



**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

**National Conference on
New and Emerging Trends in
Bioinformatics and Taxonomy
'NETBT 2015'**

January 14th and 15th 2015

Venue

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

Organized by

Department of Botany and Research Committee
VPM's B.N.Bandodkar College of Science,

In Collaboration with

Association for Plant Taxonomy, Dehradun
and
Blatter Herbarium, St. Xavier's College, Mumbai



Our Vision: Imparting Quality Education in Science

Preamble

For any worthwhile conservation efforts, we must first be aware of our rich heritage, natural possessions and well versed with technicalities thereof. Sustainable utilization of biological assets requires knowledge about their variety and diversity in terms of characteristics and locations, their interrelations with each other and the environment, understanding and interpretations of which are built upon the foundation of taxonomy. Since time immemorial, taxonomy has been providing a valuable support system towards fulfillment of human needs. Classical taxonomy today is in dire need of revival. Hence it becomes our responsibility to create awareness about the role and applications of taxonomy and recent trends in the science of classification in documentation and conservation of biological diversity.

Revolving around the central theme of Taxonomy of plants, animals and microbes, the prime areas of focus of the conference will be classical and modern taxonomy as well as recent advances and emerging trends in the subject, modern taxonomical tools and their applications.

The conference is being organized by B.N.Bandodkar College of Science, Thane which was established in 1969. It is one of the prime institutes offering education from Junior College to Doctorate levels. Apart from basic sciences, applied subjects such as biotechnology, microbiology and biochemistry at the graduate levels and Environmental Science and Information Technology at Postgraduate levels have also been introduced. Courses have been introduced in collaboration with Universities in Sweden and Canada.

Jnanadweepa (Island of knowledge), VPM's college campus, also known as Thane college campus is centrally located in the lake city of Thane, on the outskirts of Mumbai, the financial capital of India and a teeming megapolis. Thane and its immediate surroundings sport diverse ecosystems comprising forests, several fresh water bodies, creeks and estuaries, all of them exposed to the onslaught of rapid and massive urbanization.

The Department of Botany, well-equipped for post-graduate and doctoral studies, has successfully organized National Conferences on themes of Human Health and Nutrition (2005), Orchids (2009), Evolving Scientific Terminology in Environmental Sciences in Regional Language (2011) and now proposes the National Conference on taxonomy.

The **National Conference on New and Emerging Trends in Bioinformatics and Taxonomy** has been scheduled in January 2015. Preliminary summits are intended in the form of two preparatory workshops to be held in August and December 2014. Experts and delegates are cordially invited for their deliberations in various technical sessions.



Themes (Plant/ Animal/ Microbial Taxonomy) and Sub Themes:

- Biodiversity and Taxonomy: Past, Present and Future
- Biosystematics
- Classical Systems of Taxonomy, systematics and phylogeny
- Chemotaxonomy, Molecular markers in taxonomy
- Morphometry and Taxonomy, Numerical Taxonomy
- Modern trends and techniques in Plant/ Animal/ Microbial Taxonomy
- New and Emerging Challenges in Taxonomy
- Reproductive Biology and Systematics
- Science of Taxonomy- its Relevance Today
- Taxonomic Keys and Literature
- Taxonomy in relation to Anatomy, Embryology, Palynology and other branches
- Taxonomy of Cultivated Plants
- Bioinformatics and new discoveries related to Taxonomy
- Bioinformatics tools to re-classify novel species
- Genomic sequencing and taxonomy reclassifications
- Herbaria/ Microbial Herbaria (Culture Collections)
- International Codes of Nomenclature
- Role of ICT in Taxonomy

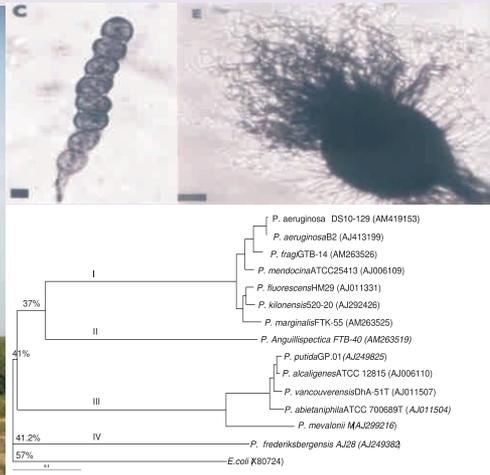


Competitions :

As part of the national conference, Essay Writing, Photography, Drawing and Painting Competitions on the theme will be organized.

Contributions are invited from:

Administrators, College/ University Professors, Environmentalists, Innovators, Professionals from Industries, Researchers, Research students, Scientists, Taxonomists, Teachers, Technologists and Enthusiasts for participation, research paper and poster presentations.



