

Hands on Training 3 : 4.00 p.m.- 4: 30 p.m.

Methods of documentation of algae: Microphotographs and Camera Lucida diagrams

Dr. Tessa Paul P., Associate Professor & HOD, Dept. of Botany, Christ College (Autonomous),
Irinjalakuda, Thrissur District, Kerala

15-02-2020 (Saturday)

Technical session 3 : 9.15 a.m. – 10.00 a.m.

Invited talk (Topic): **The taxonomy of River algae**

Ms. Devikrishna C. S., Junior Research Fellow (UGC), PG & Research Dept. of Botany,
MES Asmabi College, P. Vemballur, Thrissur District, Kerala

Technical session 4 : 10.00 a.m. – 11.00 a.m.

Invited talk (Topic): **'A scientific approach to unravel the conventional and modern taxonomic tools in Diatom taxonomy**

Mr. Geo Joseph, Junior Research Fellow (KSBB), PG & Research Dept. of Botany,
Sacred Heart College (Autonomous), Thevara, Ernakulum District, Kerala

Tea Break : 11.00 a.m. – 11.15 a.m.

Hands on Training 4 : 11.15 a.m. – 12: 30 p.m.

The techniques for the estimation of Phytoplankton in water samples

Prof. Joshy K. Simon, Associate Professor & HOD (Retd.), Dept. of Botany,
Christ College (Autonomous), Irinjalakuda, Thrissur District, Kerala

Lunch Break : 12.30 p.m. – 1.15 p.m.

Technical session 5 : 1.15 p.m. – 2.00 p.m.

Invited talk (Topic): **Microalgae: Potent resource for the mankind**

Ms. Shaheeda T. M., Assistant Professor, PG & Research Dept. of Botany,
MES Asmabi College, P. Vemballur, Thrissur District, Kerala

Hands on Training 5 : 2.00 p.m. – 3: 00 p.m.

Algal diversity of perennial ponds and temple ponds

Dr. Tessa Paul P., Associate Professor & HOD, Dept. of Botany,
Christ College (Autonomous), Irinjalakuda, Thrissur District, Kerala

Hands on Training 6 : 3.00 p.m.- 3: 45 p.m.

The algal diversity of river ecosystems

Ms. Devikrishna C. S., Junior Research Fellow (UGC), PG & Research Dept. of
Botany, MES Asmabi College, P. Vemballur, Thrissur District, Kerala

Tea Break : 3.45 p.m. – 4.00 p.m.

Closing Ceremony & : 4.00 p.m. – 4.30 p.m.

Distribution of Certificates

ORGANIZING COMMITTEE

Patron

Rev. Fr. Jacob Njerinjampilly CMI, Manager

Principal

Dr. Mathew Paul Ukken

Programme Coordinator

Dr. Tessa Paul P. (HOD & Associate Professor,
Dept. of Botany and Joint Coordinator, Biodiversity Club)

For further details:

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SUPPORTING TEAM

Rev. Fr. Joy P.T. CMI (Vice Principal & Assistant Professor,
Dept. of BPE & Joint Coordinator, Biodiversity Club)

Dr. Bijoy C. (Assistant Professor, Dept. of Zoology & Coordinator,
Biodiversity Club)

Dr. Sr. Dilla Jose (Assistant Professor, Dept. of Zoology &
Joint Coordinator, Biodiversity Club)

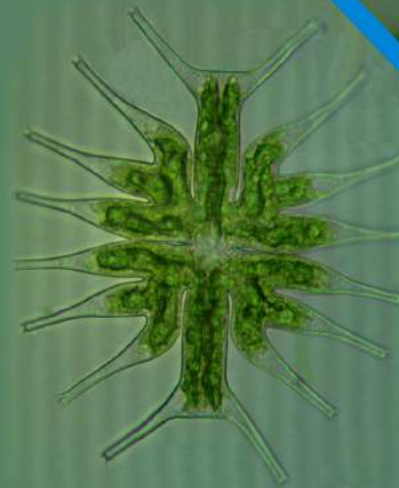
Mr. Antony Francis (Lab Assistant, Dept. of Botany)



CHRIST COLLEGE

(Autonomous) Irinjalakuda, Kerala

Affiliated to the University of Calicut and Re-accredited by NAAC (Grade A)
www.christcollegeirj.edu.in



Department of Botany

in collaboration with Biodiversity Club

Organize

Two Day Algal Workshop on 'Diversity, Taxonomy and Applications'

As part of National Science Day 2020
- Focal Theme : "Women in Science"

Venue: Botany Lab, Christ College (Autonomous), Irinjalakuda

Date: February 14th - 15th, 2020



Sponsored by

Kerala State Council for Science,
Technology and Environment (KSCSTE)

Supported by

Department of Science and Technology
(DST), Govt. of India



Department of Science & Technology
Government of India

Dear Sir / Madam,

The Department of Botany, Christ College (Autonomous), Irinjalakuda, Thrissur in collaboration with Biodiversity Club is organising the National Science Day 2020 in recognition of the legendary Indian Scientist Dr. C. V. Raman. The basic objective of observation of National Science Day is to spread the message of importance of Science and its application among the people. We are conducting KSCSTE Sponsored and DST supported **Two Day Algal Workshop on 'Diversity, Taxonomy and Applications'** at Botany Lab, Christ College (Autonomous), Irinjalakuda, on 14th – 15th February, 2020. We invite your esteemed presence and participation in the programme.

