



PROVIDENCE WOMEN'S COLLEGE

Re-Accredited with grade A+ by NAAC

DBT Star College

COLLEGE WITH POTENTIAL FOR EXCELLENCE [2016-21]

DEPARTMENT OF ZOOLOGY

NEWSLETTER - 2022-23

ACADEMIC TALKS

CAREER ORIENTATION

ENVIRONMENTAL AWARENESS

CERTIFICATE COURSES

- **Subject Oriented & Value Based**

SKILL DEVELOPMENT PROGRAMME

COMMEMORATION OF IMPORTANT DAYS

INSTITUTIONAL VISITS

FIELD STUDY

LOCAL PROJECTS

EXTENSION WORK

- **Subject Based & Social Needs**

DEPARTMENT OF ZOOLOGY

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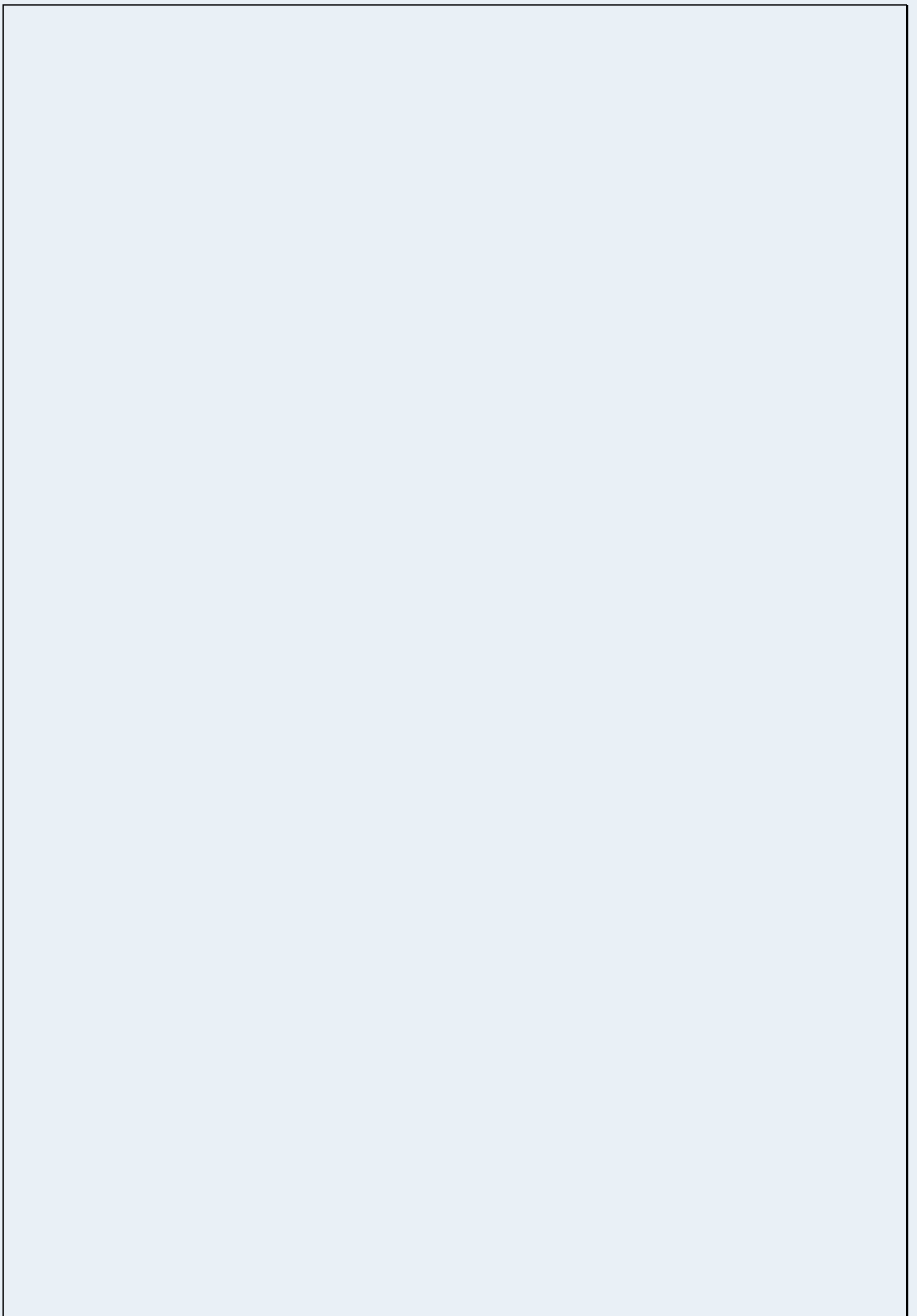
zoologypwc@providencecollegecalicut.ac.in

