

Botany Department Activity

2022-23

Association Inauguration

Two eminent scientists from Jawaharlal Nehru Tropical Botanical Garden came to the Department and the association activity of this year was inaugurated on 21/10/2022



Seminar 1:

Dr. G Raj Kumar, Principal Scientist and Head, Plant Systematics and evolutionary Sciences, JNTBGRI, TVM gave a scientific talk on the topic Floristic diversity of western Ghats. The session was truly an eye opener for the students of botany

Seminar 2:

Dr. KB Ramesh Kumar, Principal Scientist, Phytochemistry and Phyto-pharmacognosy Division, TBGRI, TVM, delivered a lecture on Phytochemical Perspectives of the Flora of Western Ghats. This programme was organised by the department as a campaign to Save the Western Ghats Movement.



St. Thomas College
(Affiliated to MG University Kottayam)
Pazhavangadi P.O, Ranny, PTA

Department of Botany
Inauguration of Botany Association

Scientific Talk on
Floristic Diversity of Western Ghats



Inauguration and Scientific Talk
DR. G RajKumar
Principal Scientist & Head,
Plant Systematics and Evolutionary Sciences
JN Tropical Botanical Garden
& Research Institute, TVM

Schedule & Venue
21st October 2022
10 am at College Seminar Hall

St. Thomas College
(Affiliated to MG University Kottayam)
Pazhavangadi P.O, Ranny, PTA



Department of Botany
Campaign to Save THE WESTERN GHATS MOVEMENT

Seminar on
Phytochemical Perspectives of the Flora of Western Ghats

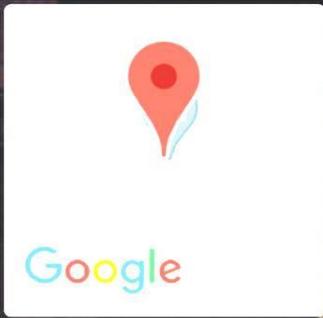
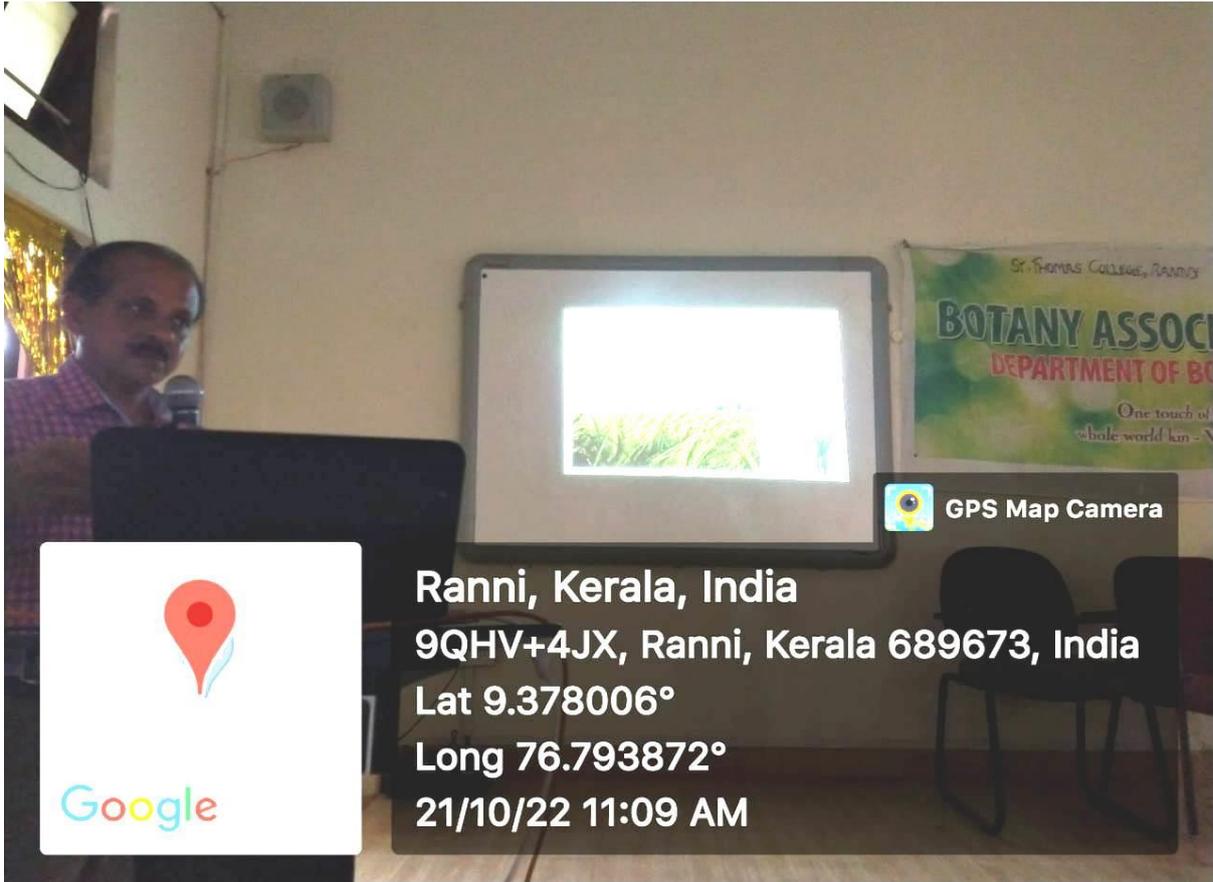
The Western Ghats biologically rich and biogeographically unique - a veritable treasure house of biodiversity. Though covering an area of 180,000km², or just under 6 per cent of the land area of India, the Western Ghats contain more than 30 per cent of all plant, fish, herpeto-fauna, bird, and mammal species found in India. Many species are endemic, such as the Nilgiri tahr (*Hemiragrus hircus*) and the lion-tailed macaque (*Macaca silenus*). In fact, 50 per cent of India's amphibians and 67 per cent of fish species are endemic to this region.

