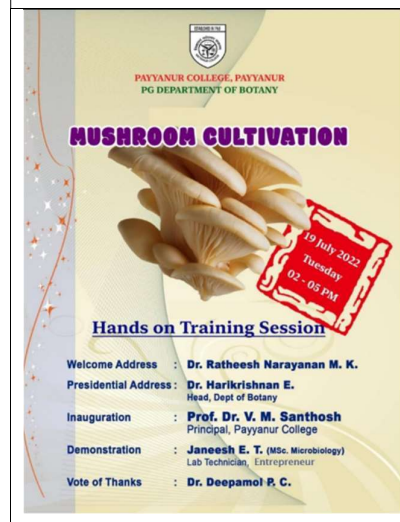


**2022-23**

**ENTREPRENEURIAL REPORT ON MUSHROOM CULTIVATION TRAINING  
SESSION**

Organizing Department/Agency	Botany
Date & Time	19/07/2022, Time: 2 PM
Name of the Programme	Entrepreneurial Report on Mushroom Cultivation Training Session
Brief Description of the Programme	<p>The PG Department of Botany conducted a practical training session on Mushroom Cultivation on July 19, 2022. The program, hosted at the College Botany laboratory, aimed to provide participants with essential skills for mushroom cultivation.</p> <p>Speakers: Dr. Ratheesh Narayanan M.K., Dr. Harikrishnan. E and Prof. Dr. V.M. Santhosh provided insights into the importance and innovation of mushroom cultivation, new investment opportunities, and its significance in the food industry.</p> <p>Trainer: Mr. Janeesh E.T., Lab Technician at RARS Pilicode, conducted a hands-on session covering spawn preparation, mushroom bed creation, farm design, pest management, harvesting, and marketing strategies.</p> <p>Active Participation: Students actively engaged in the training, preparing mushroom beds individually, fostering practical skills and an entrepreneurial mindset.</p> <p>Conclusion: The program successfully concluded with a vote of thanks from Dr. Deepamol. P.C., Assistant Prof., PG Department of Botany. The hands-on approach and active student participation showcased the potential for entrepreneurship in mushroom cultivation.</p>
Target Group of Participants	Students of the P.G Department of Botany, Payyanur College.

Collaborations (if any)	Nil
No of the Participants	60 students
Resource Persons/Chief Guests	Mr. Janeesh E.T.(Entrepreneur and Instructor)
Amount Spent (Rs.)	2000
Source of Fund	Faculties contribution
Any other Relevant Information	All materials for the program were done by the department faculties itself.



**RESEARCH METHODOLOGY WORKSHOP AND HANDS-ON TRAINING IN  
MICROTECHNIQUE**

Organizing Department/Agency	Botany
Date & Time	04/08/2022: Time: 11 AM to 4 PM
Name of the Programme	Research Methodology workshop and hands on training in Microtechnique
Brief Description of the Programme	<p>The PG Department of Botany organized a Research methodology workshop and hands-on Training Session to Msc Plant Science students as part of the second-semester MSc syllabus on 4<sup>th</sup> August 2022. The event took place in the second-year PG classroom and the PG laboratory, Payyanur college.</p> <p>Training Highlights:</p> <ul style="list-style-type: none"> <li>• The first session focused on the research methodology to be followed for laboratory research and various aspects of microtechnique in plant anatomy.</li> <li>• Dr. Abdussalam guided the students through the preparation of alcohol series with different concentrations, stain preparation, creation of permanent slides using hand sectioning and serial sectioning, block preparation, whole mount preparation, and maceration techniques.</li> </ul> <p>Motivational Insight:</p> <ul style="list-style-type: none"> <li>• Dr. Abdussalam motivated the students to consider plant anatomical studies as a potential profession in their future careers. He highlighted the increasing demand for permanent slides in biological studies and emphasized that there is currently a scarcity of professionals in this field.</li> </ul> <p>Student Participation:</p> <ul style="list-style-type: none"> <li>• The PG students actively participated in the session by preparing permanent slides using the hand-sectioning method. This hands-on experience not only enhanced their</li> </ul>

	<p>practical skills but also made them integral contributors to the success of the program.</p> <p>Conclusion:</p> <p>The hands-on training session in microtechnique was a commendable initiative by the PG Department of Botany, fostering a deeper understanding of plant anatomical studies among the students. The research methodology session proved to be a valuable addition to the academic curriculum. The students gained theoretical and practical insights into plant anatomical studies and developed essential skills for their future endeavors.</p>
Target Group of Participants	Students of the second semester MSc Plant Science, Department of Botany, Payyanur College.
Collaborations (if any)	Sir Syed College, Taliparamba
No of the Participants	59 students
Resource Persons/Chief Guests	Dr. Abdussalam A.K, Assistant Professor from the PG Department of Botany, Sir Syed College, Thaliparamba, conducted the research methodology class, demonstration and hands-on training session
Amount Spent (Rs.)	1000
Source of Fund	Faculties contribution
Any other Relevant Information	All materials for the programme was done by department faculties itself.