Being one of the oldest departments to be established right from inception of the institution. It serves to inculcate social responsibilities and serve the society by not only becoming Teachers, Scientists, Environmentalists but also responsible citizens who bridge the gap between science and common man. The very ethos of the department is to enable students to imbibe the values of discipline, hard work, cooperation, team spirit, tolerance and communal harmony. Academic and personal counseling motivate the students to “Set goals high and Dream high” and achieve success.

A host of co-curricular activities are organized every academic year to make learning beyond the class room, activities include seminars, workshops, invited talks, community service and outreach programmes. The department is furnished with spacious lab, museum and infrastructure for practical learning and also promoting the use of ICT. The Department has accumulated a store house of knowledge, with various books and journals. Apart from the lecture method, the interactive method, project-based learning, computer-assisted learning, experiential learning, seminars and other methods of teaching are in practice.

Faculty

1. Dr. Nishi Ann	Assoc. Professor & Head
2. Dr. Sangeetha G. Kaimal	Asst. Professor
3. Dr. E. Julie	Asst. Professor
4. Ms. Manju Devaraj	Asst. Professor on Contract



CAREER ORIENTATIONS

On 23rd June, [Career Options in life sciences](#)- a talk on career guidance was conducted in department by Mr. Shywinth and Mr. Shibin, research scholars & Director of Alchemy Institute.



25th January, Ms. Dinu N. Research Scholar, took class on Career guidance- [“Higher options in Zoology”](#).



ACADEMIC TALKS

On 24th June, Institutional visit to Kerala Veterinary & Agricultural science University, Pookode, Wayanad.

- Talks by Dean and scientists
- Visit to animal farms- Rabbit, fowl, emu guinea fowl
- Museum visit



25th Sept, a workshop on '**Research Ethics Principle In Action**' was conducted online on zoom platform. The session covered topics like research ethics, research planning & execution, the control and over sight of research process, scientific misconduct and plagiarism.

29th Sept, **Heart day celebration - Heart Walk** was conducted by the dept a walk from Mananchira to Town Hall to Beach was conducted.






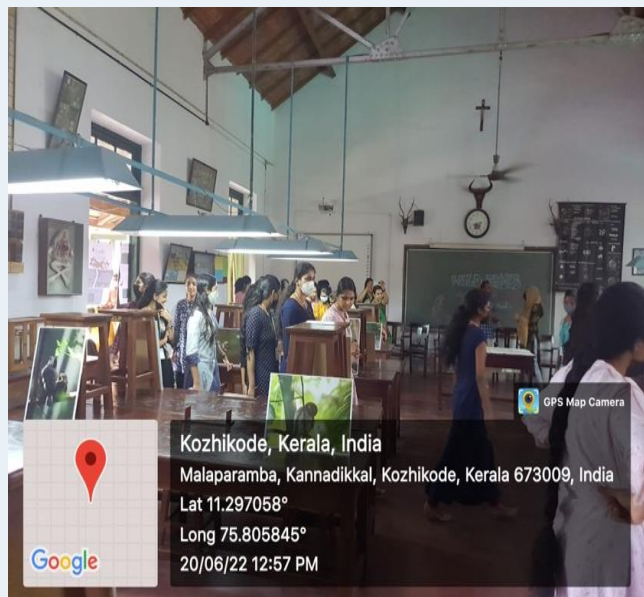
ENVIRONMENTAL ACTIVITIES

On 20th June a Wildlife Photo Exhibition –“Wild Trails” was held in department by Mr, Ashwanth, Research scholar & wildlife photographer on the event of Environmental day.