IMPORTANT DATES

1st Preparatory workshop	12th August 2014 (Tuesday)
2nd Preparatory workshop	13th December 2014 (Saturday)
Conference dates	14th and 15th January 2015 (Wednesday & Thursday)

Please submit your Abstracts by **25th November 2014** (mention theme & subtheme as applicable; confirmation of acceptance by 4th Dec 2014)

Please submit Full Length Papers by **10th December 2014**

(Papers will be scanned by committee of experts and may be sent for revision if required)

Volume of proceedings with ISBN will be published; only abstracts will not be accepted.

Registration charges:

Professionals from Industry : Rs.3500/-

Academic Delegates : Rs.2500/-

Students (proof essential) : Rs.1500/-

DD should be drawn in favor of

**Principal, B.N.Bandodkar College of Science,
Thane**, payable at Thane, Maharashtra



Correspondence:

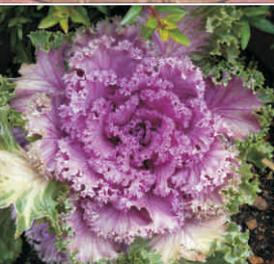
Dr. Moses Kolet, Organizing Secretary.

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Website : www.vpmthane.org



Submission Requirements :

Please see the guidelines for authors.

All participating authors must register themselves before the deadline (10th December 2014).

All communications will be with the corresponding author.

Basic equipment for oral paper and poster presenters will be provided.

All participants must register by paying the full registration fee as applicable.

Presentations that advertise commercial products will not be accepted; however if you have a commercial product to exhibit or market, please contact the college.

Entitlement of Registered Delegates :

Entry to all sessions of the conference, inclusive of preparatory workshops

Conference stationery; Receipt of payment

Technical support for paper presentation

Certificate of participation/ presentation



Guidelines for Authors :

1. English is the official language of the conference.
2. The paper should be in A4 format. Left, right, top and bottom margins should be 2.00 cm each.
3. Title should be 14-point Times New Roman, all in capital letters, bold and centred.
4. Font size throughout the paper should be 12-point in Times New Roman, in single space, and justified.
5. Do not put title, rank or degree e.g. Dr, Prof, etc. Do not give page numbers for the paper.
6. A blank line should be left after the title. Names of authors, affiliations and e-mail should be provided after the title.
7. In case of more than one author, please underline the presenting author and notify corresponding author with asterick (*) mark.
8. The "Abstract" should be a summary of the paper (maximum 200words) along with 4-5 keywords.
9. Graphics and pictures should be prepared in black and white.
10. One blank line should be allowed between the components of the paper (i.e. introduction, materials and methods, results and discussion, conclusion, references). The headings should be upper case (capitals) and bold.
11. Fortitles of tables, graphics and pictures, sentence case should be used.
12. Texts used in tables, graphics and pictures should be Times New Roman. (Font size 10 point).
13. Complete References (alphabetically arranged) should be listed at the end of the paper. References and citations within the text should be prepared in the APA format.
14. Abbreviations should comply with the standard use. They should be given in full format at the first place they are used. SI units should be employed where applicable.
15. Full length paper- maximum 5 pages.
16. All submissions must be by email attachment in MS word and must adhere to the format mentioned above.
17. Papers submitted after the prescribed deadline may be presented at the conference but they may not be published in the proceedings.
18. **Registration** All Participants must register for the conference. Authors should register at time of submission of paper and also **submit undertaking of originality and copyright agreement failing which the paper will not be accepted.**
19. Oral paper : Power point presentations
Poster presentation : Poster size 60cm (horizontal) X 90 cm (vertical)*
20. Presentation of Photographs (Clicked by the participant) : Prints of any suitable size with description / text on poster size* mounting.

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**Conferences / Workshops / Seminar conducted by
B. N. Bandodkar College of Science, Thane**

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

National Conference on
NEW AND EMERGING TRENDS IN BIOINFORMATICS AND TAXONOMY
'NETBT 2015'

January 14th and 15th 2015

Registration Form

Full Name: Prof./ Dr./ Mr./ Mrs./ Ms. _____

Only Participating/Participating and presenting oral paper/poster/ Photographs
Category of Participation: Academician/Delegate from industry/student/inhouse student

E mail id: _____ Tel: _____ Mobile: _____

Institution: _____

Address: _____

DD No. _____ Drawn on (Bank) _____ Dated _____

Title of the Scientific manuscript: _____

Author/s:

Theme:

Date of submission of Research Paper:

Transfer of copyright and Undertaking

The manuscript submitted herewith for publication in proceeding with ISBN on the occasion of National Conference on New and Emerging Trends in Bioinformatics and Taxonomy has not been published before and is also not under consideration for publication elsewhere. When accepted for publication I/ we, as author/ s hereby agree to transfer all rights, inclusive of those pertaining to electronic forms of transmission, under existing copyright laws to B.N.Bandodkar College of Science, Thane (W), Maharashtra, India.

I/ we certify the contents of the research paper as my/ our original work.

Signature/s of Author/s; Name and Designation; Organization:

(Photocopies of this form will also be accepted)