

WORKSHOP SCHEDULE

Day One (26-08-2022)

10:00 am to 11:00 am: Inauguration:

11:00 am to 11:15 am: Tea Break

11:30 am to 4:00 pm: Field trip to the moist deciduous forest of Sagara taluk

Survey and collection of pteridophytes and macrofungi.

Identification of pteridophytes and macrofungi in the natural habitat.

A special practical session entitled "Conservation strategies of ferns and macrofungi" by **Dr. Girish K. G.***

(*Assistant Professor, Department of Environmental Science, Smt. Indira Gandhi Government First Grade College for Women, Sagara taluk, Karnataka and Director, Panchavati Research Academy for Nature, Kalamanje, Sagara taluk)

4:00 pm to 5:00 pm: Return journey towards Kumadvathi First Grade College

5:00 pm to 5:30 pm: Preservation of pteridophytes & macrofungi for practical session of the workshop

5:30 pm to 5:45 pm: Tea break and end of 1st day schedule

Day Two (27-08-2022)

10:00 am to 11:30 am: Theory Session on Pteridophytes

11:30 am to 1:00 pm: Practical Session (Pteridophytes)

Dr. Parashuram T.R., Head, Department of Botany, Kumadvathi First Grade College, Shikaripura will deliver lecture on different topics, viz., biodiversity, taxonomy and ex-situ conservation of pteridophytes during the first session. Lecture and practical session on pteridophytes will be organized to cover range of topics including the taxonomy and recent development in pteridophytes. The conservation and application of pteridophytes would be the integral part of the workshop.

1:00 pm to 1:30 pm: Lunch Break

1:30 pm to 3:00 pm: Theory Session on Macrofungi

3:00 pm to 4:30 pm: Practical Session (Macrofungi)

Dr. Syed Abrar, Assistant Professor, Department of Botany, Faculty of Science, Khaja Bandanawaz University, Kalaburagi will cover diverse topics on macrofungi related to the theme of workshop by a lecture and hands-on practical session during the second session. It is formulated to cover taxonomy, biology and conservation of various morpho-groups of macrofungi from different habitats. Special groups, Myxomycetes will also be covered during the session.

4:30 pm to 4:45 pm: High Tea

4:45 pm to 5:30 pm: Valedictory with distribution of certificates

CHIEF PATRONS

Sri. B. Y. Raghavendra
Honourable Secretary
Swamy Vivekananda Vidya Samsthe (R),
Shikaripura, Karnataka
and
Member of Parliament
Shivamogga Constituency

Dr. Syed Shah Khusro Hussaini
Honourable Chancellor
Khaja Bandanawaz University
and
President
Khaja Education Society
Kalaburagi, Karnataka

Syed Muhammad Ali Al Hussaini
Honourable Pro-Chancellor
Khaja Bandanawaz University
and
Vice-President
Khaja Education Society, Kalaburagi

PATRONS

Sri M. B. Shivakumar
Honourable President
Swamy Vivekananda Vidya Samsthe (R)
Shikaripura, Karnataka

Prof. Ali Raza Moosvi
Honourable Vice Chancellor
Khaja Bandanawaz University
Kalaburagi, Karnataka

Smt. Tejaswini Raghavendra
Honourable Director
Swamy Vivekananda Vidya Samsthe (R)
Shikaripura, Karnataka

Dr. Ruksar Fatima
Honourable Registrar
Khaja Bandanawaz University
Kalaburagi, Karnataka

NATIONAL ADVISORY COMMITTEE

Prof. C. Manoharachary, Emeritus, Department of Botany, Osmania University, Hyderabad
Prof. D. J. Bhat, Emeritus, Department of Botany, Goa University, Goa
Prof. T. Pullaiah, Department of Botany, Sri Krishnadevaraya University, Anantpur
Prof. M. Krishnappa, Department of Applied Botany, Kuvempu University, Shankaraghatta
Prof. Y. L. Krishnamurthy, Dept. of Applied Botany, Kuvempu University, Shankaraghatta
Prof. H. C. Lakshman, Department of Botany, Karnatak University, Dharwad
Prof. N. Raaman, Centre for Advanced Studies in Botany, Madras University, Chennai
Prof. Monowar Alam Khalid, Dept. of Env. Science, Integral University, Lucknow