PG DEPARTMENT OF BOTANY  
PAYYANUR COLLEGE, PAYYANUR

RESEARCH METHODOLOGY WORKSHOP  
HANDS ON TRAINING IN MICROTECHNIQUE

DATE 04-08-2022

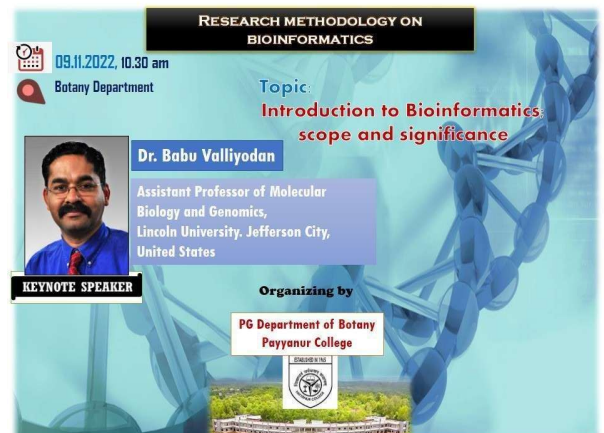
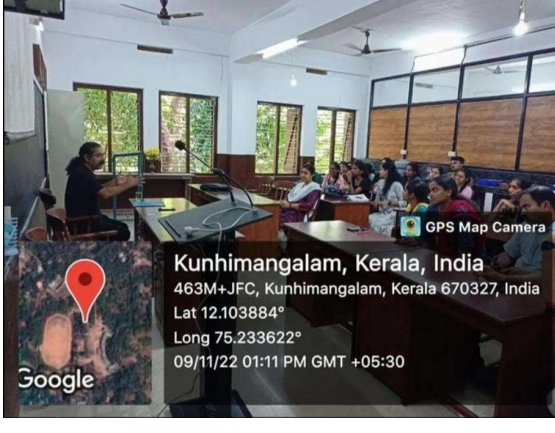
TIME : 11.00 am

VENUE : BOTANY DEPARTMENT

Resource Person : DR. ABDOUSSALAM A.K  
Assistant Professor,  
P.G Department of Botany,  
SIR SYED COLLEGE, Taliparamba



## RESEARCH METHODOLOGY ON BIOINFORMATICS LECTURE SERIES 1

Organising department	Botany
Date & Time	9 <sup>th</sup> November, 2022 Time: 10:30 am -1 pm
Name of the Programme	Research methodology on bioinformatics – lecture series 1
Brief Description of the Programme	P.G. Department of Botany, Payyanur College, Payyanur, Kannur conducted a lecture by eminent alumni of Botany on the topic – Introduction to Bioinformatics, Scope and Significance The programme was conducted at the Department of Botany on 9 <sup>th</sup> November, 2022 in between 10:30am-1pm. Total 22 students from the PG Department of Botany, Payyanur College and other faculties attended the session.
Target Group of Participants	Faculties and Students of the M.Sc. Plant Science, PG Department of Payyanur College.
Collaborations (if any)	Botany Alumni Association, Payyanur College
No of Participants	22
Resource Persons/ Chief Guests	Dr. Babu Valliyodan Assistant Professor of Molecular Biology and Genomics Lincoln University, Jefferson City, United States
Amount Spent (Rs.)	NIL
Source of Fund	NA
	

## RESEARCH METHODOLOGY ON BIOINFORMATICS LECTURE SERIES 2

Organising Department	Botany
Date & Time	25 <sup>th</sup> November, 2022 Time: 10:00 am -1 pm
Name of the Programme	Research methodology on Bioinformatics – lecture series 2
Brief Description of the Programme	<p>P.G. Department of Botany, Payyanur College, Payyanur, Kannur conducted a lecture on the topic – X-ray Crystallography and Structure Determination of Proteins</p> <p>The programme was conducted at the Department of Botany on 25<sup>th</sup> November, 2022 in between 10:00am- 1pm.</p> <p>Total 38 students from the PG Department of Botany and Department of Physics, Payyanur College as well as other faculties attended the session.</p>
Target Group of Participants	Faculties and Students of the M.Sc. Plant Science, PG Department of Botany and Department of Physics, Payyanur College.
Collaborations (if any)	The program was held in association with PTA.
No of Participants	43
Resource Persons	Dr. Geethanandan. K

RESEARCH METHODOLOGY ON  
BIOINFORMATICS

ON THE TOPIC

**X-ray crystallography and structure  
determination of proteins**

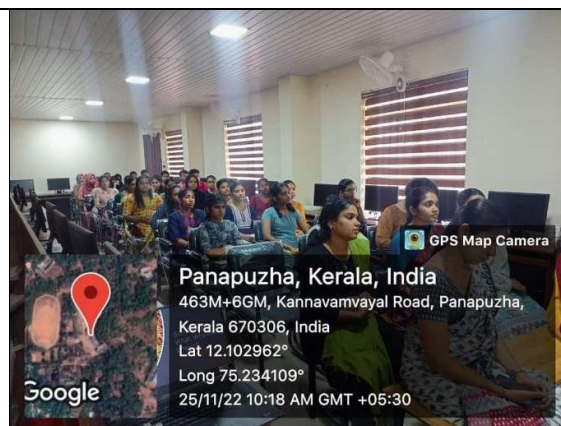
On  
25.11.2022  
Time: 10.00 am  
Venue: Computer Lab, Payyanur College

Organized By  
PG Department of Botany  
Payyanur College  
in Association with PTA

KEYNOTE SPEAKER

Dr. GEETHANANDAN. K  
Principal, MVR Institute of Life Sciences and  
Research Studies, Parassinikkadavu

The poster features a central text box with a black background and white text. It is decorated with green monstera leaves and a blue DNA double helix on the right side. A small logo is visible at the top center.