DEPARTMENT OF ZOOLOGY
Providence Women's College
Presents
"WILD TRAILS"
Wildlife Photography Exhibition



Mr. Aswanth M
Wildlife Photographer
Date: 20/6/2022
Time : 12:30 pm
Venue:Zoology department
All are cordially invited





24 & 25 June, the two day Nature study camp at Wayanad wildlife sanctuary, Muthanga range, Wynad

- Class on Wildlife conservation by Forest officials
- Elephant management techniques
- Forest trekking
- Visit to Elephant camping site
- Clearing out invasive species of plant from the sanctuary, Senna sps

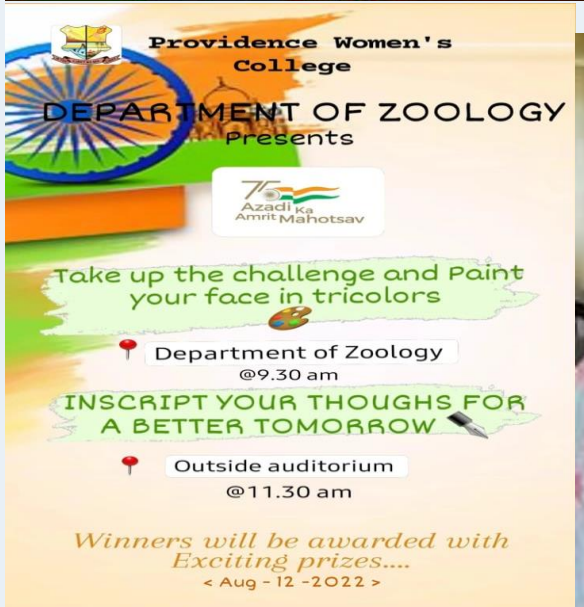


October first week wild life week was celebrated with various competitions. A photo-exhibition **Endemics of Western Ghats** was conducted.



75th Independence Day celebrations

12th to 14th August, 'Azadi Ka Amruth Programme'- was conducted by the department. Face painting competitions was held in dept. 'Har Ghar Tiranga' programme of distribution of National flag to residents was done.



Activity I- Har ghar tiranga : distribution of national Flag



10th October, an awareness class on “Breast Cancer Awareness” was conducted by Dr. Febin, Gynaecologist of Malabar Hospitals, Calicut for the students.

www.malabarthospitals.com

സൗജന്യ സ്തനാർബുദ ബോധവൽകരണ ക്ലാസ്

2022 ഒക്ടോബർ 10 തിങ്കളാഴ്ച

സമയം: ഏ.രാവിലെ 9:30 മുതൽ 11:30 വരെ
 സമയം: ഉച്ചയ്ക്ക് 2:30 മുതൽ 3:30 വരെ

ഡോ. ഫ്രീഡ് ഫ്രീഡ്
 Dr. FREED FREED

ഒരു ക്ലാസ്സിൽ വിവിധ തരം കോളർ ക്യാൻസറുകളും മെമ്പർ കോൺസിൽറ്റേഷൻ ഏജൻസിയായും അംഗീകൃതമായി ഒരു, ഹോമിൻ ഫിസിയോളജി അനുബന്ധിച്ച് സൗജന്യ വിതരണവും അടയാൽകരണ ക്ലാസ് നടത്തുന്നു.

പിന് ഒക്ടോബറിൽ സമയം 30 വരെ
 മുൻകൂട്ടി ബുക്ക് ചെയ്യുന്ന 200 പേർക്ക്
മാറ്റൊഴുക്ക് 55% കിഴിവോടുകൂടി
 തിരഞ്ഞെടുക്കുന്നു.

40 രാജ്യ സർവ്വീസ് വിന്യാസങ്ങൾ
 24x7x365 പരിരക്ഷാ സേവനങ്ങൾ
 ബുക്ക് ചെയ്യാൻ വിളിക്കൂ ☎ **9544063336**

malabar hospitals
 Kozhikode Junction, Erangudi
 Kozhikode, Kerala - 673009
 0495 2367000 | 9745323232
 @malabarhospitals



17th October, a talk on “Vegetable gardening in Changing Climate” was conducted by the officials of Krishibhavan, Govt of Kerala, Feroke. Ms. Aparna, agricultural Officer, Krishibhavan inaugurated the function. Ms. Rehana C.M, Asst. Agricultural Officer. Vegetable seed distribution was also done.

