

## ALVA'S EDUCATION FOUNDATION

Alva's Education Foundation (AEF), Moodbidri, Karnataka, established in the year 1995 offers courses across broad range of disciplines under Mangalore University, Rajiv Gandhi University for Health Sciences and Visvesvaraya Technological University. Besides advancing the cause of knowledge in various fields, the Professional colleges under AEF organize many cultural and literary festivals like Alva's Nudisiri, Alva's Virasat, Alva's Chitrasiri, Varna Virasat, the major events to lead rich meaning to the contemporary social life which is otherwise fraught with modern monotony and mandane uniformity. In addition many sports events of state and national denominations are organized to groom the budding talents for golden career.

Alva's College, a unit of AEF was established in the year 1998. The college is affiliated to Mangalore University and offers 22 undergraduate and 22 post graduate and addition courses redesigned with new combination to link them closely employment market. The campus is amidst sprawling greenery of foothills of the Western Ghats in Vidyagiri of Moodbidri. The culturally rich environment, the atmosphere of discipline and the year long activities make the student life eventful and ensure successful future life. The college ranks first in results and student strength in Mangalore University. The College is accredited by NAAC with B Grade and included under section 2(f) of UGC

## DEPARTMENT OF BIOTECHNOLOGY

The Department of Biotechnology was established in the year 2003. To equip the graduates with necessary skills expertise and to orient them towards research in the year 2008 to take the challenges of academics and industry. The laboratories provide good infrastructure facilities to enable the students to carry out projects and acquire expertise in handling the instruments. The department has already initiated research activities with projects funded by BRNS, Bombay and VGST, Bangalore in the fields of plants, animal and microbial biotechnology with research facilities for plant tissue culture and molecular biology. Alva's Centre for Research and Advanced studies is recognized by Tumkur, University Tumkur as Research Centre including Dept. of Biotechnology in the year 2012. The Department has also been recognized as research centre by Mangalore University in the year 2015. The Department has signed Memorandum of understanding with centre for Bioscience and Nanoscience Research (CBNR), Coimbatore and Synkro Max Biotech, Chennai in the year 2013 for collaborative research and academic programmes.

## THE KARNATAKA STATE POLLUTION CONTROL BOARD (KSPCB)

It was constitute as the 'Karnataka State Board for the Prevention and Control of Water Pollution' by the Government of Karnataka in 21 September 1974, Under the Water (Prevention and control of Pollution) Act 1974. Later, as per the water (Prevention and control of Pollution) amendment Act 1988 (Act. 53 of 1988), the name of the Board was changed to Karnataka State Pollution Control Board.

The Mangalore regional office situated in the industrial area, Baikampady was established in the year 1992 under the Jurisdiction of

Dakshina Kannada. The KSPC Board actively involved in organizing various programs for school and college students related to environment awareness and pollution control aspect. It has got full fledged laboratory for analytical work.

## THE CONFERENCE

Drug discovery is the process whereby a drug candidate or lead compound is identified and partially validated for the treatment of a specific disease. Drug development refers to the processes involved in taking a candidate drug through the stages necessary to obtain marketing approval. The end goal of drug development is to have a product that is approved by relevant regulatory authorities and can be prescribed to or otherwise made available to patients.

Present day most important developments in medical science typically begin in laboratories, such as the discovery of specific new biological molecules, processes, or pathways, or innovative applications of existing knowledge. In most cases, these discoveries in and of themselves have limited effect beyond meeting a fairly narrow research goal. Their real impact for public health generally comes after several more significant steps including further R & D, testing, approval by appropriate regulatory bodies, manufacturing, and distribution.

After learning more about the underlying disease pathway and identifying potential targets, researchers then seek to narrow the field of compounds to one lead compound – a promising molecule that could influence the target and, potentially, become a medicine. They do this in a variety of ways, including creating a molecule from living or synthetic material, using high-throughput screening techniques to select a few promising possibilities from among thousands of potential candidates, identifying compounds found in nature, and using biotechnology to genetically engineer living systems to produce disease-fighting molecules.

Pharmaceutical drug contamination in our groundwater, rivers, estuaries, lakes, and bays is an emerging issue. Pharmaceuticals enter wastewater from a variety of sources, including the flushing of unused medications. Flushing unwanted or unused medication is still a common disposal practice, despite the fact that sewage treatment plants, septic systems, and drinking water infrastructure were never designed to remove these contaminants. While flushing is no longer recommended, it remains a common disposal practice by many residents and in many hospitals and long-term care facilities. There are policies that prevent improper disposal of pharmaceutical drugs. Members of the public can safely and anonymously dispose of unused or expired medications. Possible health concerns include hormone disruption, antibiotic resistance and synergistic effects.