### RESEARCH METHODOLOGY ON BIOINFORMATICS LECTURE SERIES 3

Organising Department	Botany
Date & Time	15 <sup>th</sup> December, 2022 Time: 10:30 am -4 pm
Name of the Programme	Research methodology and career counselling on bioinformatics
Brief Description of the Programme	<p>P.G. Department of Botany, Payyanur College, Payyanur, Kannur conducted a methodology workshop on the topic introduction to Bioinformatics and Chemoinformatics. The programme was conducted at the Computer Lab on 15<sup>th</sup> December, 2022 in between 10:30am-4pm.</p> <p>Total 29 students from the PG Department of Botany, Payyanur College as well as other faculties attended the session.</p>
Target Group of Participants	Faculties and Students of the M.Sc. Plant Science, PG Department of Botany, Payyanur College.
Collaborations (if any)	NIL
No. of Participants	29
Resource Persons/ Chief Guests	Dr. Aneesh Chandran NA Assistant Professor, Department of Biotechnology and Microbiology Dr. Janaki Ammal Campus, Kannur University
Amount Spent (Rs.)	NIL

Source of Fund

NA

**RESEARCH METHODOLOGY AND CAREER COUNSELING ON BIOINFORMATICS**

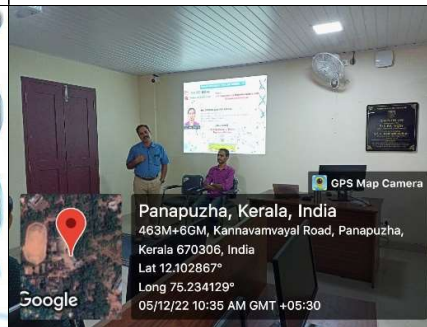
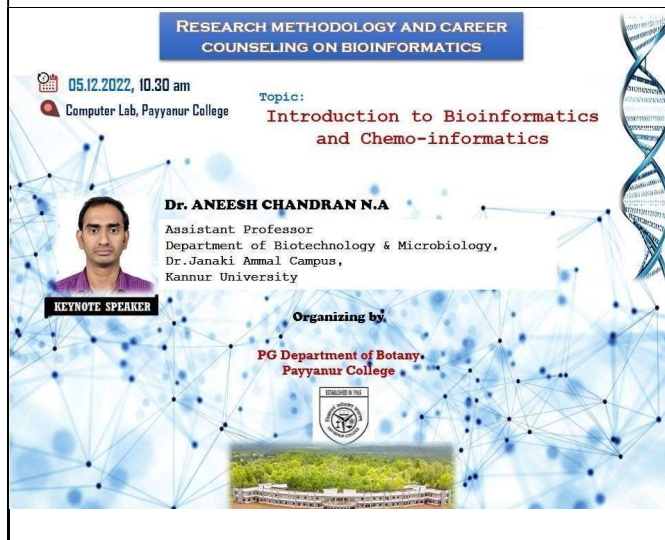
**05.12.2022, 10.30 am**  
Computer Lab, Payyanur College

Topic:  
**Introduction to Bioinformatics and Chemo-informatics**

**Dr. ANEESH CHANDRAN N.A**  
Assistant Professor  
Department of Biotechnology & Microbiology,  
Dr. Janaki Ammal Campus,  
Kannur University

**KEYNOTE SPEAKER**

Organizing by,  
**PG Department of Botany,  
Payyanur College**



## WEBINAR SERIES ON RESEARCH METHODOLOGY

### a) Research Methodology Webinar Series 1: Biodiversity of Ferns and Lycophytes of Kerala

Organizing Department/Agency	Botany
Date & Time	4 <sup>th</sup> June 2022, 10 am –11 am
Name of the Programme	World Environment Day Celebration 2022 Webinar 1: Biodiversity of Ferns and Lycophytes of Kerala
Brief Description of the Programme	PG Department of Botany, Payyanur College, conducted a Webinar on research methodology and diversity of Ferns and Lycophytes of Kerala. The session led by Dr. Sreenivas V K stressed on the effective utilization of available literature on ferns and lycophytes. Further discussions were made on the identification of ferns using patterns of spore production
Target Group of Participants	Students of Botany Department, Payyanur College Payyanur
Collaborations (if any)	NIL
No of the Participants	38
Resource Persons/Chief Guests	Dr. Sreenivas V K, Assistant Professor and Head, Department of Botany, Sri Vyasa NSS College, Wadakkanchery, Thrissur
Amount Spent (Rs.)	NIL
Source of Fund	NA
Any other Relevant Information	All materials for the program were provided by the department faculties itself.



**ONLY ONE EARTH**  
WORLD ENVIRONMENT DAY 2022

Webinar series on  
**Research methodology**

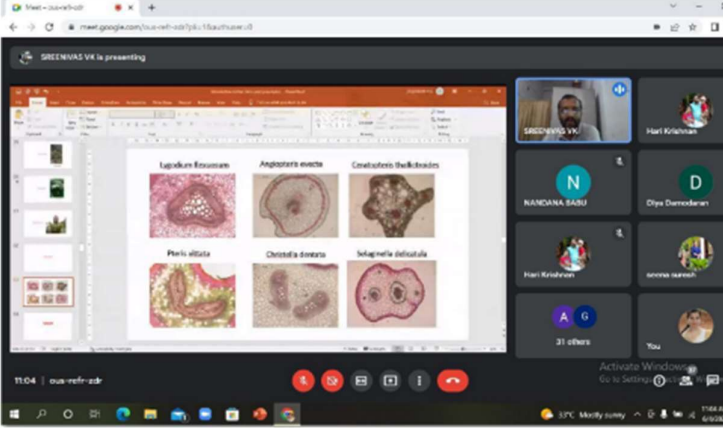
**WORLD ENVIRONMENT DAY CELEBRATION -2022**  
**WEBINAR 1: BIODIVERSITY OF FERNS AND LYCOPHYTES OF KERALA**



**DR. SREENIVAS V K**  
Assistant Professor and Head,  
Department of Botany, Sri Vyasa  
N.S.S.College, Wadakkanchery, Thrissur -  
680623

PG DEPARTMENT OF BOTANY,  
PAYANUR COLLEGE, PAYANUR  
ON 4 JUNE 2022, SATURDAY  
TIME 10:00 AM TO 11:00AM  
ON GOOGLE MEET





meet.google.com/ou-refr-ztd

SREENIVAS VK is presenting

11:04 | ou-refr-ztd

17°C Mooliyil sunny

Activate Windows  
Go to Settings

Participants: SREENIVAS VK, Hari Krishnan, NANDANA BASU, Diya Damodaran, Hari Krishnan, anona sarma, 31 others, You

