

Vidya Prasarak Mandal's
B. N. Bandodkar College of Science, Thane

NAAC re-accredited 'A' grade
Best College Award (University of Mumbai)
Selected for FIST 'O' Level Grant



**International Conference on
Ecosystem Services of Wetlands**

'Ardrabhumi:2016'



Date: 16th and 17th February 2016

Venue:

Thorale Bajirao Peshwe Sabhagraha,
VPM's B. N. Bandodkar College of Science,
Jnanadweepa, Chendani Bunder Road,
Thane (W)-400 601, Maharashtra, India

Organized By:

Department of Zoology and
Department of Environmental Science

In collaboration with



Mangrove Cell

Preamble

Wetlands and their ecosystem services are immeasurably valuable for ecological and economic benefits to mankind. These habitats play an important role in balancing the atmospheric Carbon dioxide, help in maintaining life and livelihood. However, these habitats are under threat due to anthropogenic activities like reclamation, construction, over-exploitation, domestic and industrial pollution. These stresses make the



wetlands more fragile. The Ramsar Convention on Wetlands (1971) holds a unique distinction of being the first modern treaty between nations aimed at conserving natural resources. The onus now is on human beings who have to be responsible for management, protection and restoration of these resources.

International conference is a forum, which aims at offering an opportunity for the amateur and young environmentalists, to present their findings about the biologically diverse wetland habitats, as well as the sustainable utilization of ecological services provided by the mother earth.

The International conference will be organized by VPM's B. N. Bandodkar college of Science, in association with SACON (Salim Ali Centre for Ornithology and Natural History), HOPE (Here On Project Environment) Nature trust and Mangrove Society of India and Mangrove Cell, Mumbai in February 2016. VPM's B. N. Bandodkar college of Science established in 1969 and affiliated with Mumbai University is a premier institute in Thane city- offering undergraduate and Post graduate education, not only in pure sciences but also in applied subjects like Information Technology, Biotechnology, Environmental Science, Biodiversity and Wildlife Conservation and Management. This is the first college under Mumbai University to offer M.Sc. in Biodiversity and Wildlife Conservation and Management.

SACON (Sálim Ali Centre for Ornithology and Natural History, Coimbatore) was established in 1990 and is one of the Centers of Excellence of the Ministry of Environment, Forest and Climate Change (MoEF & CC, Government of India). SACON's mission is to help conserve India's biodiversity and its sustainable use through research, education and people's participation. The institute is organized into several divisions such as, Avian physiology and Genetics, Wetland ecology, Conservation ecology, Conservation Biology, Landscape ecology, Eco-toxicology, Environmental Impact Assessment, Nature Education and Extension. Over the years SACON has completed over 250 research projects related to birds, ecology and natural history.

HOPE (Here on Project Environment) of Rotary club of Thane is the non-governmental organization (NGO) working in the field of environment for last 20 years. The HOPE functions with the main objective of environment awareness conservation and preservation. HOPE has conducted over 350 programmes in

Thane and Wada Taluka for general public, school children, including Tribal children, college students from various faculties, home makers and professionals.

Mangrove Society of India (MSI) is a non-profit and non-political Organization (NGO) that has been working for conservation, management, sustainable use and to create awareness of mangroves in India. MSI was established in 1990 by Oceanographers, Marine Biologists and Foresters and has more than 150 active members spread across the coastal states of India. Many of its members are Consultants, Advisors to various Govt. and Non-Govt. agencies, Private corporate houses and some are on the national and international mangrove committees. MSI also has affiliations with other NGO's, Govt. agencies, research institutions, universities, corporate houses and stakeholders as well as International Society for Mangrove Ecosystem (ISME), Okinawa, Japan.

Mangrove Cell was created by the Government of Maharashtra to protect, conserve and manage the mangroves of the State. Since its establishment, the Mangrove Cell has made concerted efforts for better understanding of the mangrove diversity of the State, to create awareness about the importance of mangroves and to train staff for effective conservation of mangrove areas.

VPM's B. N. Bandodkar College has been long known for its contribution to the field of research in various areas, wetlands have been one amongst them.