Speaker
Dr. KB Ramesh Kumar
Principal Scientist,
Phytochemistry and Phyto-Pharmacology Division
JN Tropical Botanical Garden
& Research Institute, TVM

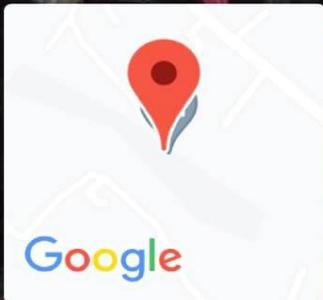
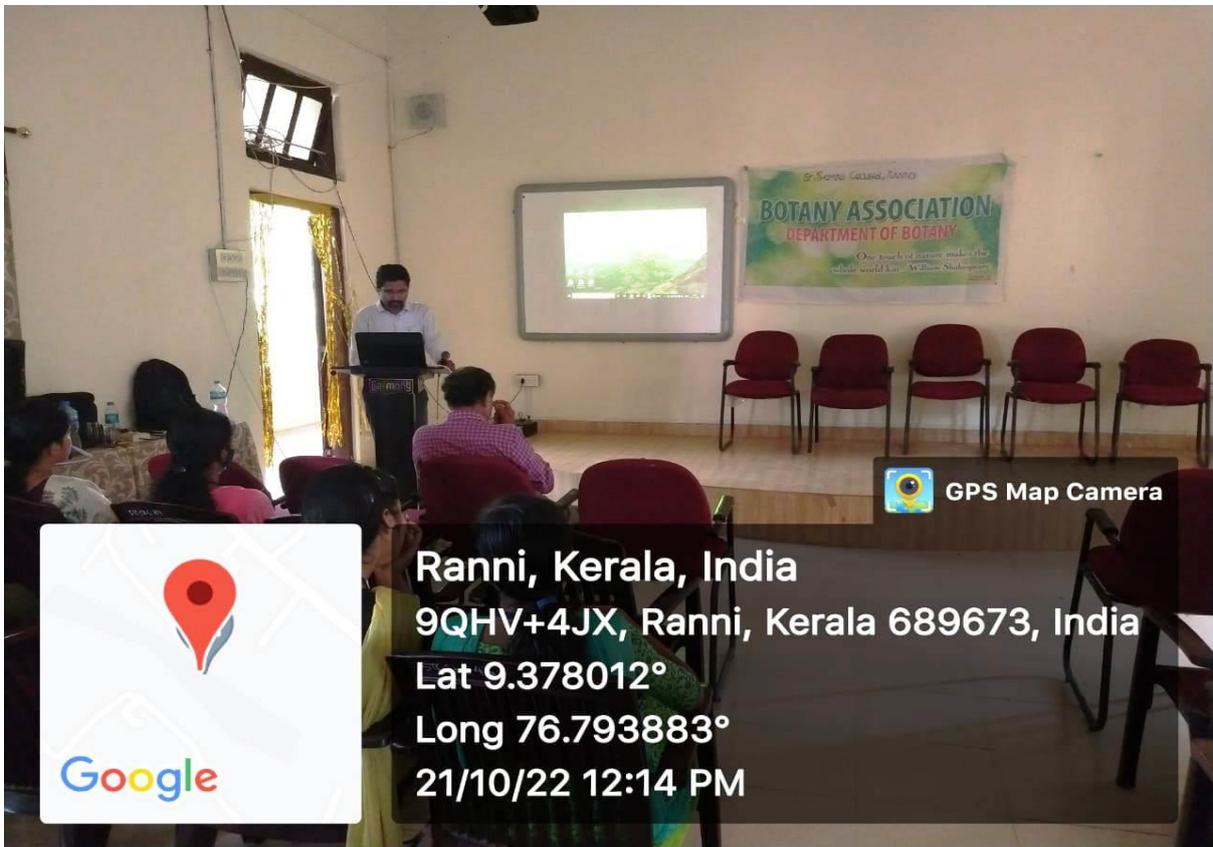