Slide content:

- Lycopodium Encussum
- Angiosperms ovule
- Caulisferous (thallophorous)
- Pteris dilatata
- Chara dimorpha
- Isolupinus deltoideus

**b) Research Methodology Webinar Series 2:**

**Ecology and Taxonomy of Bryophytes**


Organizing Department/Agency	Botany
Date & Time	5 <sup>th</sup> June 2022, 2.30 pm –3.30pm
Name of the Programme	World Environment Day Celebration-2022 Webinar 2: Ecology and Taxonomy of Bryophytes
Brief Description of the Programme	PG Department of Botany, Payyanur College, conducted a Webinar on Research Methodology, Ecology and Taxonomy of Bryophytes. The session led by Dr. Anpin Raja D. discussed on the identification of bryophytes using various characters like nature of scales, rhizoids, thallus structure as well as nomenclature. It also fostered a source of inspiration for collection and further exploration of undiscovered bryophytes.
Target Group of Participants	Students of Botany Department, Payyanur College Payyanur
Collaborations (if any)	NIL
No of the Participants	36
Resource Persons/Chief Guests	Dr. Anpin Raja D, Assistant Professor of Nirmalagiri College, Kuthuparamba
Amount Spent (Rs.)	NIL
Source of Fund	NA
Any other Relevant Information	All materials for the program were provided by the department faculties itself

PG DEPARTMENT OF BOTANY PAYYANUR COLLEGE PAYYANUR

Webinar series on  
Research methodology



**WORLD ENVIRONMENT DAY  
CELEBRATION -- 2022**

WEBINAR 2: ECOLOGY AND TAXONOMY OF BRYOPHYTES



**DR. ANPIN RAJA D**  
ASSISTANT PROFESSOR IN BOTANY,  
NIRMALAGIRI COLLEGE, KUTHUPARAMBA

ON 5TH JUNE 2021 SATURDAY  
TIME: 2.30PM TO 3.30PM ON GOOGLE MEET


Meet - anpin-raja-d

meet.google.com/rao-nb-ash?d=1&authuser=0

Anpin Raja is presenting

Features of taxonomic interest : Leafy Liverworts

**Peristich**  
Shape, surface ornamentation, number of plicae



Taxonomy of Bryophytes

16:00 | anpin-raja-d

13°C Rain showers

5 63°F PM 6/2/22

**c) Research Methodology Webinar series 3:**

**Algae the world's most important plants**


Organizing Department/Agency	Botany
Date & Time	6 <sup>th</sup> June 2022, 7.00 pm –8.00 pm
Name of the Programme	World Environment Day Celebration-2022 Webinar 3: Algae the world's most important plants
Brief Description of the Programme	PG Department of Botany, Payyanur College, conducted a Webinar on methodology in algal research. The session led by Dr. Sanil Kumar M G discussed on algal diversity of the world with special reference to algal blooms. He also referred to the major incidents of algal blooms, their consequences, ways to rule out algal toxicity and significant algae responsible for causing toxic blooms.
Target Group of Participants	Students of Botany Department, Payyanur College Payyanur
Collaborations (if any)	NIL
No of the Participants	36
Resource Persons/Chief Guests	Dr. Sanil Kumar M G, Assistant Professor & HoD, SNM College, Maliankara
Amount Spent (Rs.)	NIL
Source of Fund	NA
Any other Relevant Information	All materials for the programme were provided by department faculties itself

