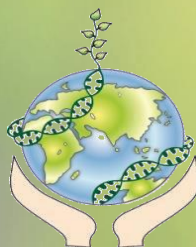




Vidya Prasarak Mandal's

# B. N. Bandodkar College of Science, Thane

NAAC Re-Accredited 'A' Grade, Best College Award, University of Mumbai,  
Recipient of FIST 'O' level Grant from DST, RBNQA Commendation Certificate  
Recipient of Grant for Star College Scheme, DBT



## International Conference on Emerging Technologies For Sustainable Agriculture

6<sup>th</sup> & 7<sup>th</sup> January, 2017

Organized by

Department of Biotechnology and Microbiology

In collaboration with

Dr. Balasaheb Sawant Konkan Krushi Vidyapeeth, Dapoli

Venue

Thorale Bajirao Peshave Sabhagruha  
V. P. M.'s B. N. Bandodkar College of Science,  
'Jnanadweepa', Chendani Bunder road,  
Thane (W), 400601. Maharashtra, India.

## Preamble

In India, the agriculture sector has occupied almost forty three percent of its geographical area. Two third of the employed population solely depends on agriculture for their living and hence have most significant impact on Indian Economy. Agriculture is still the only largest contributor to India's GDP and also plays a significant role in the growth of socio-economic sector.

After the 1960 crisis, our country depends heavily on the agriculture sector, especially on the food production unit. Since then, lots of efforts have been put up to become self-sufficient in food production and this endeavor has led to the Green Revolution. In the post-independence era, the successive story of the agriculture sector has not only made it self-sufficing in grain production, but also has made substantial reserves for the same.

Modern technologies with or without radical structural changes may lead to another green revolution! Agricultural Biotechnology particularly offers innumerable benefits to the farmer in terms of transgenic crops having desired traits. Collection of scientific techniques used to improve plants, animals and microorganisms enhances the breeders' ability to improve crops and livestock which otherwise is not possible with traditional crossing of related species alone. However, with various transgenic varieties in use and different ethical issues and risk factors associated with them, biotechnology provides lot of opportunities and challenges for sustainable agriculture. In view of farmers' suicide cases in Maharashtra, there is an urgent need for dissemination of the knowledge to the farmers and youth that would play a key role in bringing in an agricultural reform.

The international conference on 'Emerging Technologies For Sustainable Agriculture' would bring together leading academic scientists, research scholars, industry professionals and farmers to exchange and share their experiences and research results about numerous aspects of Agriculture and Biotechnology. It would also provide a premier interdisciplinary forum to present and discuss the most recent innovations, trends, concerns and practical challenges encountered along with the solutions adopted in the form of invited talks, research paper presentations, poster presentations and discussions. Such platform would initiate a dialogue amongst all the stakeholders and be instrumental in generating and motivating young Agro-Entrepreneurs.

The scientific program of the conference would be designed to discuss major segments such as Molecular markers, Genomics in Agriculture, Biodiversity Protection: The 'Gene Banks', The 'Protato' story, Biofertilizers and Biopesticides, Plant tissue culture and Micropropagation, Entrepreneurship opportunities in agricultural Biotechnology, Petrocrops and Biofuels, Agriculture and Nanotechnology, PGPRs (Plant Growth Promoting Rhizobacteria), Support practices: Algal culture, Mushroom cultivation, IPRs in agricultural biotechnology.

## Objectives of the conference

1. To bring together academicians and experts from different countries in order to exchange knowledge and ideas.
2. To inculcate in depth analysis of the subject and update the knowledge of the participants from industry, academic and research institutes.