PROVIDENCE WOMEN'S COLLEGE, CALICUT
DEPARTMENT OF ZOOLOGY
 Talk on
**VEGETABLE GARDENING
 IN CHANGING CLIMATE**

DR. APARNA K.S.
 AGRICULTURAL OFFICER
 KRISHI BHAVAN, KADALUNDI

10:30 am
 17/10/2022

MV HALL
 PROVIDENCE WOMEN'S COLLEGE,
 CALICUT



PROVIDENCE WOMEN'S COLLEGE
DEPARTMENT OF ZOOLOGY
 presents...
**SEED DISTRIBUTION FOR
 VEGETABLE FARMING**

BY
SMT. REHANA CM
 ASSISTANT AGRICULTURE OFFICER
 KRISHIBHAVAN KADALUNDI

17-10-2022
10:30 AM
VENUE : MV HALL



Kozhikode, Kerala, India
 Providence College Bus Stop, Kannadikkal, Kozhikode,
 Kerala 673009, India
 Lat 11.297033°
 Long 75.805783°
 17/10/22 11:51 AM GMT +05:30



On 7th November, The Rank holder of the batch 2021-22 was felicitated, Ms. Naveena E. got the 8th Rank under the Calicut University.

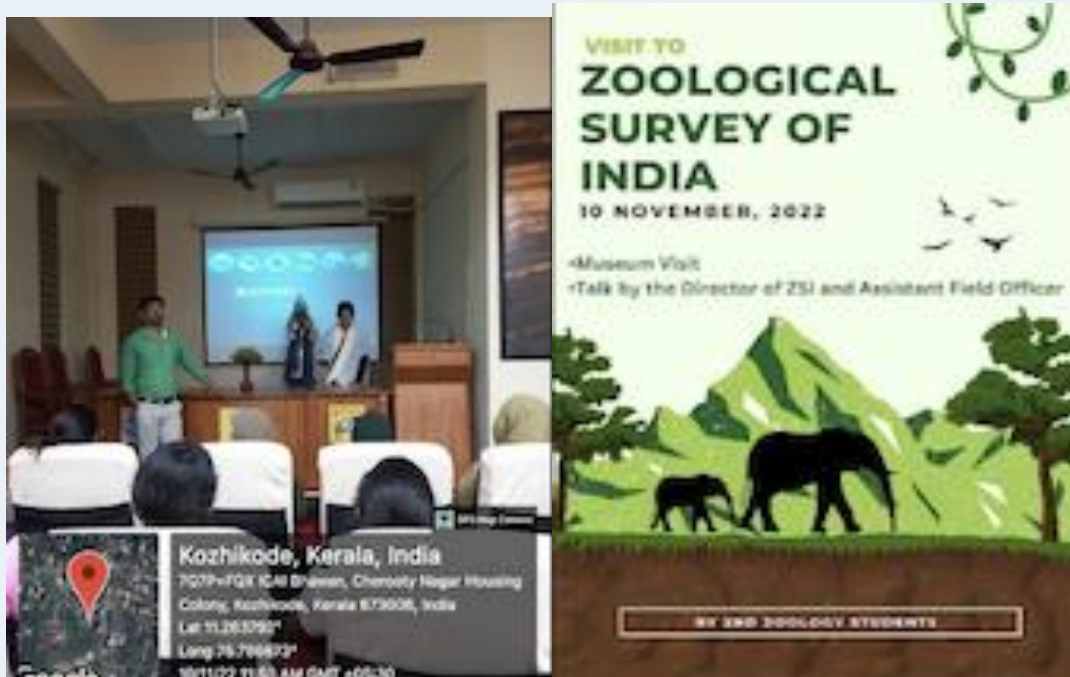


The manuscript magazine, of the dept "**Nautilus**" was released on 7th November by our Principal Dr. (Sr.) Ashmitha A.C.