Organising Committee
Dr. Devi Priya M (Coordinator) - 9447712744
Dr. Vinodkumar T.G - 9400184201
Dr. Francis Mathew - 9188721423
Contact Dept. botanydeptstcranni@gmail.com

Schedule & Venue
21st October 2022
11.30 am at College Seminar Hall



Ranni, Kerala, India
9QHV+4JX, Ranni, Kerala 689673, India
Lat 9.378006°
Long 76.793872°
21/10/22 11:09 AM



Ranni, Kerala, India
9QHV+4JX, Ranni, Kerala 689673, India
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Cultural Activities After the inauguration of the department activity 2022-23. Various cultural programmes were organized in the department. Students showed their talents and at 3.30 the programmes came to an end.

World Coconut Day Celebration

World Coconut Day is celebrated on 2nd September every year. The day is observed to emphasize and spread knowledge of the value and advantages of coconuts. In order to take part in the celebration the department of botany has conducted a competition on craft from coconut parts on 01/09/2022. Students actively participated in the competition and expressed their creativity.



ST THOMAS COLLEGE RANNI
DEPARTMENT OF BOTANY
Celebrates

WORLD COCONUT DAY

02
september
2022

Craft competition

Theme : Best Out Of Shell

Date : 01 September 2022

Time : 1.00 pm

Venue : Room no : 101

Organising Committee:
Dr.Aleyamma Kuruvilla (Principal)
Dr.Devi Priya .M.(Head of Department)
Dr.Vinod Kumar T.G (Coordinator)
Dr.Francis Mathew (Co-coordinator)
Emilda Binu (Student Coordinator)