PG DEPARTMENT OF BOTANY PAYYANUR COLLEGE  
PAYYANUR

Webinar series on Research methodology

**WORLD ENVIRONMENT DAY  
CELEBRATION - 2022**


WEBINAR 3: ALGAE THE WORLD'S MOST IMPORTANT PLANTS



**DR. SANILKUMAR M G**  
ASSISTANT PROFESSOR AND HOD  
SNM COLLEGE MALLANKARA


Google Meet

ON 6TH JUNE 2022 MONDAY  
TIME: 7.00PM TO 8.00PM ON GOOGLE MEET



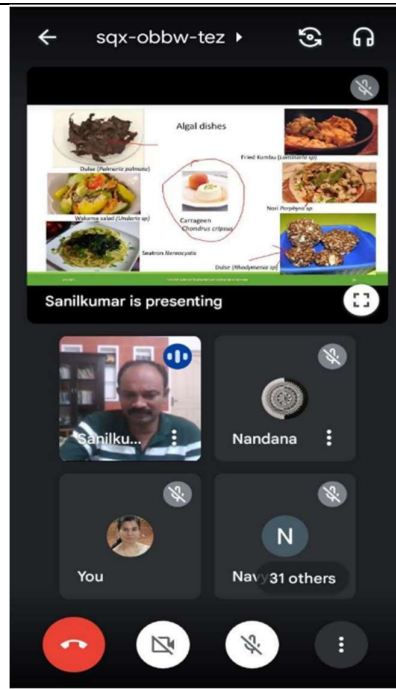
sqx-obbw-tez

Algal dishes



Sanilkumar is presenting

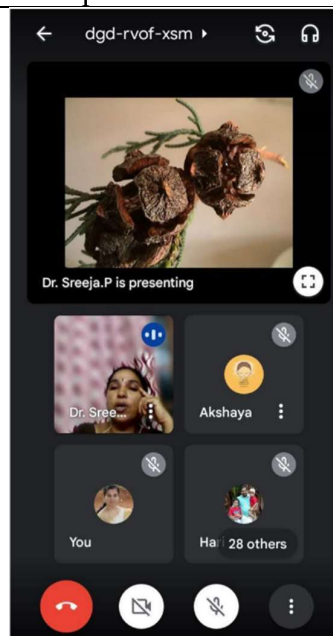
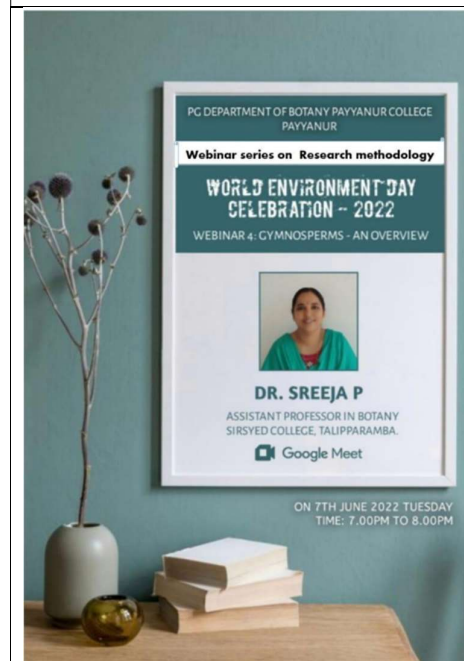
Sanilku... Nandana You Navy 31 others





**d) Research Methodology Webinar series 4:  
Gymnosperms- An Overview**

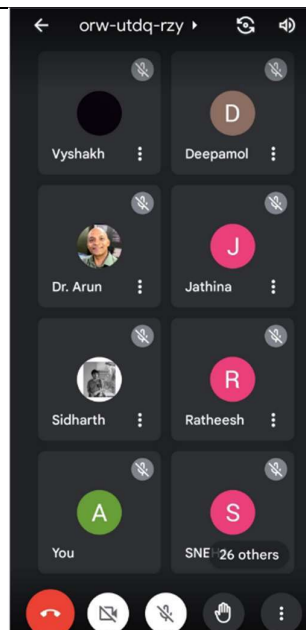
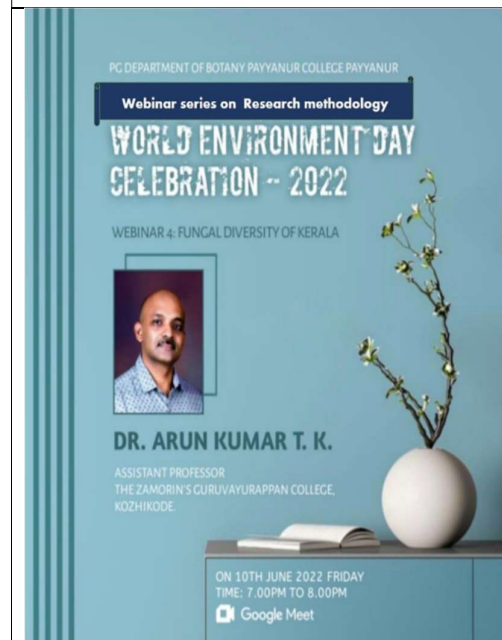
Organizing Department/Agency	Botany
Date & Time	7 <sup>th</sup> June 2022, 7.00 pm –8.00pm
Name of the Programme	World Environment Day Celebration-2022 Webinar 4: Gymnosperms- An Overview
Brief Description of the Programme	PG Department of Botany, Payyanur College, conducted a Research Methodology Webinar on Gymnosperms. The session led by Dr. Sreeja P. enabled students to enhance their comprehensive knowledge of Gymnosperms. The session also helped in providing a general outline of the gymnosperm taxa, which was also beneficial from the research point of view.
Target Group of Participants	Students of Botany Department, Payyanur College Payyanur
Collaborations (if any)	NIL
No of the Participants	32
Resource Persons/Chief Guests	Dr. Sreeja P, Assistant Professor in Botany Sir Syed College, Taliparamba
Amount Spent (Rs.)	NIL
Source of Fund	NA
Any other Relevant Information	All materials for the program were provided by the department faculties itself



e) **Research Methodology Webinar series 5:**

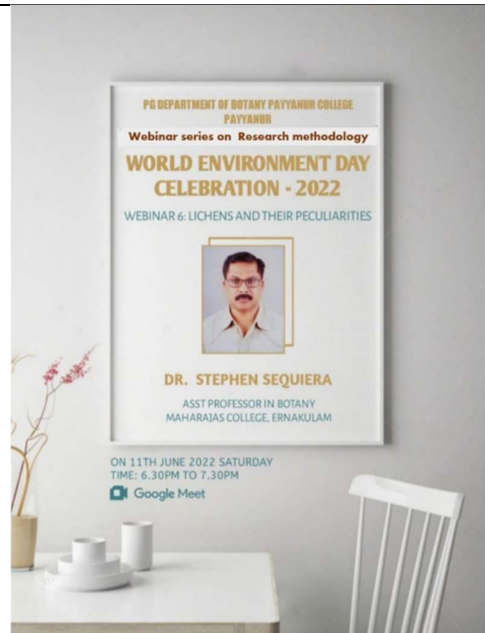
**Fungal Diversity of Kerala**

Organizing Department/Agency	Botany
Date & Time	10 <sup>th</sup> June 2022, 7.00 pm –8.00pm
Name of the Programme	World Environment Day Celebration-2022 Webinar 5: Fungal Diversity of Kerala
Brief Description of the Programme	PG Department of Botany, Payyanur College, conducted a research methodology Webinar on the fungal diversity of Kerala. Dr. Arun Kumar T K emphasized on developing the identification skills of fungal species. Various harmful fungi were also discussed along with tips to distinguish harmful fungi from useful ones.
Target Group of Participants	Students of Botany Department, Payyanur College Payyanur
Collaborations (if any)	NIL
No of the Participants	33
Resource Persons/Chief Guests	Dr. Arun Kumar T K, Assistant Professor in Botany, The Zamorin's Guruvayurappan College, Calicut.
Amount Spent (Rs.)	NIL
Source of Fund	NA
Any other Relevant Information	All materials for the program were provided by the department faculties itself