Dr. Tessa Paul P.
Programme Co-ordinator

Dr. Mathew Paul Ukken
Principal

ABOUT THE COLLEGE

Christ College (Autonomous), Irinjalakuda, was started in the year 1956 by the Devamatha province of the Carmelites of Mary Immaculate (CMI). Christ College has been affiliated to University of Calicut and re accredited by NAAC with 'A' grade and achieved autonomous status in 2015. Christ College offers an ideal vision of education that is aware of and responsive to the challenges of the nation's present situation. The College offers 20 degree, 14 Masters and 6 Ph.D. programmes in various disciplines. The College is in the forefront of all activities to protect the environment and conserve an eco-friendly campus. The afforestation programs conducted in the college campus is found to augment ground water recharge during rainy season by increasing water seepage through leaf litter. Rainwater harvesting is also done in the campus premises. The College has been honoured by awarding the Kerala State Energy Conservation Award in 2011, Haritha Campus Award instituted by Kerala Biodiversity Board for the year 2011-12, "Green Campus Award" for the year 2014 instituted by University of Calicut, Best Biodiversity Club Award by the Kerala State Biodiversity Board, for the year 2014 and the Malayala Manorama Palathully Puraskaram for the year 2016 for the keen interest in campus greening and conservation of energy.

DEPARTMENT OF BOTANY: In June 1956, when the department of Botany began, it catered to the needs of students who took the Pre-University II group. In June 1957, when the degree course in Zoology was started with Botany as a subsidiary paper and it continued to initiate students into the wonderful world of flora. With the advent of the Interdisciplinary M.Sc. Environmental Science course in January 2000, the department also shouldered the responsibility for its conduct. From 2013 onwards, department of Botany offers M.Sc. in Botany (Self-financing).

BIODIVERSITY CLUB: The Biodiversity club is an organization of staff and students of Christ College under the Kerala State Biodiversity Board, registered under Reg. No. KSB/BC/45 to create awareness among the student community regarding the protection and conservation of biodiversity. The Biodiversity Club is very active to protect and maintain the biodiversity of the campus and surrounding areas by planting saplings, educating the public and conducting awareness programmes in co-ordination with Irinjalakuda Municipality. The Club won the Best Biodiversity Club Award instituted by the Kerala State Biodiversity Board, Government of Kerala, for the year 2014-15. The Shanthistal of 20 cents has been demarcated in the College campus to create a human made biodiversity centre with rare, threatened and endangered plants.

ABOUT THE WORKSHOP:

This workshop focuses on creating awareness among students about the diverse algal groups present in our wetland ecosystems. It will also remind them about the emerging wetland issues and to encourage actions for the protection and conservation of wetlands. The workshop thrusts on the significance of environmental monitoring in educating public about environmental conditions and in taking responsible decisions regarding environment issues. The workshop will help the students to get training for the documentation and identification of the algae there by evaluating the diversity of the unique aquatic ecosystems of India.

Algal Workshop on 'Diversity, Taxonomy and Applications'

PROGRAMME

Day 1: 14-02-2020 (Friday)

Registration : 9.30 a.m. – 10.00 a.m.
Inaugural session : 10.00 a.m. – 10.30 a.m.
Tea Break : 10.30 a.m. – 10.45 a.m.
Technical session I : 10.45 a.m. – 11.45 a.m.

Invited talk (Topic): **'Microalgae along the Kerala Coast:**

A special reference to Seaweeds of Malabar Coast'

Dr. Sanilkumar M. G., Assistant Professor, PG & Research Dept. of Botany, SNM College, Maliankara, Ernakulam District, Kerala

Hands on Training I : 11.45 a.m.- 12: 30 p.m.

Seaweed Diversity of Malabar Coast

Dr. Sanilkumar M. G., Assistant Professor, PG & Research Dept. of Botany, SNM College, Maliankara, Ernakulam District, Kerala

Lunch Break : 12.30 p.m. – 1.30 p.m.

Technical session 2 : 1.30 p.m. – 2.45 p.m.

Talk (Topic): **'Freshwater Algae of Kerala: Diversity, Taxonomy and Applications'**

Dr. Tessa Paul P., Associate Professor & HOD, Dept. of Botany, Christ College (Autonomous), Irinjalakuda, Thrissur District, Kerala

Tea Break : 2.45 p.m. – 3.00 p.m.

Hands on Training 2 : 3.00 p.m.- 4: 00 p.m.

The Freshwater Algal Diversity of Thrissur District, Kerala

Dr. Tessa Paul P., Associate Professor & HOD, Dept. of Botany, Christ College (Autonomous), Irinjalakuda, Thrissur District, Kerala

Registration Fee

Students :Rs.100

Research Scholars : Rs. 150

Faculty / Others : Rs. 250