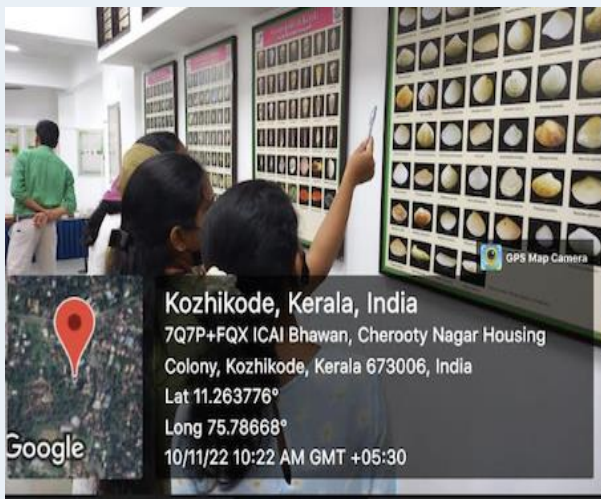
10th November, Institutional visit of 2 DC to **Zoological Survey of India**, Calicut.

*Talk by Director of ZSI *Talk by Scientists * Visit to Museum





11th November, Institutional visit of 1DC to Zoological Survey of India, Calicut.
:Talk by Director of ZSI *Talk by Scientist * Visit to Museum



9-13th January, Study trip was conducted for 3 DC to Goa. : Visit to National
Institute of Oceanography *Dolphin watch *Faunal diversity at sandy shore
and rocky shore.



23rd January, Zoology Association inauguration by Mr. Latheef .C, Divisional Forest Officer, Calicut. He spoke about 'Man-Animal Conflicts' along the forest borders.



FIELD STUDY / TRIPS

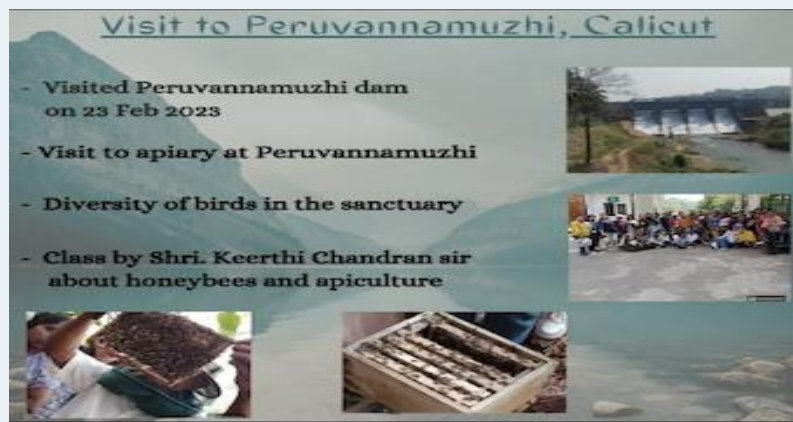
31st Jan & 1st Feb. Nature study camp at Parambikulam Tiger Reserve, Anakatty. Palakkad Range. Class by forest officials * Museum visit * Forest trekking



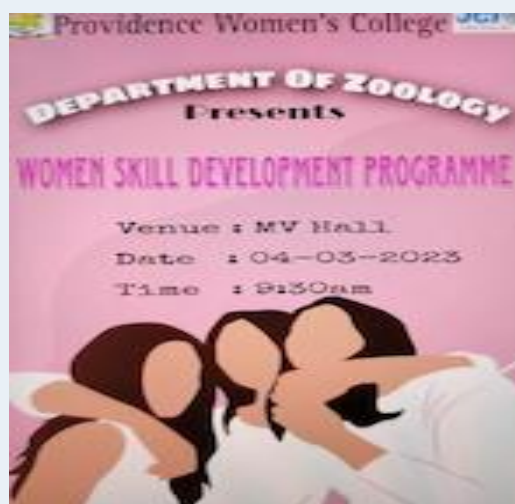
18th Feb, Field trip to Kadalundi Bird Sanctuary & Mangrove Reserve Forest by 3 dc students. *Avifauna at mangrove *Mangrove adaptations *Seabirds adaptations



The final Dc girls visited Peruvannamuzhi, Calicut on 23rd February, 2023 for field study. Visited Apiary and Apiculture.



