

3 Days National workshop on Research data analysis Application of GIS and Research writing in Ecology Environment Conservation biology and Angiosperm Taxonomy – 23rd to 25th October 2019

The training on Ecology, Environment Conservation biology and Angiosperm Taxonomy in the fields 1. Research data analysis, 2. Application of GIS and 3. Research writing was inaugurated by Dr. N Sasidharan, Scientist, KFRI. The workshop was conducted in three days based on research data analysis and application of GIS in research writing. The programme had both theoretical and technical sessions in the areas of life science, forestry, conservation biology, environmental science and social science. The technical session was handled by Dr. N. Sasidharan on Advancements of Angiosperm Taxonomy, Ms. Aswini, CGIST on Fundamental of GIS and its application in Ecology and Conservation, Dr. Amitha Bachan K.H., Tropical Vegetation Dynamics. A total of 21 students and niche teachers participated in the training. The workshop was a great success and well supported the students, researchers and professionals in the interdisciplinary expertise in conservation and environment science.

ABOUT
The workshop is being organized by Research Department of Botany, MES Asmabi College, P. Vemballur in collaboration with Western Ghats Hornbill Foundation and Kerala GIS Community. This includes theory sessions and hands on training on the research areas of Life Science, forestry, conservation biology, Environmental Science and social science.
The hands on training will be given for selected 30 candidates on Analysis of ecological and vegetation data, use of GIS Mapping in conservation and environmental studies, Advancements in Plant taxonomy including nomenclature and illustrations and Research writing.
This will be useful for students and professionals seeking interdisciplinary expertise in conservation and environment science especially masters and doctoral students.
This is being organized as part of the Golden Jubilee celebrations of MES Asmabi College, P. Vemballur and a curtain raiser of short-term courses such as 1. Advanced GIS and Remote Sensing for Ecology, Environment and Conservation, 2. Ecosystem Dynamics, Climate Change and Ecological Monitoring (specialization of Western Ghats and Himalayas), 3. Ecorestoration and sustainable Management of Tropical Ecosystems, 4. Conservation legislations and Management of Forest Ecosystems, 5. Indigenous Rights and Inclusive Conservation in association with Western Ghats Hornbill Foundation, Kerala GIS Community, Christ university Bangalore and UPSA- HRDC, Nainital.

REGISTRATION
The seats for general session (Day 1) is open to a wide registered audience, but day 2 & 3 are restricted to 30 participants only on first come first served basis.

CATEGORY	FEES	LAST DATE
For general session - seminar only	Rs. 200/	- 21/10/2019
Entire workshop (students)	Rs. 800/	- 15/10/2019
Entire workshop (Professionals)	Rs. 1500/	- 15/10/2019

For registration, please visit - www.hornbillfoundation.org
copy and paste this link - <https://forms.gle/bVnF7hYsUy9zHHI7>

Patrons
Dr. Ajims P. Muhammad
Principal
Mr. Salim Arakkal, Secretary & Correspondent
Dr. K.M. Mohamed Nasser
HoD, Research Dept. of Botany
MES Asmabi College
Convener
Dr. K. H Amitha Bachan

Joint conveners
Mr. Anoop Chandran
Mrs. Shemi CB,
Dr. Girija T.P.
Mrs. Anitha K.T.
Assi. Convener
Sreehari S Nair
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Pooja Suresh
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**23 - 25
OCTOBER 2019**

**3 Day National Workshop
For Research Scholars & Students**

© MES Asmabi College, P. Vemballur,
Kodungallur, Kerala, India.

Research, Data analysis, Application of GIS
and Research Writing In Ecology, Environment,
Conservation Biology
& Angiosperm Taxonomy

**Research Department of Botany
MES Asmabi College
P. Vemballur**

**Western Ghats Hornbill Foundation
&
Kerala GIS Community**



PROGRAMME SCHEDULE

THEORETICAL SESSION

23RD OCTOBER 2019 - DAY 1

INAUGURATION & KEYNOTE TALK

CONSERVATION RESEARCH IN THE CHANGING CLIMATE

Dr. PRIYADARSANAN DHARMARAJAN
SENIOR FELLOW & PROGRAMME LEADER (ECOSYSTEMS AND GLOBAL CHANGE)
ATREE, BANGALORE.

ADVANCEMENTS IN TROPICAL ANGIOSPERM TAXONOMY

DR. N. SASIDHARAN
DEPUTY DIRECTOR REGIONAL
NATIONAL MEDICINAL PLANT BOARD, SOUTHERN REGION, KFRI.

FUNDAMENTALS OF GIS AND ITS APPLICATION IN ECOLOGY AND CONSERVATION BIOLOGY

MS. ASWINI A
SENIOR FACULTY, CGIT & KERALA GIS COMMUNITY

TROPICAL VEGETATION DYNAMICS : ANALYSIS AND INTERPRETATION

DR. K. H AMITHA BACHAN
ASSI. PROF., RESEARCH GUIDE, (MEMBER IUCN SPECIES SPECIALIST GROUP)
RESEARCH DEPT. OF BOTANY

The participants will get an opportunity to get preferences in certificate / mooc/ interships / training courses useful for completion of their research and publications



MES Asmabi College is a NAAC Accredited Institution with its Research Department of Botany specialized in systematics and ecology of tropical wetlands and forests.
www.mesasmabi.com



Western Ghats Hornbill Foundation focus primarily indigenous community based conservation, monitoring and ecorestoration of on tropical forests, riparian ecosystems, hornbills and river basins
www.hornbillfoundation.org

TECHNICAL SESSIONS 24TH OCTOBER 2019

9.30 AM – 12.30 PM

GIS APPLICATION IN ECOLOGY AND CONSERVATION BIOLOGY
MR. ANOOP CHANDRAN/ MS. ASWINI A
KERALA GIS COMMUNITY

12.30 PM – 1.30 PM LUNCH BREAK

1.30 PM – 4.30 PM

METHODS OF VEGETATION - ECOLOGICAL DATA ANALYSIS
DR. K. H AMITHA BACHAN

25TH OCTOBER 2019

9.30 PM – 12.30 PM (PARALLEL SESSIONS)

VENUE -1

ESSENTIALS OF ADVANCED ANGIOSPERM TAXONOMY
(NOMENCLATURE PROBLEMS, TAXONOMIC KEYS & ILLUSTRATIONS)
DR. C. N. SUNIL
ASSO. PROF. & RESEARCH GUIDE (RTD.)

APPLICATION OF NUMERICAL TAXONOMY AND PHYLOGENY
MR. SREEHARI S. NAIR
FELLOW, HORNBILL FOUNDATION

VENUE -2

ESSENTIAL STATISTICS FOR ECOLOGY USING SPSS

DR. SHAFEEER P.S.

DEPT. OF COMMERCE , MES ASMABI COLLEGE.

12.30 PM – 1.30 PM LUNCH BREAK

1.30 PM – 4.30 PM

INTERPRETATION OF DATA AND RESEARCH WRITING

DR. K.H. AMITHA BACHAN