



XVI CONFERENCE OF THE
INDIAN FERN SOCIETY
AND INTERNATIONAL
SYMPOSIUM ON

**RESEARCH IN PTERIDOLOGY:
PRIORITIES AND CHALLENGES**

2022 February 17-19

JOINTLY ORGANIZED BY
**DEPARTMENT OF BOTANY,
UNIVERSITY OF CALICUT, KERALA**
(Accredited A grade by
NAAC & ranked 60 by NIRF) &
INDIAN FERN SOCIETY, CHANDIGARH



You will be pleased to know that the XVI Conference of the Indian Fern Society and International Symposium on 'Research in Pteridology: Priorities and Challenges' jointly organised by the Department of Botany, University of Calicut, Kerala and the Indian Fern Society, Chandigarh, will be held at the University of Calicut, Kerala, from 17th to 19th February, 2022. It is our great pleasure to invite all pteridologists and fern enthusiasts to participate in the scientific sessions, symposia, poster presentations, exciting competitions and other activities of the conference in exchange of thoughts, opinions and scientific interactions. Participants who wish to become a member of the Indian Fern Society (IFS) may please contact Prof. S.P. Khullar, Secretary, IFS (sp.khullar@gmail.com).

ABOUT KOZHIKODE

Kozhikode (also known as Calicut) is one of the major metro cities in Kerala, on the south-west coast of the Arabian Sea. Basking in the idyllic setting of the serene Arabian Sea on the west and mesmeric peaks of the Wayanad Hills on the east, this district has all the required ingredients to fascinate a tourist. Dubbed the 'city of spices', it is the third largest city in Kerala. Interestingly, the name Calicut is derived from 'calico', the fine variety of hand-woven cloth said to have originated from this place. The city is famous for its beaches, especially Kappad (where the Portuguese explorer, Vasco-da-Gama, landed) and Beypore (where 'Uru', the small wooden ships, are made manually with intrinsic wood carvings).

UNIVERSITY OF CALICUT

Established in 1968, the University of Calicut is the largest institution of higher learning in Kerala. With 38 post-graduate departments and 396 affiliated colleges, the University aims to nurture excellence in education and research in Kerala. The University of Calicut is accredited by NAAC with 'A' grade and rank 60 among Indian by the National Institution Ranking Framework (NIRF) in 2021. According to QS India University ranking of 2020, University of Calicut stands in 45th position.

DEPARTMENT OF BOTANY

The Department of Botany has a long and distinguished history created by eminent faculty and researchers who have made major contributions to plant sciences over the past 60 years. The faculty of the department has done extensive research in the areas of pteridology, angiosperm taxonomy, biochemistry, biotechnology, cell-biology, ethnobotany, floristics, genetics, molecular biology, morphogenesis, morphology, mycology, physiology, plant breeding and plant pathology. The department is offering programmes such as M.Sc. (Applied Plant Science), M.Phil. (Botany) and Ph.D. (Botany and Environmental Science) and is supported by DST-FIST (two cycles) and KSCSTE-SARD programmes. The department has an internationally recognised herbarium (CALI) and an excellent botanical garden (CUBG), with diverse collections of ferns, ginger, medicinal and aromatic plants, begonias, aroids, hydrophytes and ornamentals. The faculty of the department has published more than 50 books and over 2000 research papers. Many research projects funded by KSCSTE, MoEF, UGC, DBT and SERB have been successfully completed. This is the first time that the Department of Botany is organizing the conference of the Indian Fern Society.

ABOUT THE CONFERENCE

Pteridophytes represent the transition stage from cryptogamous thallophytes to vascular phanerogams, hence being a curious group of plants as they show a variety of life forms in the attempt to reach a suitable vascular structure. Ferns and fern allies had a flourishing past and dominated the vegetation on the Earth about 280 to 230 million years ago and was involved in several important processes that has shaped up the world we know today. They form an interesting and conspicuous element of our national flora. Of late, their ethnomedical and ornamental values have been recognised.

Although research in pteridophytes is going on globally, the economic and environmental potential of this elegant group of plants is yet to be implemented. With the emergence of multi-disciplinary research and development approaches and tools, there is a great scope to exploit the potential of pteridophytes for the benefit of the nation and the society.

Therefore, the present conference is aimed to provide a platform for students, academicians, researchers, experts, and NGOs to interact as well as share various issues related to research, future priorities, problems faced and future scopes in pteridology.