For more details:
+91 85905 93970



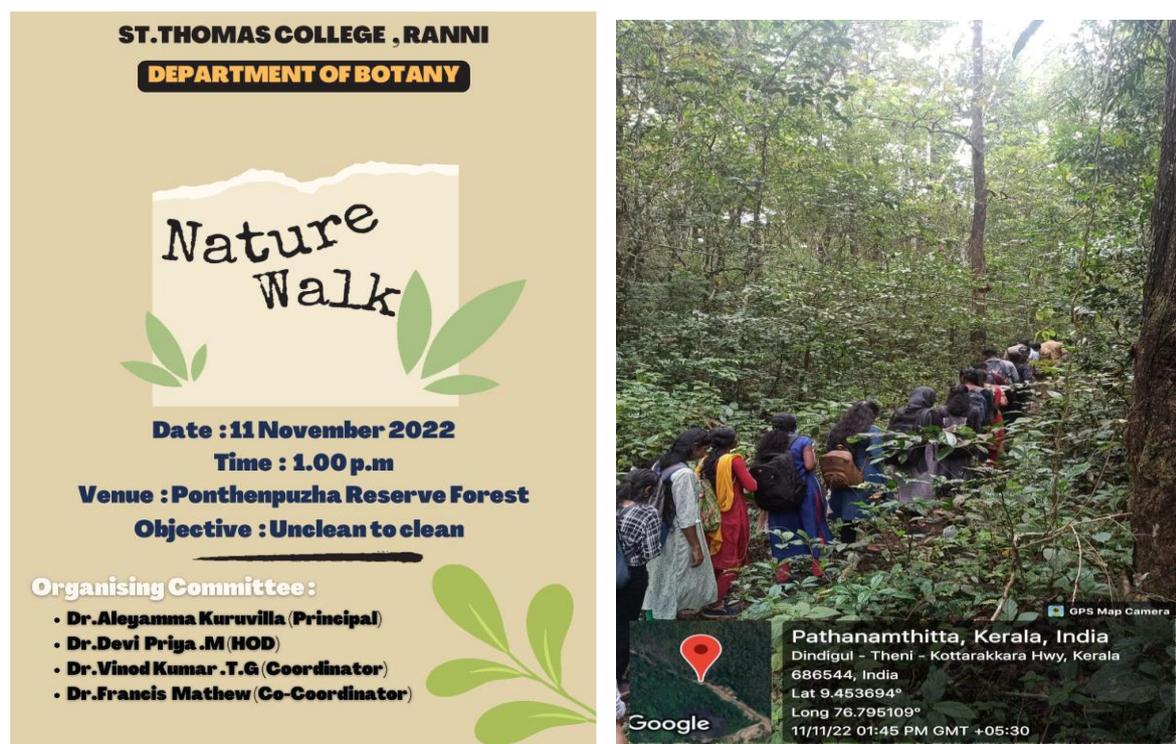
Onam celebration:

This year department celebration was organized on 02/09/2022. Since it was the world coconut day, the students decorated the department with coconut leaves garlands. The students and teachers came to the department wearing the traditional dress of Kerala. Department wise in attapookalam competition was held and our students bagged first prize. Various Onam-related games were organized in the department. After having traditional ‘Onasadhya’ the celebration came to an end.



Walk with nature

To know the beauty of nature Department has conducted a nature walk. The final year students along with Dr. Francis Mathew and Dr. Devi Priya explored the beauty of nature. The strong assistance was given by the Forest Division at Placheri on 11/11/2022



Seminar series on Research methodology

Research is the bedrock of knowledge in general and higher education in particular. It is essential to develop a sound methodological base of research among the researchers to cope up with challenges in the field of research. A good research methodology is a key to sound research output. To materialize this vision, there is need to train, reorient and reactivate the research scholars on research methodology. The seminar series was envisaged to enable the participants, to define research problem, as well as to make aware the participants about latest trends in discipline specific research and to motivate our students to pursue their study to do better scientific research.

On December 2022 a series of the seminars on Research Methodology was conducted in association with Dept of Zoology. The first session was handled by Mr Siju Surendran, Senior Research Fellow Centre of Neuroscience, IISc, Bangalore on 09/12/2022 on the Role of Neuropeptides in Determining *Caenorhabditis elegans* locomotory behaviour.

ST THOMAS COLLEGE RANNI
DEPARTMENT OF BOTANY AND ZOOLOGY
ORGANISES

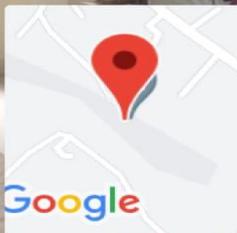
NATIONAL SEMINAR SERIES ON
RESEARCH METHODOLOGY
SERIES 1



SIJU SURENDRAN
SENIOR RESEARCH FELLOW
CENTRE OF NEUROSCIENCE
IISc , BENGALURU

🕒 : 10:30 a.m
📅 : 09/12/2022
📍 : Seminar Hall

Organising Committee:
• Dr. Aleyamma Kuruvilla
(Principal)
Coordinators :
• Dr. Devi Priya .M
• Dr. R. Aruna Devy
Co-ordinators :
• Dr. Vinod Kumar .T.G
• Dr. Francis Mathew
• Dr. Sreejaya .R