4th March, Women Skill Development Programme was conducted in the department by JCI, Ramanattukara.



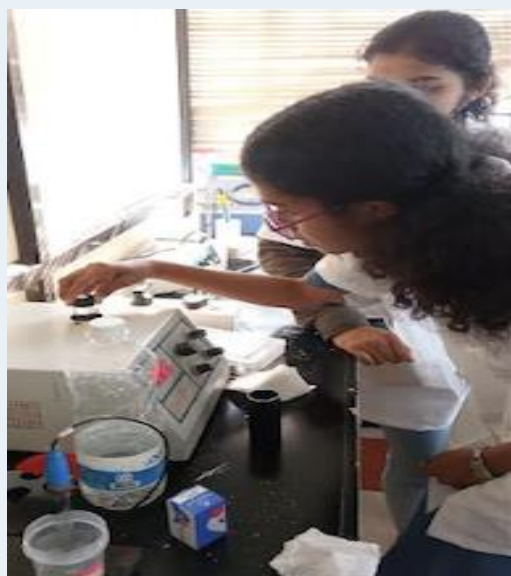
CERTIFICATE COURSES

Subject Oriented @ Value Based

They were conducted in Institutions on which the dept has MoU.

No.	Name of Course	Conducted	Fees	Class & Strength	Institution Associated

1	Water Analysis	October,2022	300/-	III sem:32	Amplicon Biolabs, KINFRA, Malappuram
2	Detection of Food Adulterants	October,2022	300/-	III sem:32	Biomed, Calicut University campus.
3	Basics in Molecular Biology, Microbiology & Bioinformatics	December, 2022	2000/-	VI sem: 41	Amplicon Biolabs, KINFRA, Malappuram
4	Detection of Adulterants in Food	January, 2023	300/-	II sem :28	BioMED, Calicut University campus.
5	Gender & leading social change	March, 2023	II, IV, VI sem	41+32+28 =101	JCI, Ramanattukara





EXTENSION ACTIVITIES

BLOOD DONORS FORUM: 2022-23

Blood Donors Day-1 Oct was celebrated. A Poster Exhibition was done by the students. It had information on need of blood donation, different blood groups, transfusion parameters and the girls who donated blood last year.

Blood Grouping Camp was conducted on 29th & 30th Sept, 22. First year students of UG & PG participated and the Blood group directory was updated.

Voluntary Blood donation camps were conducted

No	Date	Associated Hospital	No. Donated
1	27-Oct-22	Govt. Medical College, Calicut	47
2	09-Dec-22	Govt. Women & Child Hospital, Calicut	66
Total donated			113