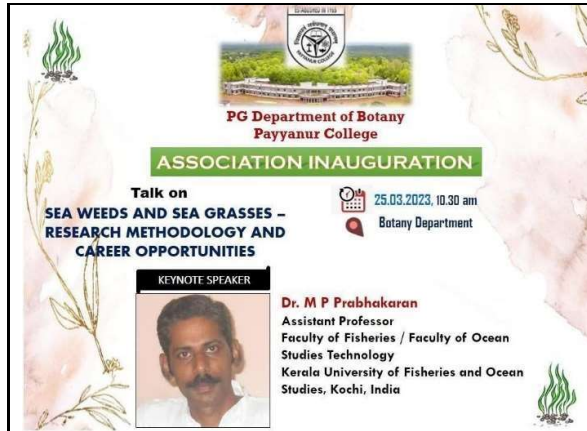
**f) Research Methodology Webinar series 6:**

**Lichens and their Peculiarities**

Organizing Department/Agency	Botany
Date & Time	11 <sup>th</sup> June 2022, 6.30 pm –7.30 pm
Name of the Programme	World Environment Day Celebration-2022 Webinar 6: Lichens and their Peculiarities
Brief Description of the Programme	PG Department of Botany, Payyanur College, conducted a research methodology Webinar on the ‘Peculiarities of Lichens’. Dr. Stephen Sequiera explained the various morpho-physiological aspects of Lichens. Relevant research works in the field of Lichens were also highlighted. Ecological significance and other aspects of Lichens were also emphasized. This highly informative session helped to understand milestones in Lichenology and the current status of research in this field
Target Group of Participants	Students of Botany Department, Payyanur College Payyanur
Collaborations (if any)	NIL
No of the Participants	30
Resource Persons/Chief Guests	Dr. Stephen Sequiera, Assistant Professor in Botany, Maharajas College, Ernakulam
Amount Spent (Rs.)	NIL
Source of Fund	NA
Any other Relevant Information	All materials for the program were provided by the department faculties itself
	

**RESEARCH METHODOLOGY SEMINAR ON ‘SEA WEEDS AND SEA GRASSES -  
RESEARCH METHODOLOGY AND CAREER OPPORTUNITIES’**

Organising Department	Botany
Date & Time	25th March 2023; Time: 10 30am -1.30 pm
Name of the Programme	Research Methodology seminar on ‘Sea Weeds and Sea Grasses - Research Methodology and Career Opportunities’
Brief Description of the Programme	<p>P.G. Department of Botany, Payyanur College, Payyanur conducted a Research Methodology seminar on "Sea Weed and Sea Grass Research and Methodology".</p> <p>Dr. MP Prabhakaran from the Kerala University of Fisheries and Ocean Studies (KUFOS) was the resource person. The seminar aimed to provide insights into the research and methodology related to seaweed and sea grass. He discussed sampling techniques, data analysis, and the use of cutting-edge technology, such as remote sensing and GIS, in studying these marine resources and also highlighted the need for community involvement legislation, and education to safeguard these ecosystems for future generations</p>
Target Group of Participants	Faculties and Students of the Department of Botany, Payyanur College.
Collaborations	Nil
No of Participants	40
Resource Persons/ Chief Guests	Dr M P Prabhakaran; Assistant Professor, Faculty of Fisheries/Faculty of Oceanic Studies Technology; Kerala University of Fisheries and Ocean Studies. (KUFOS); Kochi, India
Amount Spent (Rs.)	NIL
Source of Fund	NA
Any other Relevant Information	All materials for the program were done by the Department faculties themselves




**PG Department of Botany**  
**Payyanur College**

**ASSOCIATION INAUGURATION**

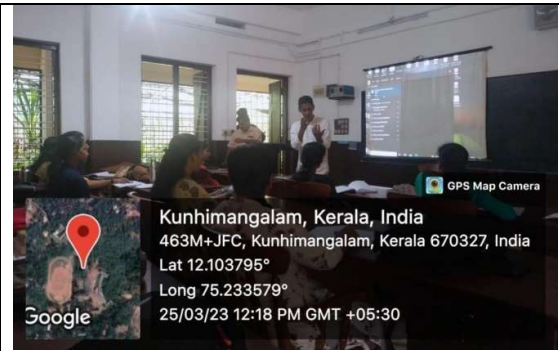
**Talk on**  
**SEA WEEDS AND SEA GRASSES –**  
**RESEARCH METHODOLOGY AND**  
**CAREER OPPORTUNITIES**

**25.03.2023, 10.30 am**  
Botany Department

**KEYNOTE SPEAKER**



**Dr. M P Prabhakaran**  
Assistant Professor  
Faculty of Fisheries / Faculty of Ocean  
Studies Technology  
Kerala University of Fisheries and Ocean  
Studies, Kochi, India



**Kunhimangalam, Kerala, India**  
463M+JFC, Kunhimangalam, Kerala 670327, India  
Lat 12.103795°  
Long 75.233579°  
25/03/23 12:18 PM GMT +05:30

