannath T.K., (1st year MSc Microbiology student). The students shared their understanding of certain kinds of health issues that are commonly seen in summer. They discussed sunburn, cholera, jaundice, diphtheria, chicken pox, eye disease, etc in a detailed manner. They made a beautiful, attractive presentation to captivate the children about the issues in an easy way. The session also shared the concepts of environmental sanitation and the importance of personal hygiene.

5. PROGRAMME MEMBERS

PROGRAMME MEMBERS

SL.NO	NAME	Signature
1	HANNATH TK	
2	AHLAM E	
3	AMINA ABDULLA CA	
4	ANSHIFA JASMIN K	
5	AYSHA NOUREEN T	
6	AYSHA ABDULLA CA	
7	AYSHA JERSHANA	
8	FATHIMA HIBA VALAPRA	
9	FATHIMA HUDHA MK	
10	FATHIMA INAS AP	
11	NIHILA CHUKKAN	
12	NISHNI	
13	RINSHA P	
14	SHABEEHA	
15	SHAHNA VT	
16	SHAMNA E	
17	SHIMNU MK	
18	SUHANA K	
19	THAIFA BEEVI	
20	MOHAMMED AZHAR	

PG DEPARTMENT OF MICROBIOLOGY

6. PHOTOES

Programme at GMLP SCHOOL KUMMINIPARAMBA



Programme at GMUP SCHOOL KUMMINIPARAMBA



PG DEPARTMENT OF MICROBIOLOGY

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PG DEPARTMENT OF MICROBIOLOGY

REPORT ON

KNOW YOUR LOCAL HISTORY

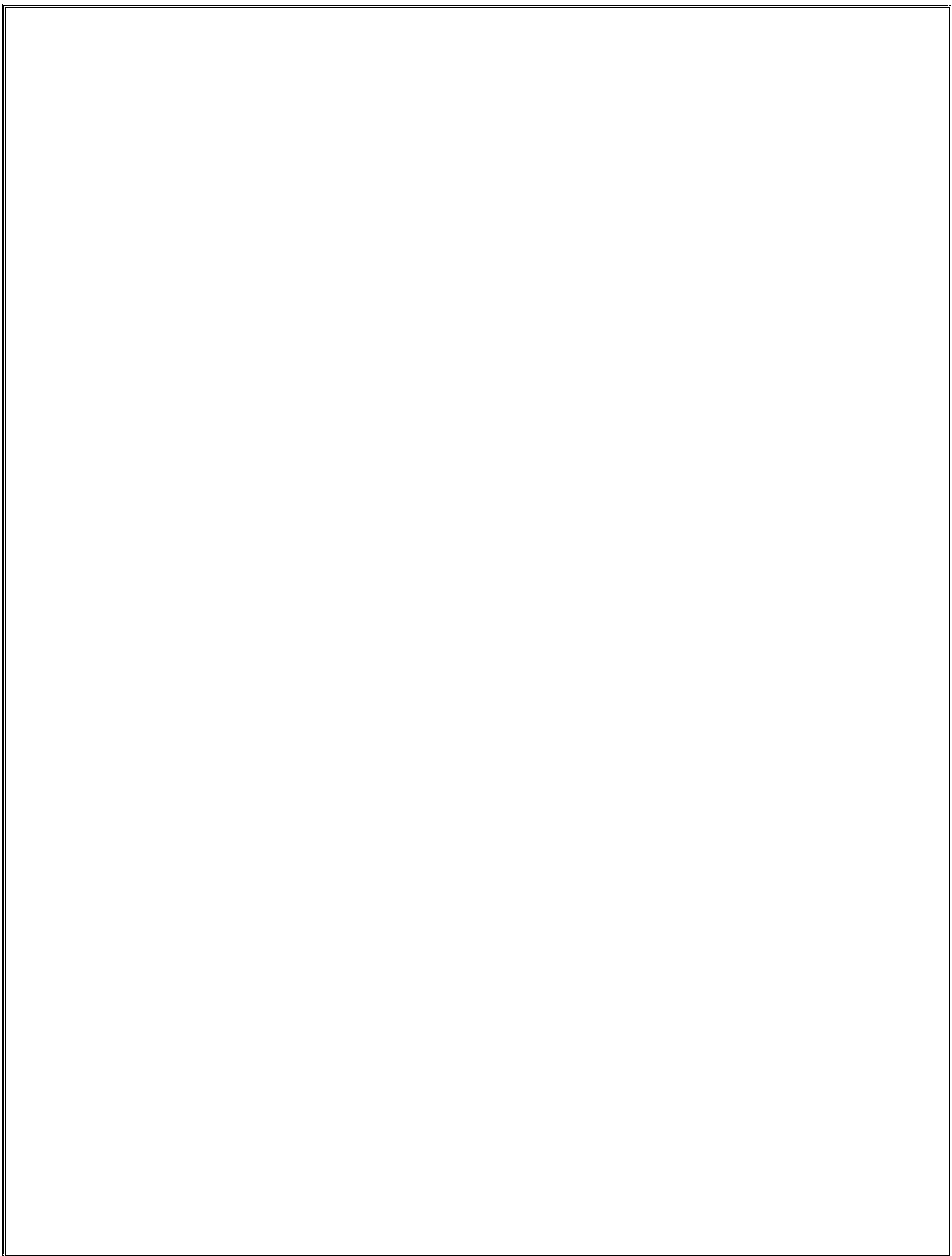
(HISTORY OF PLACE NAMES
WORKSHOP AND DOCUMENTATION FOR
SCHOOL STUDENTS)