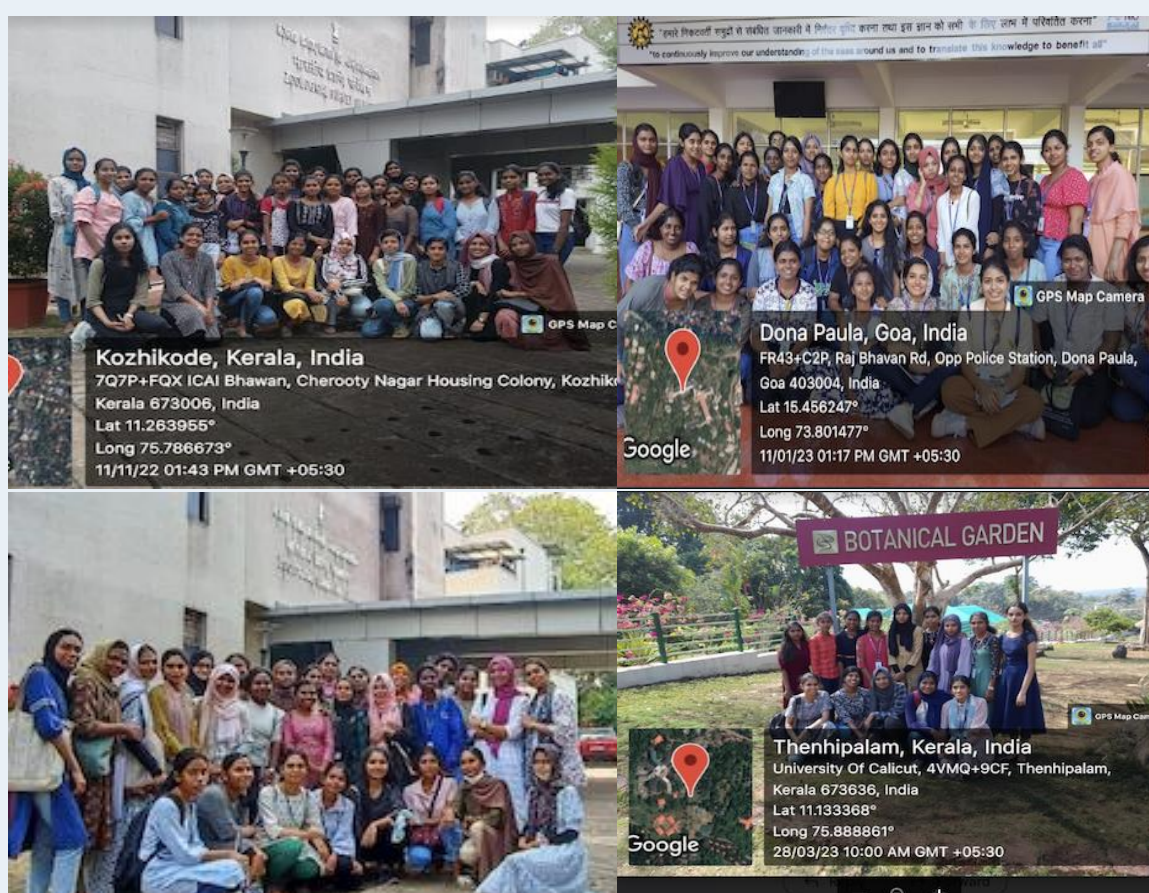


R & D Cell: 2022-23

INSTITUTIONAL VISITS: Lecture sessions on Animal Diversity & Museum visits.

- Zoological Survey of India, Calicut- Faunal Diversity In Western Ghats.
- National Institute of Oceanography- Marine Diversity In Indian Ocean.
- Botanical Garden, University of Calicut-Plant diversity

No.	Name of Institution	Class	Date	Strength
1	Zoological Survey of India, Calicut	II sem	10-10-22	32
2	Zoological Survey of India, Calicut	I sem	11-10-22	28
3.	National Institute of Oceanography, Goa	VI sem	11-01-23	41
4.	Botanical Garden, University of Calicut, Malappuram.	I sem	11-10-22	28



Lecture sessions & Lab sessions on Instrumentation.- *Amplicon Biolabs, KINFRA.* Biomed, Calicut University Campus.

No.	Name of Institution	Class	Date	Strength
1	Amplicon Biolabs, KINFRA.	III DC	21-01-23	41
2	Amplicon Biolabs, KINFRA.	III sem	23-01-23	32

3	Biomed, Calicut University Campus.	IV sem	25-02-23	32
4.	Biomed, Calicut University Campus.	II sem	28-03-23	28



PROJECT PRESENTATION:

No.	Name of Project	No.of students
1	Effects of heavy metal toxicity in biochemical parameters of freshwater fishes.	11
2	Isolation and characterization of endophytic bacteria from the leaves of cyathium cinereum.	10

3	Identification of cellulolytic bacteria from the gut of termites	10
4	Hosted antioxidant activity and methane leaf extract of medicinal plants.	10

Parent- Teacher Meeting at Department.

Class	Month
III DC	July 2022
II DC	November 2022
I DC	March 2023

EXTENSION ACTIVITY- COMMUNITY BASED

The students Undergo compulsory Social Service Activity in the neighbouring villages during free hours and holidays. They render their help in panchayat offices and work along with Governmental and Non-Governmental Organisation, bringing about welfare of the people. The work rendered are the following.