Ranni, Kerala, India
9QHV+4JX, Ranni, Kerala 689673, India
Lat 9.377952°
Long 76.793848°
09/12/22 11:50 AM GMT +05:30

GPS Map Camera

The 2nd of the series was led by Dr. Asha Saji, Principal Investigator, Women Scientist Scheme B, Department of Science and Technology, on 18/12/2022 on the topic Carbon Sequestration potential of Forest Trees.

ST THOMAS COLLEGE RANNI
DEPARTMENT OF BOTANY AND ZOOLOGY
Organises

National Seminar Series On
Research Methodology
Series 2

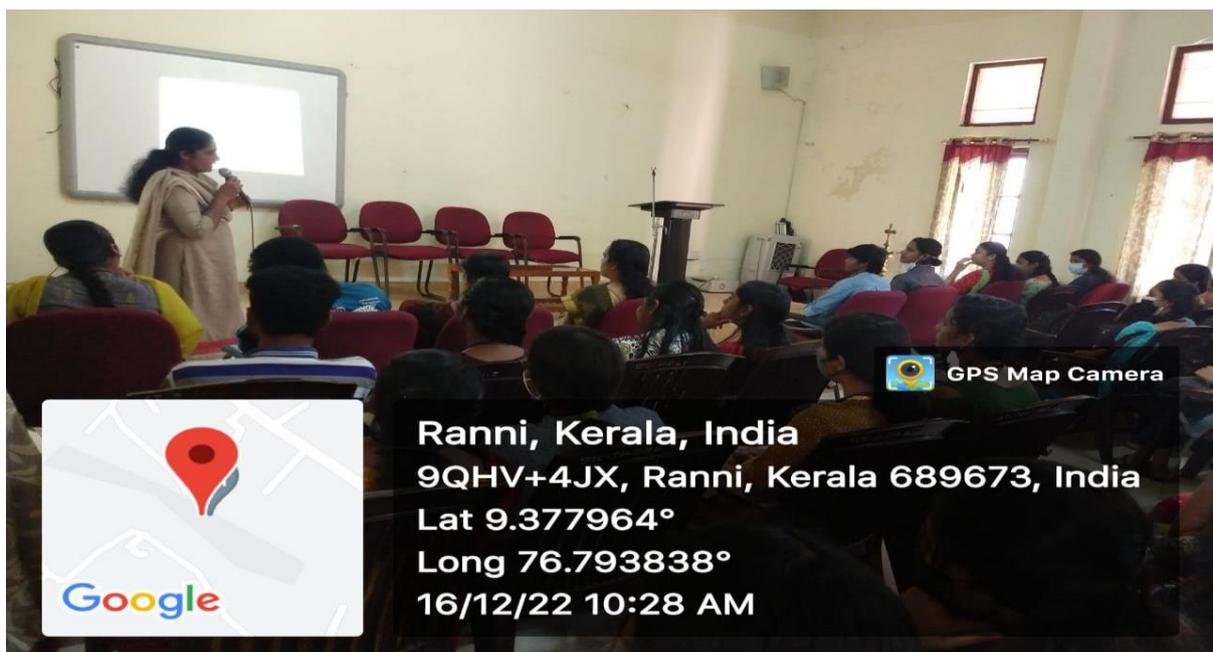


Dr Asha Saji
Principal Investigator
Women Scientist Scheme- B
Dept. of Science & Technology

Date : 16/12/2022 **Time : 10:00 a.m**

Venue : Seminar Hall

Organising Committee:	
• Dr. Aleyamma Kuruville (Principal)	
Coordinators :	
• Dr. Devi priya .M	
• Dr. R. Aruna Devy	
	Co-coordinators :
	Dr. Vinod Kumar .T.G
	Dr. Francis Mathew
	Dr. Sreejaya . R