## Important dates:

<b>First preparatory workshop</b>	20 <sup>th</sup> August , 2016
<b>Second preparatory workshop</b>	19 <sup>th</sup> November, 2016
<b>Last Date for abstract submission</b>	15 <sup>th</sup> October 2016
<b>Last date for full length paper submission</b>	30 <sup>th</sup> November 2016
<b>International conference</b>	6 <sup>th</sup> & 7 <sup>th</sup> January, 2017

## Registration fees can be paid by

- DD in favor of 'Principal, B. N. Bandodkar College of Science, Thane' Payable at Thane.
- Online payment: A/c No. 004310110000002,  
IFSC code: BKID0000043, Branch: Shivaji Path, Thane
- Registration can be done before or on the spot – [www.vpmthane.org](http://www.vpmthane.org)
- Registration charges include Conference kit, Breakfast, Lunch and Tea.
- Accommodation for outstation delegates would be made available on prior request only. The charges for the same would have to be paid separately. No separate fees are to be paid for preparatory workshops.
- **Correspondence:** [icontesa2017@gmail.com](mailto:icontesa2017@gmail.com)

## Registration charges:

	Early bird		Late Bird / Spot registration	
	(Before 10 <sup>th</sup> Dec. 2016)		(after 10 <sup>th</sup> Dec. 2016)	
	Indian	Foreign	Indian	Foreign
<b>Students</b>	1500/-	150 USD	2000/-	200 USD
<b>Faculty</b>	3500/-	150 USD	4000/-	200 USD
<b>Industry Professionals</b>	5000/-	150 USD	6000/-	200 USD

## List of Eminent speakers for the International Conference

<b>Sr. No.</b>	<b>Name of Speaker</b>	<b>Universities/ Institute / Organization</b>
1.	Dr. Totsche	Chair of Hydrogeology, Lehrstuhl für Hydrogeologie, FSU Jena, Germany.
2.	Dr. Asaph Aharoni	Department of Plant Sciences, The Weizmann Institute of Science, Rehovot, Israel.
3.	Dr. Malali Gowda	Professor, Transdisciplinary University (TDU), Foundation of Revitalization of Local Health Traditions (FRLHT), Bangalore, India. Founder, DNA Life. Technology Advisor, Bengaluru Genomics Center, India.
4.	Dr. Shubhankar Roy Barman	Associate Dean (Academic & Examination), Department of Biotechnology, Warden (J. C. Bose Hall of Residence) National Institute of Technology, Durgapur, Mahatma Gandhi Avenue, Durgapur, West Bengal, India.
5.	Dr. G. Archana	Associate Professor, Department of Microbiology, M. S. University of Baroda, Gujarat, India.
6.	Dr. P. U. Krishnaraj	Professor and Head, Department of Agri. Microbiology, College of Agriculture, Vijayapura, University of Agricultural Sciences, Dharwad, Karnataka, India.
7.	Dr. N. B. Gokhale	Incharge , Plant Biotechnology Centre, DBSKKV, Dapoli
8.	Dr. S. V. Sawardekar	Associate Professor, Plant Biotechnology Centre, DBSKKV, Dapoli, Maharashtra, India.
9.	Dr. Ashok Giri	Sr. Scientist, Biochemical Science Division, National Chemical Laboratory, Pune, Maharashtra, India.
10.	Dr. Rajas Warke	Director, Agriculture Division, Warkem Biotech, Mumbai, India.

## List of Eminent speakers for Pre-Conference Workshops

<b>Sr. No.</b>	<b>Name of Speaker</b>	<b>Universities/ Institute / Organization</b>
1.	Dr. Shivani Patel	Head, Dept of Biotechnology, Shree M & N Virani Science College, Rajkot, India.
2.	Ms. Kavita Jadhav	Entrepreneur, Agro Service center, Nagar, India.
3.	Mr. Bhagwat Sapkal	NIPHT, Talegaon – Dabhade, Pune, India.
4.	Mr. Sanjay Gandante	Entrepreneur, Gadhchiroli, Chandrapur, India.
5.	Dr. M. A. Deodhar	Associate Professor, Department of Botany, KET's V. G. Vaze College, Mulund, Mumbai, India.