1. Services at different Anganwadis
@Malaparamba, @Kundumpurath, @koottoli, @South Beach, @kunduparamba @ Beypore @ Nedumkandam @ Kunnamangalam @ paropaddy. *Making study posters *Drawing class *Making vegetable garden *Teaching basic language
2. Distribution of National flags to residents - *Har Ghar Thiranga* programme
3. Removal of invasive species of Senna Sps., at Wayanad wildlife sanctuary
4. Voters ID information collection for different panchayats.
5. Office file stacking at Kuruvattor grama panchayath.
6. Two blood donation camps were held. Total of 115 donations were made.
7. Blood grouping camp was conducted.

8. Blood group directory was made for different resident associations.
9. Poster campaign against Drug abuse was done in different panchayats.
10. Campaign against malaria and distribution of disinfectant to houses.
11. Distribution of vegetable seeds to faculty and neighbouring houses.
12. Making chappathis for people at Mental hospital, Calicut.
13. Helping hand-Old age homes @ Mea Home, @Karuna Bhavan @ Free birds malaparamba.
14. Cleaning the surroundings of Govt. UP School, Balussery.
15. Conducted NCD Survey- on Lifestyle Diseases @ Balussery.



**Cleaning at Gov.up school
 Balussery**



Kozhikode, Kerala, India

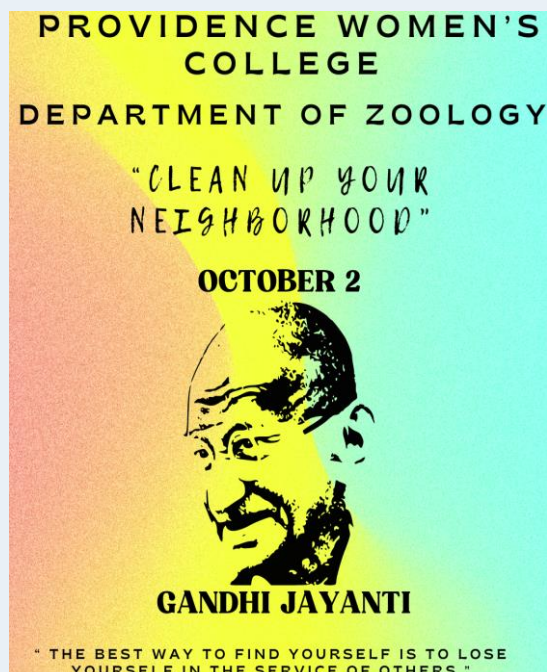
7RRP+FMJ, Muzhikkal, Kozhikode, Kerala

673008, India

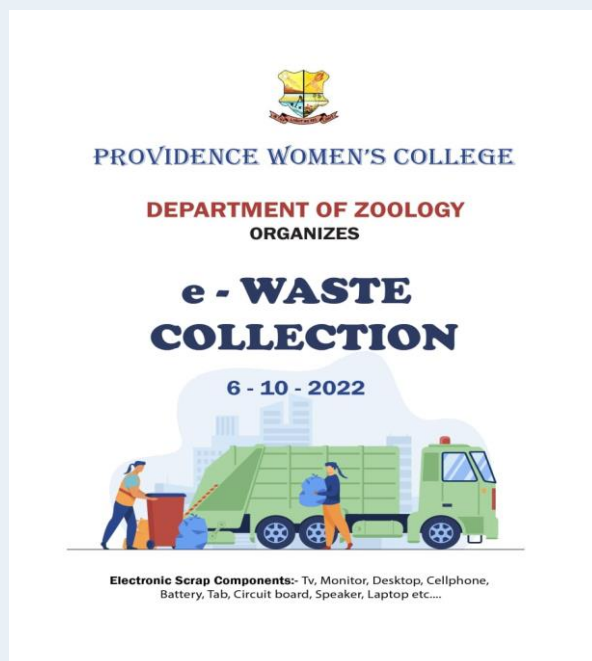
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Long 75.838028°

2nd OCTOBER 2022 -As part of Gandhi Jayanti, we conducted a programme “CLEAN UP YOUR NEIGHBOURHOOD”, the students cleaned their surroundings as part of it.



6th OCTOBER 2022- The department organised e-waste collection to collect electronic scrape components like TV, monitor, cell phone, speaker, laptop etc



PROVIDENCE WOMEN'S COLLEGE

DEPARTMENT OF
ZOOLOGY

presents

EXHIBITION AND BLOOD
DONATION SURVEY