**RESEARCH METHODOLOGY WORKSHOP ON INTERNATIONAL WOMEN'S  
DAY 2023**

Organising Department	Botany
Date & Time	8 March 2023, 2.30 PM
Name of the Programme	Research Methodology Workshop on International Women's Day 2023
Brief Description of the Programme	<p>On International Women's Day 2023, the PG Department of Botany at Payyanur College organized a Research Methodology Workshop to celebrate the achievements of women in the field of science and empower young women researchers. The workshop aimed to enhance the research skills and knowledge of students in the Botany department. Two eminent young women researchers, Dr. Jathina M and Dr. Sruthi P., were interacted with students and conducted sessions on the methodology of Phytochemical and Plant Molecular research. Conclusion: The Research Methodology Workshop on International Women's Day 2023 at the PG Department of Botany, Payyanur College provided students with valuable insights into Phytochemical and Plant Molecular research. It also celebrated the accomplishments of women in science. Dr. Jathina M and Dr. Sruthi P. guidance and expertise left a lasting impact on the students, motivating them to pursue careers in botany and research. This event served as a testament to the college's commitment to promoting gender equality and excellence in education.</p>
Target Group of Participants	Students of Botany Department, Payyanur College Payyanur
Collaborations (if any)	NIL
No of Participants	92
Resource Persons	Dr. Jathina M and Dr. Sruthi P Assistant Professor (On Contract) PG Department of Botany Payyanur College

  
PG DEPARTMENT OF BOTANY  
PAYYANUR COLLEGE  
PAYYANUR

**INTERNATIONAL WOMENS DAY**

Talk on  
**Research methodology and Career guidance**

By  
**Dr. JATHINA M**  
Assistant Professor (On contract)  
PG Department of Botany  
Payyanur College


**Dr. SRUTHI P**  
Assistant Professor (On contract)  
PG Department of Botany  
Payyanur College

**8<sup>th</sup> MARCH 2023**  
2.30 PM  
DEPARTMENT OF BOTANY

Talk on **WOMEN SCIENTISTS**  
By  
**SAJANA M S**  
I MSc Plant Science



GPS Map Camera



Kunhimangalam, Kerala, India  
463M+JFC, Kunhimangalam, Kerala 670327, India  
Lat 12.103856°  
Long 75.233875°  
08/03/23 03:01 PM GMT +05:30

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## MICROBIOLOGY RESEARCH TOOLS

Organising Department	Botany
Date & Time	5 <sup>th</sup> September 2023      Time:10.00am-11.00 am
Name of the Programme	Research methodology seminar on ' Microbiology Research Tools'
Brief Description of the Programme	<p>The P.G. Department of Botany at Payyanur College organized a Research Methodology Seminar in Microbiology on September 5, 2023, as part of the Teacher's Day Celebration. The seminar featured Mr. Shiju M P, an esteemed alumnus and Deputy Manager Senior Microbiologist at Aster MIMS Hospital, Kannur. The seminar aimed to familiarize students with advanced research methodologies in microbiology, covering topics such as microbial diversity, identification procedures, and the utilization of instruments in research. He provided a comprehensive overview of microbial diversity, emphasizing its structure and significance in various applications. Key aspects such as identification procedures, use of keys, and selection of culture medium, inoculation techniques, and incubation procedures were covered. An introduction to various instruments used in microbial research enriched students' understanding of practical applications. A total of <b>92 students</b> from the Department of Botany actively participated in the seminar.</p> <p>The seminar seamlessly transitioned into an interactive session, allowing students to engage with Mr. Shiju M P. This session facilitated the exchange of ideas, clarification of doubts, and insights from his wealth of practical experience. The Research Methodology Seminar in Microbiology was a resounding success, providing students with valuable insights into contemporary research methodologies. The interactive session with Mr. Shiju M P not only celebrated Teacher's Day but also strengthened the link between academia and industry.</p>
Target Group of Participants	Faculties and Students of the Botany department of Payyanur College.
Collaborations (if any)	NIL



No of Participants	98
Resource Persons/ Chief Guests	<b>Mr. Shiju MP</b> (Deputy Manager & Senior Microbiologist, Aster MIMS Hospital, Kannur)
Amount Spent (Rs.)	NIL
Source of Fund	NA
Any other Relevant Information	All materials for the programme was done by department faculties itself