## **Chief Patron**

Dr. V. V. Bedekar

## **Convener**

Dr. (Mrs.) Madhuri Pejaver

## **Organizing Secretary**

Dr. Kalpita Mulye

Ms. Jayashree Pawar

## **Organizing Committee**

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Ms. Vanita Gadagkar

Ms. Sayali Daptardar

Ms. Zahera Momin

Ms. Purvi Shah

Ms. Chitra Nair

Ms. Lakshmi Iyer

Dr. Ashwini Tilak

Ms. Rucha Kulkarni

Ms. Vasudha Shetye

Mrs. K. K. Kardekar

Dr. Sayli Dalal

Ms. Priyanka Koli

## **Advisory Panel**

### **Dr. Meghana Joshi**

Director, Biocon-KGI Program, Claremont,  
CA.

### **Dr. Malali Gowda**

Professor, Genomic Discovery Program,  
FRLHT, Bengaluru, India.

### **Dr. Dilip Kamat**

HOD, Dept. of Microbiology, Mithibai  
College, Mumbai.

### **Mrs. Sulakshana Bhagwat**

Former HOD, Dept. of Microbiology, CHM  
College, Ulhasnagar, India.

### **Dr. R. P. Athalye**

Former Vice-Principal, B. N. Bandodkar  
College of Science, Thane.

### **Mrs. Milan Gholba**

Former Coordinator, IQAC, B. N. Bandodkar  
College of Science, Thane.

### **Dr. N. N. Patil**

Asso. Prof. Dept. of Zoology, B. N.  
Bandodkar College of Science, Thane.

### **Dr. P. N. Kurve**

Coordinator, Dept. of EVS, B. N. Bandodkar  
College of Science, Thane.

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**B. N. Bandodkar College of Science, Thane**  
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**International conference on**  
**Emerging Technologies for Sustainable Agriculture**  
**January 6 – 7, 2017**

**Registration form**

Name of the participant: \_\_\_\_\_

Student

Faculty

Industry

Designation: \_\_\_\_\_

Institute Address: \_\_\_\_\_

\_\_\_\_\_

Contact: Personal: \_\_\_\_\_ Office: \_\_\_\_\_

E-mail: \_\_\_\_\_

For Student : Please fill up following details.

Undergraduate

M. Sc.

Doctorate

Name of the College: \_\_\_\_\_

Subject: \_\_\_\_\_ Class: \_\_\_\_\_

Payment options: Cash / DD Date & Number \_\_\_\_\_

Other Details: \_\_\_\_\_

Signature of the participant

Signature of the Receiving Authority

# Conferences/ Seminars/ Workshops Conducted In Last Five Years

## Department

## Topics

**2015 – 16**

Zoology and Environmental Science

International conference on Ecosystem Services of Wetlands ‘Ardrabhumi 2016’

**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

National Conference – FUTECH

Chemistry

National Conference on Phytochemistry : Recent Trends and Challenges

Mathematics

National Seminar on Recent Research Trends in Mathematics

**2011 – 12**

Department of Chemistry and Research Committee

National Seminar on Avenues on Scientific Research Proposal Grants

Botany

National Seminar on Evolving of Scientific terminology in Environmental Science in Regional Language

Information Technology

Biotechnology

National Conference on Cloud Technology National Conference on Biotechnology in Diagnostics

# **Vidya Prasarak Mandal, Thane.**

## **List Of Institutes**

B. N. Bandedkar College Of Science

K. G. Joshi College Of Arts

N. G. Bedekar College Of Commerce

V. P. M's TMC Law College

V. P. M's Polytechnic College

V. P. M's Advanced Study Centre

V. P. M's Polytechnic IT Centre

Dr. V. N. Bedekar Institute Of Management Studies

V. P. M's Centre For Foreign Language Studies

V. P. M's Department Of Defense And Strategic Studies

V. P. M's London Academy For Education And Research

V. P. M's Academy Of International Education And Research

Dr. Bedekar Vidya Mandir

Sou. A. K. Joshi English Medium School