The 3rd and the last session in the series was conducted in online mode and the resource person was Mr. Vishakh Vijayan Junior Research Fellow, National Institute of Plant Genome Research, Delhi. He explained the ethology of plants and animals on 21/12/2022

ST THOMAS COLLEGE RANNI
DEPARTMENT OF BOTANY AND ZOOLOGY
Organises

National Seminar Series On Research Methodology Series 3



Vishakh Vijayan
Junior Research Fellow
National Institute of Plant Genome Research (NIPGR), Delhi

 : 21/12/22
 : 8.00 p.m
: **Google Meet**
[Click here](#)

Organising Committee:

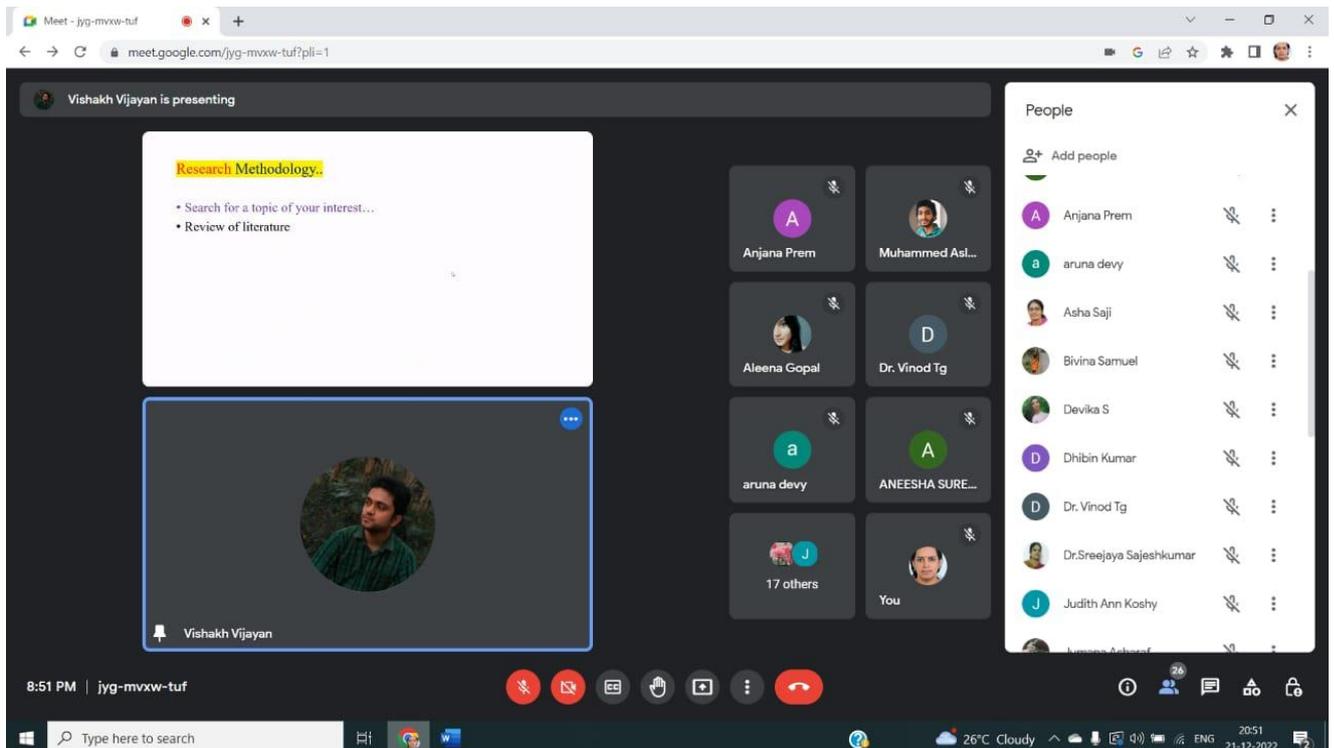
- Dr. Aleyamma Kuruvilla (Principal)

Coordinators :

- Dr. Devi Priya .M
- Dr. R. Aruna Devy

Co-coordinators :

- Dr. Vinod Kumar .T.G
- Dr. Francis Mathew
- Dr. Sreejaya .R



Meet - jyg-mvxw-tuf

meet.google.com/jyg-mvxw-tuf?pli=1

Vishakh Vijayan is presenting

Research Methodology.