### Major topics under the themes:

1. Drug discovery : Needs and Challenges
2. Drug design: Traditional and *In silico* Approach
3. Drug development: Modern medicine
4. Drug development: Alternative Medicine
5. Clinical Research and Regulatory Affairs
6. Treatment and Disposal of Discarded Drugs under Biomedical Waste and Handling Rules 2016

## WHO CAN ATTEND

Academicians, Scientists, Faculties, Research Scholars, undergraduates and post-graduates from Universities, research institutes, colleges and personnel from industry are welcome to participate.

## REGISTRATION

Participants are required to send the filled registration forms along with the crossed Demand Draft in favour of "Principal, Alva's College, Moodbidri, payable at Moodbidri, Registration form is attached with brochure and additional copies may be taken by photocopying the same. Students and Research Scholars need to register with bonafide certificate issued by the Head of the department or Guides.

Category	Registration Fee (Rs.)
Students	200
Research Scholars	250
Faculty / Scientist	400
Corporate	500

## ORAL AND POSTER PRESENTATIONS :

The abstract should include the objectives, study approach, result and conclusions separately. The title of the paper should be in capitals and in bold followed by the names of the authors and their institutional address with e-mail id of the corresponding author. The abstract should be typed in single line spacing (Time New Roman font size 12 using MS word) and should not exceed 250 words.

Last date of abstract submission 10-02-2017

Intimation of acceptance 15-02-2017

Last date of abstract submission 15-02-2017

Kindly mail the abstracts to [natlconf2017@rediffmail.com](mailto:natlconf2017@rediffmail.com)

Poster boards of 1.0x1.0m will be provided. Posters should be legible and you are advised to organise your poster in to section, Viz., Abstract, Introduction, Result and Summary. Standard abbreviation should be used. The acceptance of the presentation in oral/poster session will be intimated through email.

## DATE AND VENUE

Date : 26th February 2017

Venue : Alva's College, Sundari Ananda Alva Campus Vidyagiri Moodbidri, Karnataka - 574227

Distance from Mangalore air port - 25 km

Distance from Mangalore railway station - 35 km

Distance from Mangalore Bus Stand - 34 km

Moodbidri can be reached conveniently by regular bus services and taxi from Mangalore

## ACCOMMODATION

Hotel accommodation in Moodbidri can be arranged on prior request. For Students Hotel accommodation will arranged if required necessary arrangements will be made to reach conference venue by organisers.

## PLACES OF INTEREST

Moodbidri is known as Jain Kashi of South India and it is an ancient center of Jain learning. Moodbidri houses 18 Jain temples (Basadis). The older of them is the 15th century Chandranatha Basadi, which is also known as the Thousand pillars Temple or Savira Kambada Basadi built in A.D. 1462 famous for its stone sculpture. The 2.5 metres tall bronze image of Lord Chandranatha Swami in the sanctum of this Basadi is considered to be very sacred.



St. Lawrence Church is known as the beacon of miracles, seems to have been in existence even before 1759 A.D. St. Lawrence Shrine is situated at the foothill of Parpale hill in a little village called Attur, which is about 5 km west of Karkala bus stand. It is believed that if a person visits the church during the annual festival and lights a candle making a wish, the wish comes true, even on other days devotees light candles praying for the fulfillment of their wishes. St. Lawrence Shrine, or Attur Church, was built in the 18th century by Christians who fled Portuguese rule in India.



Shobhavana is a living testimony of tireless and conscientious effort of Dr. Mohan Alva to preserve the rich flora of the tropical coast line of India in all its splendor. It is located at a distance of 8 km from Moodbidri towards Mangalore. It is spread across over an area of 140 acres. This herbal garden is home for more than 14,000 varieties of vana's which includes the enchanting Nakshatra Vana, Rashi Vana to name a few. Here more than 330 varieties of rare and endangered species found only along the western ghats terrain are also preserved.



Karkala Gomateshwara is located atop a hill, called the Bahubali hill, it is a towering monolithic granite structure and one among the five main Gomateshwaras in the state. It rises 42 feet and is the second tallest in the state after the Gomateshwara in Shravanabelagola. The State is enclosed by a square compound in front of which is a tall carved pillar called Manasthamba, and flanked by a shrine dedicated to Parshwanatha and Sheethainatha.