**PG DEPARTMENT OF BOTANY & BOTANY ALUMNI ASSOCIATION**  
PAYYANUR COLLEGE, PAYYANUR  
Jointly Organises

**RESEARCH METHODOLOGY SEMINAR**  
'Methodological Insights into Microbiology Research'

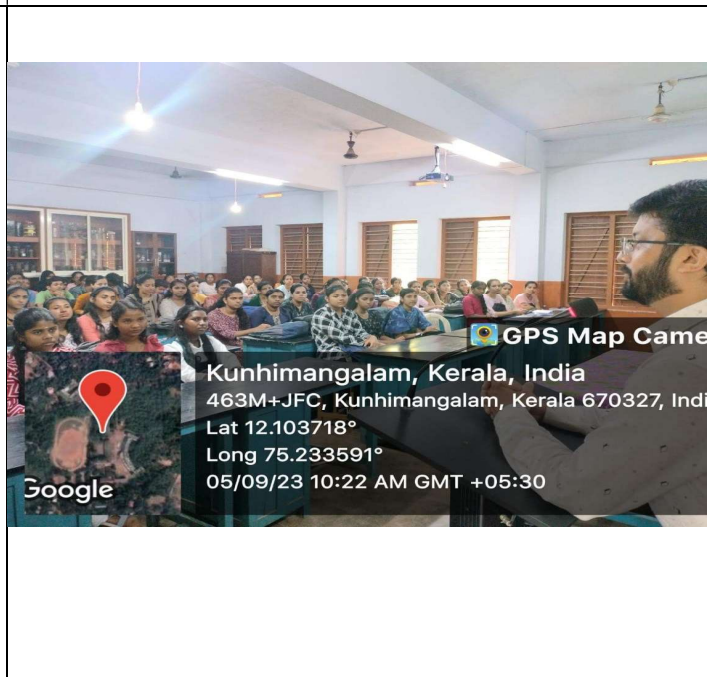
By Our Esteemed Alumnus

SEPTEMBER 5TH  
2023  
TEACHERS' DAY

**SHIJU M P**  
DEPUTY MANAGER & SENIOR MICROBIOLOGIST  
Aster MIMS HOSPITAL, KANNUR

**Time: 10 am -11 am**  
**Venue: Department of Botany**

*All are welcome*



## HANDS-ON TRAINING IN MUSHROOM CULTIVATION


Organising Department	Botany
Date & Time	25-10-2023, 2.00 pm
Name of the Programme	Hands-on Training in Mushroom Cultivation
Brief Description of the Programme	<p>The Botany Department of Payyanur College, in collaboration with Kunhimangalam Grama Panchayath successfully conducted a hands-on training program in mushroom cultivation on October 25, 2023. This extension programs was designed to empower women in the Kudumbasree initiative with valuable knowledge and skills in sustainable agriculture. The program began with an inaugural ceremony, featuring college faculty, and members of the Grama Panchayath. The event emphasized the importance of sustainable agriculture and the role of women in its promotion. The training included comprehensive theoretical session on the basics of mushroom cultivation. This covered topics such as mushroom varieties, growth requirements, and the cultivation process. Participants were provided with a hands-on demonstration of mushroom cultivation. This included the preparation of substrate materials, inoculation of mushroom spores, and maintenance of ideal growth conditions. Small group workshops allowed for one-on-one guidance and encouraged participants to ask questions and seek clarification. The training concluded with an interactive question and answer session, ensuring that participants had a clear understanding of the process and any concerns were addressed.</p>
Target Group of Participants	Students of the Botany Department and local women.
Collaborations (if any)	Kunjimangalam Gramapanchayat and Kudumbasree
No of Participants	39
Resource Persons	Dr. Deepamol PC, Assistant Professor, Department of Botany, Payyanur College

**PG DEPARTMENT OF BOTANY**  
PAYANUR COLLEGE, PAYANUR

In association with  
**KUNHMANGALAM GRAMA PANCHAYAT**

jointly initiates a  
**HANDS-ON TRAINING IN MUSHROOM CULTIVATION**  
FOR MEMBERS OF KUDUMBASREE UNIT

On 25 October 2023  
Time & Venue: 2.00 pm, Panchayat Hall



**PROGRAMME DETAILS**

WELCOME ADDRESS: **K. SHEEBHA** (CGS CHAIRPERSON)

PRESIDENTIAL ADDRESS: **M. SASEEDRAN** (V.P. PRESIDENT, KUNHMANGALAM GRAMA PANCHAYAT)

INAUGURATION: **M. PHARTHANA** (KUNHMANGALAM GRAMA PANCHAYAT PRESIDENT)

GREETINGS & FELICITATION: **P. KARUNAKARAN MASTER** (WELFARE STANDING COMMITTEE CHAIRPERSON)

**DR. P. R. SWARAN** (IQAC CO-ORDINATOR)

**DR. RATHEESH NARAYANAN M. K.** (HOD, DEPARTMENT OF BOTANY, PAYANUR COLLEGE)

**MR. SATHESHAN** (KUNHMANGALAM GRAMA PANCHAYAT ASSISTANT SECRETARY)

RESOURCE PERSON:  
**DR. DEEPAJOL P. C.** (ASSISTANT PROFESSOR, DEPARTMENT OF BOTANY)

VOICE OF THANKS



**RESEARCH METHODOLOGY WORKSHOP ON RESEARCH METHODOLOGY  
& PRACTICE IN BIODIVERSITY & RELATED SUBJECTS**

Organising Department	Botany
Date & Time	May 30,2023; 10.00 am
Name of the Programme	Research Methodology Workshop on Research Methodology & Practice in Biodiversity & Related Subjects
Brief Description of the Programme	<p>The online workshop on Workshop on Research Methodology and Practice in Biodiversity and Related Subjects was a significant and informative event organized by the PG department of Botany at Payyanur College.</p> <p>Resource Person: Dr. Girigan Gopi, Principal Scientist of MS Swaminathan Research Foundation analysis, and interpretation.</p> <p>Participants: The workshop saw the participation of 75 botany students and faculty members from the Botany department at Payyanur College.</p> <p>Conclusion: Methodology Workshops play a crucial role in enhancing the knowledge and research skills of students and faculty, ultimately contributing to the field of botany and biodiversity research. Having Dr. Girigan Gopi from the MS Swaminathan Research Foundation as the resource person has provided valuable insights and expertise in the field of biodiversity research</p>
Target Group of Participants	Faculties and Students of the Botany department of Payyanur College.
Collaborations (if any)	IQAC, Payyanur College
No of Participants	38
Resource Persons	Dr. Girigan Gopi, Principal Scientist of MS Swaminathan Research Foundation


**POST GRADUATE DEPARTMENT OF BOTANY**  
*In association with*  
**IQAC AND RESEARCH COMMITTEE, PAYYANUR COLLEGE**  
*Dynamics ...*

# ONLINE WORKSHOP

ON RESEARCH METHODOLOGY AND PRACTICE IN BIODIVERSITY AND RELATED SUBJECTS

JOIN US ...

 Tuesday  
 30 May, 2023  
 10:00 am

Google meet link  
<https://meet.google.com/gqx-xrcs-jnz>

Resource Person  
**DR. GIRIGAN GOPI**  
 Principal Scientist,  
 MS Swaminathan Research Foundation



zfu-wsiz-dqn

**Indigenous knowledge**

*Local or indigenous knowledge refers to the cumulative and complex bodies of knowledge, know-how, practices and representations that are maintained and developed by local communities, who have long histories of interaction with the natural environment (UNESCO, 2012)*



Girigan is presenting

Deepa...  
 Jathina  
 Anagha  
 You  
 SNEHA  
 32 others