WORKSHOP ADVISORY COMMITTEE

Dr. Shivakumar G. S., Management Representative and Principal, Kumadvathi College of Education, Shikaripura, Shimoga District, Karnataka
Sri Kuberappa K., Administrative Co-ordinator, Swamy Vivekananda Vidya Samsthe (R), Shikaripura, Shimoga District, Karnataka

CONVENERS

Dr. G. R. Hegde
Principal
Kumadvathi First Grade College
Shikaripura, Karnataka

Dr. Nishat Arif Hussaini
Dean - Faculty of Sciences
Khaja Bandanawaz University
Kalaburagi, Karnataka

ORGANISING SECRETARIES

Dr. Parashurama T. R.
Head and IQAC Co-ordinator
Department of Botany
Kumadvathi First Grade College
Shikaripura
Karnataka

Dr. Syed Abrar
Assistant Professor
Department of Botany
Faculty of Sciences
Khaja Bandanawaz University
Kalaburagi, Karnataka

ORGANISING COMMITTEE

Kotajirao R., Head, Dept. of Kannada
Ravindra K. R., Head, Dept. of Commerce

SCIENTIFIC COMMITTEE

Karthik S. M., Head, Dept. of Chemistry
Ashwini H. S., Head, Dept. of Zoology

REGISTRATION COMMITTEE

Poornima H. R., Head, Dept. of Env. Science
Meghana M. S., Head, Dept. of Mathematics
Surekha H., Head, Dept. of Physics

ACCOMODATION COMMITTEE

Supriya H. S., Lecturer, Dept. of Physics
Ramya N. A., Lecturer, Dept. of Mathematics
Dhaneshwari R., Lecturer, Dept. of Botany



A Two Day State Level Workshop on Macrofungi and Pteridophytes

26 and 27 August 2022



jointly organized by

**Department of Botany
Kumadvathi First Grade College
Shikaripura - 577427
Karnataka**

and

**Department of Botany
Faculty of Sciences
Khaja Bandanawaz University
Kalaburagi - 585104
Karnataka**

Venue

**Kumadvathi First Grade College
Shikaripura, Karnataka**

KUMADVATHI FIRST GRADE COLLEGE

Kumadvathi First Grade College is one of the branch of Swamy Vivekananda Vidya Samsthe, established in 2013 by Sri B. S Yadyurappa, the Founder and the Chairman. The trust was established for providing value based education in the society and with the vision of creating innovative and managing skills in the minds of students. It is located in Shiva Sharanara Nadu Shikaripura, Shivamogga district. The college affiliated to Kuvempu University and approved by the Government of Karnataka. The College provides course leading to B.Sc. and B.Com degree. The infrastructure offered by the college for all-round learning is amongst the best. Apart from the well equipped laboratories, library and state of the art computer centre, the college have career ICT enabled classrooms. Over the years the college has received several grants such as from DST, Karnataka Forest Department, Karnataka Biodiversity Board and Government of 7 Karnataka. A large number of students and faculty have presented papers at both National and International Conferences and many have published their work in research journals of repute.

KHAJA BANDANAWAZ UNIVERSITY

The Khaja Education Society was established in the year 1958 and registered in the year 1966 under Mysore Societies Registration Act 1960, by Late Padmashree Janab Syed Shah Muhammad Al Hussaini Saheb – the Founder President. The Society encompass more than 24 educational organizations comprising of Primary, Secondary and Higher Educational institutions under the minority society in Gulbarga. It has been working for the upliftment of all, irrespective of caste, creed or religion. Khaja Bandanawaz University got eligible as Private University during 23 August 2018. Under this esteemed institution, eight faculties i.e, Faculty of Medicine, Engineering and Technology, Law, Arts, Humanities and Social Sciences, Education, Commerce and Management, Languages and Sciences are in current position with their own achievements in teaching and research as well. Under the honourable Chancellor, his Holiness Dr. Syed Shah Khusro Hussaini, honourable Pro-Chancellor Syed Muhammed Ali Al Hussaini and respected Vice-Chancellor, Prof. Ali Raza Moosvi. The Khaja Bandanawaz University has a vision to create an environment of motivation and accomplishment across disciplines and harvest knowledge through high quality teaching, research and extension activities leading to the generation of disciplined and intellect students for the betterment of society.