### Chief Patrons

**Dr. M. Mohan Alva**

**Chairman**

**Alva's Education Foundation (R.), Moodbidri**

**Mr. Rajashekar Puranik**

**Environmental Officer**

**Karnataka State Pollution Control Board Mangalore**

**Patrons**

**Prof. Kurian**

**Principal**

**Alva's College, Moodbidri**

**Mr. Vivek Alva**

**Trustee**

**Alva's Education Foundation @, Moodbidri**

**Convener**

**Dr. Rama Bhat P.**

**H.O.D., P.G. Dept of Biotechnology**

**Alva's College, Moodbidri**

**Organising Committee Members**

**Dr. Jayadev K.**

**Mrs. Shwetha D. Shetty**

**Dr. E. Jenitta Emima Packiyam**

**Dr. Raghavendra Rao B.**

**Dr. Shrinidhi Shetty**

**Correspondence**

**All the correspondence regarding registration and for any other information may be sent to**

**Dr. Rama Bhat P.**

**Convener**

**National Conference**

**Post Graduate Dept. of Biotechnology**

**Alva's College, Vidyagiri**

**Moodbidri - 574227, Karnataka**

**Email : [natlconf2017@rediffmail.com](mailto:natlconf2017@rediffmail.com)**

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**Mobile : 9880844170 (Dr. E. Jenitta E.P.)**

**website : [www.alvascollege.com](http://www.alvascollege.com)**



## ALVA'S COLLEGE

**A unit of Alva's Education Foundation (R.)**

## Current Trends In Drug Discovery Design and Development

**Organised by  
Department of Biotechnology  
Alva's College, Moodbidri**

**In association with  
Karnataka State Pollution Control Board, Mangalore**

**Date  
23<sup>rd</sup> February 2017**

**Venue  
Alva's College  
Sundari Ananda Alva Campus,  
Vidyagiri, Moodbidri - 574227**





**ALVA'S COLLEGE**  
(A unit of Alva's Education Foundation)

**NATIONAL CONFERENCE ON  
"CURRENT TRENDS IN DRUG DISCOVERY, DESIGN  
AND DEVELOPMENT"**

**REGISTRATION FORM**

Full Name:.....  
 Designation: .....  
 Sex: M / F:.....  
 Name of the Institution/Organization: .....  
 .....  
 Address for Communication:.....  
 .....  
 City:..... State:..... Pin code.....  
 E-mail:.....  
 Phone No:..... Fax.....  
 Status : Faculty  Student  Research scholar  Corporate   
 Presentation : Oral  Poster   
 Title:.....  
 .....  
 Accommodation Required : Yes / No  
 if yes, from..... to .....

Registration Fees: Rs..... D.D. No.....  
 Dated.....  
 Bank.....

D.D. Drawn in favor of "Principal, Alva's College, Moodbidri", payable at **Moodbidri**

Signature of the Participant

Signature with Seal of  
Head of Institution / Guide

Date:

Place:

**Note:** Registration form may be photocopied if additional forms are required. Bulk registration from Department/ Institute including staff and students are encouraged for the ease of purchase of D.D., correspondence and further processing of registration. Filled in application with D.D. may be sent at the earliest to: **Dr. Rama Bhat, Convener, National Conference on Current Trends in Drug Discovery, Design and Development P.G. Department of Biotechnology, Alva's College, Moodbidri, Karnataka 574 227**



**ALVA'S COLLEGE**  
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**NATIONAL CONFERENCE ON  
"CURRENT TRENDS IN DRUG DISCOVERY, DESIGN  
AND DEVELOPMENT"**

**REGISTRATION FORM**

Full Name: .....  
 Designation:.....  
 Sex: M / F:.....  
 Name of the Institution/Organization:.....  
 .....  
 Address for Communication:.....  
 .....  
 City:..... State:..... Pin code.....  
 E-mail:.....  
 Phone No:..... Fax.....  
 Status : Faculty  Student  Research scholar  Corporate   
 Presentation: Oral  Poster   
 Title:.....  
 .....  
 Accommodation Required : Yes / No  
 if yes, from..... to .....

Registration Fees:Rs..... D.D. No.....  
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 Bank.....

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Signature of the Participant

Signature with Seal of  
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