- Search for a topic of your interest...
- Review of literature

Anjana Prem, Muhammed Asl...

Aleena Gopal, Dr. Vinod Tg

aruna devy, ANEESHA SURE...

17 others, You

People

- Add people
- Anjana Prem
- aruna devy
- Asha Saji
- Bivina Samuel
- Devika S
- Dhibin Kumar
- Dr. Vinod Tg
- Dr. Sreejaya Sajeshkumar
- Judith Ann Koshy

8:51 PM | jyg-mvxw-tuf

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Christmas celebration

The Christmas celebration started with the cutting of Christmas cake. The department was decorated and students engaged in crib-making and cultural programmes on 23/12/2022



Exhibition: January 12,13

College level science exhibition was conducted on 12th and 13th January 2023. The Department of Botany exhibited items 5 different halls. The Department of Forest exhibited various forest products and they provide awareness to reduce human wildlife conflict. In the second room award winning various underground stems and edible tubers were exhibited. The exhibition on mushroom was also there. Different types of mushroom cultivation and their uses were exhibited and the resource person discussed the various methods adopted to cultivate different mushrooms. The third room was equipped with various instruments using in biological research along with the Guinness recorded taro leaf. On the corridor, different types of inflorescences were exhibited. In the botany laboratory, various working and still model of ecological significance was arranged. There was also a live demonstration session on plant tissue culture. The use of plant pigments in painting was beautifully displayed in the art gallery session along with display of herbarium specimens. The exhibition of poisonous plants, the insectivorous plant with insect trap and various types of lotus were arranged in the fifth room and the main attraction was the artificial pond constructed in the department corridor.

ST THOMAS COLLEGE RANNI

Science Expo - 2k23

Department of Botany

presents

On 12th & 13rd
JANUARY
2023

- Still Models
- Forest Products by Kerala Forest Department
- Award winning Agricultural Products (Raw)
- Painting using Natural Pigments
- Herbarium Specimens
- Craft Works
- Biggest Taro leaf (Ginnus record)
- Poisonous plants
- Insectivorous plant
- Microscopic works
- Different ecosystems
- Terrarium
- Mushroom cultivation-live demonstration
- Tissue culture- demonstration

HEARTY WELCOME ALL

GPS Map Camera

Ranni, Kerala, India
9QHV+4JX, Ranni, Kerala 689673, India
Lat 9.378206°
Long 76.793447°
12/01/23 01:10 PM GMT +05:30

Google

GPS Map Camera

Ranni, Kerala, India
9QHV+4JX, Ranni, Kerala 689673, India
Lat 9.378154°
Long 76.793573°
12/01/23 11:14 AM GMT +05:30

Google

Valedictory function of botany association and Cultural Fest

The official valedictory of Botany Association was held on 23rd March 2023. After formal meeting a cultural fest was also organized. All the students actively participated and expressed their talents

<p>Cultural fest plays a predominant role in a student's life. There is a growing consensus that such festival is not just about fun but that it also augments a student's learning experience. Student-run festivals serve a few crucial purposes in a student's on-campus life, most importantly, as platforms to help them evolve into future leaders.</p>	<p>DEPARTMENT OF BOTANY ST. THOMAS COLLEGE, RANNI</p> 
<p>Programme Schedule</p> <p>10.00: Prayer Song 10.10: Report reading 10.30: Election of new members 11.00: Tea Break 11.30: Project Presentation 12.30: Lunch Break 1.00: Cultural Programmes</p>	<p><i>Association Valedictory</i> & <i>Lots celebrate</i> Cultural Fest</p>
<p>Organizing Committee</p> <p>Dr. Aleyamma Kuruville (Principal) Dr. Devi Priya M. (HoD.) Dr. Vinod Kumar TG (Coordinator) Dr. Francis Mathew (Co-coordinator) Mrs. Chinnu James (Treasurer) Ms. Emilda Binu (Student Coordinator)</p>	<p>Venue: Botany Laboratory 23rd March 2023</p>