Department of Zoology and Department of Environmental Science are jointly hosting this conference. In the past, Zoology Department has successfully organized National Conferences on Mangroves, Estuaries and Creeks (2002), Wonderful world of Insects (2008) and in 2013 organized a National Conference on Biodiversity: Status and Challenges in Conservation FAVEO in collaboration with the Environmental Science department. All these conferences were highly lauded by participants and experts in the respective fields.

This year Department of Zoology and Department of Environmental Science are going one step higher and hosting an International Conference on "Ecosystem Services of Wetlands' Ardrabhumi 2016". The conference is scheduled on for 16th and 17th February 2016. It has been a tradition of this college to organize preparatory workshops prior to the conference as a kind of curtain raiser on the themes of conference. These will be held on 14th August 2015 and 20th November 2015 as the first and second preparatory workshops respectively.

We take this opportunity to invite delegates from research and educational institutions, industrial fields and from NGOs to participate and present their posters or oral deliberations at the conference. Selected papers will be included in the proceedings of conference.



Conference Themes

- Ecosystem Services of Wetlands
- Wetland biodiversity: Monitoring Conservation and management
 - Microbial ecology of wetlands
 - Wetland and Agriculture
 - Restoration of aquatic habitats
 - Saltpan ecosystem
- Impact of anthropogenic activities and pollution status of wetlands
- Carbon Sequestration and Climate Regulation in wetland
- Wetland Ecotourism
- Ramsar Sites
- High Altitude Wetlands
- Wetland conservation- Laws and policies

REQUESTED CONTRIBUTIONS FROM : University/College Professors, Scientists, Researchers, Research students, Activists, Engineers, Technologists, Innovators, School Teachers, College Administrators, Professionals from Industries, Environmentalists and Enthusiasts for poster and paper presentation.

IMPORTANT DATES

1st Preparatory workshop	14 th August 2015
2nd Preparatory workshop	20 th November 2015
Last date for full length paper / manuscript submission and registration *Please note: Advanced registration is compulsory for all the authors and co-authors of the research papers	30 th December 2015
Conference dates	16 th and 17 th February 2016

REGISTRATION CHARGES: (Inclusive of two Preparatory Workshops*)

	Before 30th December 2015	After 30th December 2015	Spot Registration
Students	Rs. 1500	Rs. 2000	Rs. 2000
Academic delegates Industry	Rs. 3500	Rs. 4000	Rs. 4000
Professionals/NGOs	Rs. 5000	Rs. 6000	Rs. 6000
Participants outside India	USD 150	USD 200	USD 200

* The charges do not include any meals at the preparatory workshop.
Correspondence: wetland2016@gmail.com

“DD should be drawn in favour of “Principal, B. N. Bandodkar College of Science, Thane”

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Instructions for Authors

1. English is the official language of the conference; hence all communication must be made in English only.
2. Submission of a paper / manuscript by author/s will be considered as original research not previously published elsewhere.
3. Selected papers will be published in the proceedings of the conference.
4. The manuscript should be in A4 size. Left, right, top and bottom margins should be 2.00 cm each.
5. The 'Title' should be in 14-point Times New Roman, it should be brief and specific.
6. A blank line should be left after the title. Names of authors, affiliations and e-mails should be provided after the title.
7. Font size throughout the paper should be 12-point in Times New Roman, in single space, and justified.
8. The 'Abstract' should be a summary of the paper not more than 200-words along with 4-5 keywords.
9. Graphics and pictures should be prepared in black and white only.
10. One blank line should be allowed between the components of the paper (i.e. introduction, materials and methods, observations, results, conclusion and references).
11. For titles of tables, graphics and pictures, sentence case should be used.
12. Texts used in tables, graphics and pictures should be in Times New Roman. (Font size 10 pt.).
13. References should be at the end of the paper and should be listed alphabetically.
14. References and citations within the text should be prepared in the APA format.
15. Abbreviations should comply with the standard use. They should be given in full format at the first place they are used. SI unit should be employed where applicable.
16. Full-length paper should not exceed the limit of 3000 text words.
17. All submissions must be by email attachment preferably in MS words.