Organized by Social science club GLP School kumminiparambu
PG Department of History and West Asian Studies

on

18-10-2022

EMEA College of Arts and Science, Kondotti



**PG DEPARTMENT OF HISTORY & WEST ASIAN STUDIES
EMEA COLLEGE OF ARTS AND SCIENCE**



Re-accredited with 'A' Grade by NAAC
KONDOTTI, MALAPPURAM

Extension & Community Outreach Programme

KNOW YOUR LOCAL HISTORY

(History of Place Names
Workshop & Documentation
for School Students)



SESSION 1

Guest:

SABNA. K

Research scholar,
PG & Research Department of History,
Farook college



SESSION 2

Dr.NIZAR U

Asst. Prof. Department of
West Asian Studies



2022 **18** @GMLP School
October Kumminiparambu

..... In association with

Social Science Club - GMLP School & Histoclub, EMEA College

Coordinator : **Dr.Nisar.U**

REPORT

Local history is the study of history in a geographically local context, often concentrating on a relatively small local community. It incorporates cultural and social aspects of history. Local history is not merely national history writ small but a study of past events in a given geographical area which is based on a wide variety of documentary evidence and placed in a comparative context that is both regional and national. Historic plaques are one form of documentation of significant occurrences in the past and oral histories are another.

Local history is often documented by local historical societies or groups that form to preserve a local historic building or other historic site. Many works of local history are compiled by amateur historians working independently or archivists employed by various organizations. An important aspect of local history is the publication and cataloguing of documents preserved in local or national records which relate to particular areas.

In a number of countries, a broader concept of local lore is known, which is a comprehensive study of everything pertaining to a certain locality: history, ethnography, geography, natural history, etc.

The extension activities at GLP School kumminiparambu provides an arena in which the college join hands with the neighbourhood community, reviews their concerns and does the best to ensure community welfare. The PG Department of History and West Asian Studies organised a historical awarnes class at GMLP School kumminiparambu for school students as part of the extension and community outreach programme on 18th October 2022.

The programme was organised by Dr.Nisar U.The awarness class conducted by Sabna .k [Research scholer ,PG and Research department of History,Farook College] for the students of GMLP School, Kumminiparambu and almost 40 students from IVth standard participated in it. The exhibition aimed to give a detailed view of local antique items and place names for Lp school students on nighbering areas. it help to identify the local heritage and place names of local areas.

Participants will:

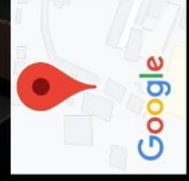
- gain new perspectives on local history

- discover how to locate and use new primary and secondary sources
- learn how to write and present well for different audiences, both established and new.





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673638, India
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**REPORT ON EXTENSION AND COMMUNITY OUTREACH
PROGRAMME**

HISTORICAL & ANTIQUE EXHIBITION



Organised by PG Department of History and West Asian Studies

EMEA College of Arts and Science

on

18th October 2022

**PG DEPARTMENT OF HISTORY & WEST ASIAN STUDIES
EMEA COLLEGE OF ARTS AND SCIENCE**



Re-accredited with 'A' Grade by NAAC
KONDOTTI, MALAPPURAM

Extension & Community Outreach Programme

**HISTORICAL &
ANTIQU
EXHIBITION**

2022 **18**
October

@ Malabar Heritage Museum
EMEA College



The extension activities at colleges provides an arena in which the college join hands with the neighbourhood community, reviews their concerns and does the best to ensure community welfare. The PG Department of History and West Asian Studies organised a historical exhibition at college for school students as part of the extension and community outreach programme on 18th October 2022.

The programme was organised by Dr.Nisar U.The antique exhibition was conducted for the students of GMLP School, Kumminiparambu and almost 40 students from IVth standard participated in it. Fullfledged college musium was an attraction for the kids.The exhibition aimed to give a detailed view of local antique items and heritage specimens for Lp school students on nighbering areas. it help to identify the local heritage and preservation of local antiques.

