

About 26th AABE 2016:

26th Biennial conference of the AABE is

organized by:

The AABE, India Chapter
&

Vidya Prabodhini College of Commerce,
Education, Computer & Management, Goa

In collaboration with:

Homi Bhabha Centre for Science Education, Tata
Institute of Fundamental Research, Mumbai;

Rayat Education Society, Satara;

Shri Shivaji Education Society, Amravati;

Association of Teachers in Biological Sciences,
India;

St. Ann's College for Women, Hyderabad;

The International Centre, Goa, India.

Registration:

Process of Registration is Online. Register online
at <http://www.26aabe2016.com>

Payment of fees must accompany all registration forms. Your registration WILL NOT be confirmed until payment is received in full. Payment must be made in Indian Rupee (INR). The conference organizer will not accept any bank charges associated with the transfer of money. **Payment may be made only after acceptance of abstract is intimated.**

REGISTRATION FEES:

1. Academicians/teachers (outside India): INR 13,000 (Approximately 200USD)
2. Academicians/teachers (within India): Rs. 4000/-.
3. Students (outside India): INR 10,000 (Approximately 150USD)
4. Students (within India): Rs. 3000/-
5. Non-presenting participant (outside India): INR 6500 (Approximately 100USD)
6. Non-presenting participant (within India): Rs. 3000/-

Registration fee includes conference kit, refreshment & lunch. Registration fee is non-refundable.

About AABE:

The Asian Association for Biology Education (AABE) is a not-for-profit educational organization dedicated to the advancement of biology education and the dissemination of information relating to biology education. AABE's principal office address is: Philippine Science High School System, Agham Road, Diliman, Quezon City, Philippines 1104. The first AABE conference was organised in 1966 at Manila, Philippines and 12th AABE was organized in India on December 1988 at Delhi. AABE's lead journal, The Asian Journal of Biology Education (Asian J. Biol. Educ.) is published electronically with ISSN 1447-0209. The Journal may be accessed on: www.aabe.sakura.ne.jp. The journal and the conference proceedings are indexed and archived at UNESCO.

Objectives of 26th AABE Conference:

*To bring together teachers and researchers engaged in biology education from different countries on a common platform to cooperate, share and evolve ways to continue to work together.

*To create awareness among biology teachers and researchers about AABE including its aims and activities through series of pre-conference workshops.

*To provide an opportunity for exchange of ideas on best curricular practices, as well as practices that highlight how to deal with current challenges.

*To suggest/develop suitable pedagogy and compile new resources for effective curriculum delivery.

*To generate awareness about use of modern techniques employable in teaching and learning.

*To develop methods to enhance awareness of issues related to environment conservation, health and hygiene, scientific temperament and skill-development.

* To create a network of biology teachers & scientists across the Asia-Pacific, in order to continue the exchange of ideas that get discussed during this conference.



26th Biennial Conference of the Asian Association for Biology Education

Goa, India
September 20 -23, 2016

on
Trends in Biology Education
& Research:
Practices & Challenges



-. Conference Venue:-

The International Centre
Goa, India

Website: <http://www.26aabe2016.com>

Email: 26aabe2016@gmail.com

Venue & Accommodation:

<http://www.internationalcentregoa.com>

Theme

Trends in Biology Education & Research: Practices & Challenges

Education across the globe has constantly undergone changes as it tried to meet the expectations and challenges of the society. This is true for Biology education too. A child's first foray into science at the primary level has mainly been through topics from biology. However, there has not been serious and systematic effort on the part of teachers, science education researchers or curriculum planners to make use of this early advantage and build effective Biology Education models at higher levels of education.

Networking of teachers of schools and colleges along with scientists at higher research centers could facilitate to address questions in Biology Education and Research. The focus of this conference is to bring about collaboration among all of the above stakeholders from the Asia-Pacific region to bring about a robust biology education for all.

Sub Themes:

Learning Biology through Enquiry

Inquiry-based education allows learning concepts in contextually relevant situation, getting an opportunity to remember not merely the definition, but the smell, sight, feel, the changes visible and not-easily visible, allowing for a thorough understanding of what life really means.

Impact of Local Issues relevant to biology in global scenario:

Biology learning must take examples from the local context and then find connections with the global and textbook concepts.

Strategies for Awareness of Community health through Biology:

Hygiene of individual or at the community level is an issue that needs to be addressed urgently. Strategies will have to start with dealing with these concepts through the inquiry based methods and with an ecological approach. Both these pedagogical approaches will allow for discussion and of personal involvement of learners i.e. both teachers and students.

Sub-Themes

Ecological Approach to Learn Biology

Ecology cannot be casually or perfunctorily treated as an extension of the primary level environmental education. We need to clearly differentiate between the two and then proceed to examine how ecological functions can be highlighted in every aspect of learning biology.

Educational Technology for Biology Education

Grand and interesting processes of life happen at the microscopic level. Therefore use of technology such as videos, micrographs, microscopes and other modern popular instruments will add a new dimension to understanding such processes. Gaming is something the modern day generation understands. Computer games, simulations and graphics are effective ways of teaching biology.

Classroom Teaching Learning & Assessment

Questions drive the learning process. Assessments should enrich processing and thinking skills. Biology educators must therefore come up with opportunities for teachers and school administrators to become familiar with and to construct systems that will assist in the right atmosphere and method of assessing the learning process.

Current Challenges & New Approaches for Biology Teachers

Teachers across the country must be experimenting with different practices to meet their curricular needs. Such good practices in biology education must be documented and made available to the larger community. This conference can become a platform to share and document meaningful work.

Incorporating innovations from ICT offer both challenges and opportunities for biology education. New approaches should aim at involving all our sense organs as input devices for the learner to strengthen spatial visualization, verbal learning, abstract reasoning to facilitate a thorough understanding of what life really means.

Practices & Challenges in Biology Research & Education

Biological research need to be translated into biology teaching. While research in Biology is in full bloom, there is hardly any research in the field of biology education in India. This necessitates networking of universities, higher research institutes and industries with schools and colleges. Models for such network for effective collaboration for the optimization of resource mobilization are expected to be shared in this conference.

Call for papers

26th Biennial conference for AABE is the premier forum for the presentation of new trends, advances and research results in the fields of Biology Education, Teaching and Research. It is the goal of 26AABE2016 to invite original research from students, teachers, researchers, scientists and policy makers to share knowledge, exchange ideas and establish academic relationships.

Publication Opportunities:

All accepted abstracts will be published in the conference abstract book with ISBN. After the conference, accepted papers will be published electronically in the Asian Journal of Biology Education (ISSN 1447-0209). A few selected papers will also be considered for publication by other renowned publishers.

ABSTRACT SUBMISSION:

Authors can submit their abstract (500 words) on any sub-theme. There is facility for oral and poster presentations.

Log-on to the 26AABE website for abstract submission, policies and screening details: <http://www.26aabe2016.com>

Submission will be open from April 15, 2016. The final deadline to submit the abstract is **May 31, 2016**.

IMPORTANT DEADLINES:

Abstract submission: April 15 to May 31, 2016
Online Registration: April 15 to May 31, 2016
Early Bird Registration: Before May 31, 2016
Full Length Paper Submission: Before August 31, 2016

Acceptance of abstracts will be intimated on June 15, 2016.