All papers must adhere to this template in format. No paper can be processed if not formatted according to the stated rules and regulations.

Registration

All Participants must submit the completed registration form along with DD. Without the receipt of your complete **registration form, fee paid**, registration for the conference is annulled.

Please note: Advanced registration is compulsory for all the authors and co-authors of the research papers / manuscripts.

Registration charges are exclusive of dinner and accommodation during the conference.

Conferences/Seminars/Workshops conducted at VPM Campus

Year	Department	Topics
2014-15	Botany	National conference on 'Emerging Trends in Bioinformatics and Taxonomy'
2013-14	Zoology and Environmental Science	National conference on Biodiversity Status and Challenges in Conservation – Faveo 2013
2012-13	Information Technology Chemistry Mathematics	National Conference : FUTECH National Conference on Phytochemistry: Recent Trends and Challenges National Seminar on Recent Research Trends in Mathematics
2011-12	Department of Chemistry and Research Committee Botany Information Technology Biotechnology	National Seminar on Avenues on Scientific Research Proposal Grants. National Seminar on "Evolving of Scientific terminology in Environmental Science in regional language." National Conference on Cloud Technology National Conference on Biotechnology in diagnostics.
2010-11	Information Technology Botany	National Conference on "Intelligent System National Conference on "Orchid Genetic Diversity: Conservation and Commercialization"
2009-10	Library BARC and VPM's B. N. Bandodkar College of Science.	State Level Seminar "Re-engineering of Libraries" Seminar on "Dr. Homi Bhabha commemorative seminar "New Vistas in research in Physics"
2008-09	Zoology	National Conference on National Seminar "Wonderful world of insects"
2007-08	Chemistry	National Seminar on "Contaminants in food and beverages"
2006-07	Information Technology Information Technology Mathematics and Statistics Chemistry	National Conference on "Linux Thane 2006" University Level Workshop on "Linux Training Programme for Faculties" University Level Seminar "Financial Mathematics" Workshop on "Refreshing chemistry for biologist 2006"
2005-06	Physics Physics Statistics	National Conference "Einstein's theories and present Scenario" Workshop on "Vedic Mathematics" University Level Workshop on "Statistics for Non statisticians"
2004-05	Botany Physics	National Conference on "Human health and nutrition A Biotechnological Approach" State level seminar on "Indian Mathematics"
2003-04	Chemistry	Workshop on "Laboratory safety"
2002-03	Zoology, UGC sponsored	National Conference on "Creeks, Estuaries and Mangroves: Pollution and Conservation"

Vidya Prasarak Mandal, Thane

Group of Institutions

- ❑ **Dr. Bedekar Vidya Mandir (Marathi Medium School)**
- ❑ **Sou. A. K. Joshi English Medium School**
- ❑ **B. N. Bandodkar College of Science**
- ❑ **K. G. Joshi College of Arts**
- ❑ **N. G. Bedekar College of Commerce**
- ❑ **VPM's TMC Law College**
- ❑ **Dr. V. N. Bedekar Institute of Management Studies**
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- ❑ **VPM's Maharshi Parshuram College of Engineering, Velneshwar**
- ❑ **VPM's Centre for Career and Skilled Development**



**International Conference on
Ecosystem Services of Wetlands
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Registration form

Title of the Scientific manuscript: _____

Sections: Mark a cross [x] where applicable

- Ecosystem Services of Wetlands
- Wetland biodiversity: Monitoring Conservation and management
 - Microbial ecology of wetlands
 - Wetland and Agriculture
 - Restoration of aquatic habitats
 - Saltpan ecosystem
- Impact of anthropogenic activities and pollution status
- Carbon Sequestration and Climate Regulation in wetland
- Wetland Ecotourism
- Ramsar Sites
- High Altitude Wetlands
- Wetland conservation- Laws and policies

Name of the Author: _____

Male /Female _____ **Signature:** _____

Email : _____ **Mobile number :** _____

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Corresponding Author: _____

DD No: _____ **Dated :** _____ **of Bank:** _____

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