THEMES OF THE CONFERENCE

- 1) Systematics, Anatomy and Palynology
- 2) Phytogeography, Distribution and Endemism
- 3) Biotechnology, Bioprospecting and Bioactivity
- 4) Physiology and Ecology
- 5) Cytology and Molecular Studies
- 6) Ethnobotany and Pharmacognosy

The symposium shall comprise of plenary lectures by invited speakers and oral/poster presentations by researchers. The best papers/posters in each session shall be awarded, provided that there are a minimum of three participants in each session. The official language of the symposium will be English.

CALL FOR ABSTRACTS

The participants are invited to submit the abstract of original contribution (not exceeding 300 words), consisting of title (bold), author's name (underline the presenter's name), affiliation, e-mail (all centred), text and keywords, typed in Times New Roman (Font Size 12 and 1.5 inter-line space), in MS Word format. Abstract can be submitted along with the registration form in the given link.

YOUNG PTERIDOLOGIST AWARD

A separate section will be held for young pteridologists, below the age of 35 years as on 31st December 2021, for presenting their paper in the contest of Young Pteridologist Award. Applicants should submit their abstracts in duplicate in the provided areas in the registration form, before the due date, along with other required information as per the given proforma. Shortlisted contestants will be given 15 mins for the presentation followed by 5 mins for discussion. The best presentation shall get 'Young Pteridologist Award, 2022', of the Indian Fern Society.

FUTURE SCIENTIST AWARD

A section shall be held separately for the competition of Future Scientist Award, encouraging participants below the age of 25 years as on 31st December 2021, to present their Bachelor's or Master's thesis work. Those interested are required to submit their abstracts in triplicate as per the rules mentioned in the previous award category. Shortlisted contestants shall be given 10 mins for the paper presentation followed by 5 minutes for discussion. The best presentation shall be given the 'Future Scientist Award, 2022', of the Indian Fern Society.

The due date for registration and submission of abstracts is 31st December 2021. The abstracts submitted for the above-mentioned presentations/poster/competitions shall be accepted after scrutiny by an expert judging panel. The acceptance of abstracts and contestants shortlisted for the competitions shall be intimated by email on or before 5th January 2022.

REGISTRATION FEE

Category	With Accommodation (for 3 nights)	Without Accommodation	After Due Date (31st Dec 2021)	Spot Registration
International Participants	\$ 300	--	--	8000
Scientists/Faculty	₹ 5000	₹ 4000	₹ 6000	
Research Scholars	₹ 4000	₹ 3000	₹ 5000	
Students	₹ 2000	₹ 1500	₹ 3000	
Accompanying Person	₹ 3000 (Indians) & \$ 400 (Foreigns)		₹ 4000	

MODE OF PAYMENT

All delegates should pay registration fee as per any of the following methods:

- 1) By Demand Draft (D.D.) in favour of Organizing Secretary IFS, payable at South Indian Bank, Chelari.
- 2) By Online Bank Transfer to bank account no. 0478073000000434 through NEFT, South Indian Bank, Chelari, IFSC – SIBL0000478
- 3) By UPI Transfer using the QR code provided in the registration form.

Kindly upload the online payment memo / receipt or copy of D.D. in the given online registration form. Cheque and credit cards are not accepted.

HOW TO REACH THE UNIVERSITY

By air: The nearest airport, Calicut International Airport (CCJ) is located 8 kms from the University. While other airports available are Kannur International Airport (CNN) and Cochin International Airport (COK) which are located 118 kms and 150 kms away from the University, respectively.

By rail: Calicut Railway Station (CLT) is one of the busiest railway stations in Kerala and is located 22 kms from the University. The nearest railway station Parappanagadi (PGI), is located 14 kms away from the University.

By road: The University is situated at the Kozhikode-Thrissur Road. National Highway 66 connecting Kanyakumari and Panvel through Kochi and Calicut, passes through the University Campus. The KSRTC Bus Stand (state) and New Bus Stand (private) is situated 25 kms from the university and has buses plying regularly.

Transport shall be arranged for collection of the delegates from the nearest airport, railway stations and bus stands upon prior intimation of travel details provided in the subsequent form sent to applicants after successful application for the conference.

ACCOMMODATION

Delegates, after successful application to the conference, shall be given a separate form to fill out the details for travel and accommodation. Earliest submission of this form (preferably before 15th January 2022) may assure smooth conduction of arrangements necessary for their collection and stay. It is to be noted that accommodation shall be arranged for three nights only. Accommodation may not be guaranteed for spot registration, and further enquiry may be done with the organizers in this regard.



TO REGISTER

<https://bit.ly/ifs2022>

or

<https://forms.gle/3qUY4WSdQ9Q7FnoMA>

or Scan the QR Code

ADDRESS FOR CORRESPONDENCE

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