PTERIDOPHYTES

Pteridophytes are vascular plants and have leaves (known as fronds), roots and occasionally true stems and tree ferns have full trunks. They differ from seed plants because they do not have either seeds or flowers, as they only reproduce via spores. The distribution of the pteridophytes forms the strong carpet flora and undercover vegetation in different forests. There are about 12,000 species of pteridophytes, of which about 97% are ferns and 3% the fern allies. The assortment to be found among them is remarkable in its variety of forms, textures, and even colours distributed in 48 families and 587 genera. The complex taxonomy of the tree ferns, fragmentary collections, inadequate descriptions, and special descriptive vocabulary all contribute to our poor knowledge of this group

MACROFUNGI

Macrofungi play a vital role to support the ecological, economic and cultural conservation functions of different habitats in the ecosystem. They maintain the ecosystem balance by controlling plant pathogens while sustaining beneficial associations as symbionts, endophytes, mycorrhizas, and saprobes. As heterotrophs, their role in decomposition of forest litter and wood are important in nutrient cycling within the forest ecosystem. They serve as alternative source of food and raw materials in production of drugs, beverages, and inoculants as biofertilizers to raise agricultural and forest crops. In upland communities, some macrofungi are traditionally used as medicine that becomes source of livelihood. Being vital natural resource on earth, knowledge on values of macrofungi are equally important in ecosystems to understand their dynamics in community structure, diversity, and distribution for a sustainable biodiversity conservation which has not been justified in the scientific community.

SELECTION PROCEDURE

Entries are invited from UG and PG students on or before 20 August 2022. The selected candidates will be informed via email. The total number of students for the workshop will be limited to 30 participants. The selected students should make payment within the 23rd August 2022. If any student from the final selection list does not succeed with the payment process before the last date, then the other participant in the waiting list will be enrolled for the workshop.

ABOUT THE WORKSHOP

To foster the academic and research collaboration between the two institutions, Kumadvathi First Grade College, Shikaripura is very much interested to organize “A Two Day State Level Workshop on Macrofungi and Pteridophytes” in collaboration with the Department of Botany, Khaja Bandanawaz University, Kalaburagi. The relevant workshop will provide training to UG and PG Students in thrust areas for sustainable utilization of indigenous resources. In addition to State Level Workshop, individual hands on training on taxonomy and conservation of fungi are being provided for two days. The above mentioned workshop will definitely be a mutual and beneficiary programme for both the institutions for teaching and research perspective and it will be an additional credit as per the NAAC is concerned. This workshop will include presentation on pteridophytes and macrofungi, their identification in the natural habitat by field trip and hands on training will be provided in the laboratory for the selected participants.

REGISTRATION FEE DETAILS

The approximate fee for the workshop would be Rs 500/- per person for two days. It includes workshop kit (file, notepad and pen), laboratory expenses and food (breakfast and lunch). The accommodation would be arranged on request for the selected students without any fees.

IMPORTANT DATES

Last date of Registration: 20 August 2022

Intimation of Selection: 22 August 2022

Last date of Payment: 23 August 2022

REGISTRATION LINK

https://docs.google.com/forms/d/e/1FAIpQLScOmWUrxZGaYOb3w3PLU9EKyi2D7Iu5r4zNzA-kRUBWwjqGXA/viewform?usp=sf_link

ACCOUNT DETAILS

Account Name: Kumadvathi First Grade College, Shikaripura
Account Number: 919010094491876
Bank Name & Branch: Axis Bank, Shikaripura
IFSC Code: UTIB0003039

FOR MORE DETAILS CONTACT

Dr. Parashurama T. R. Mob No: 95350 97974

Dr. Syed Abrar. Mob No. 98802 60073