

Abstracts for oral/poster presentations (via E-mail: convenercon2015@gmail.com) should be submitted on or before 08th March, 2015. All the participants should get themselves registered before this deadline by sending duly filled registration form along with the registration fee (mention below) by demand draft payable at Banasthali in favor of NCCPS-2015, UCO bank Banasthali Vidyapith (A/C payee only) or online mode, A/C No. 05210210000069 IFSC code; UCBA0000521. (Fee may be accepted in cash from local participants).

Abstract format: Authors presenting the papers should submit the title in 14pt bold, centered and the name of presenting author should be underlined, in 12pt normal. It should follow the name of the department, institute and its address the abstract should be submitted in 250 words (using MS word, Times New Roman 10 pt, and single space). An A4 size paper with normal margins should be used for abstract submission.

Registration fee :

Research Scholars: ₹ 500

Faculty Members: ₹ 600

Accommodation : Outside participants will be provided accommodation in the university's guest house on payment basis.

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National Conference on

Emerging Trends in Chemical & Pharmaceutical Sciences

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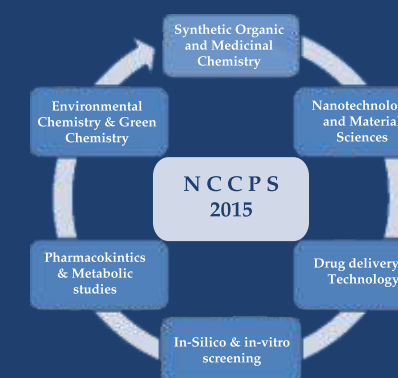
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BANASTHALI UNIVERSITY



National Conference on Emerging Trends in Chemical & Pharmaceutical Sciences

March 12-13, 2015



Organized by :
Department of Chemistry & Department of Pharmacy
Banasthali University
Banasthali - 304022
Rajasthan



Supported by
Department of Science & Technology, New Delhi

About The Institution



(A University for Women; University with a difference)

- Accredited Grade A, (2011-16) by NAAC
- Placed in the category Nation builder by India Today (Aug 2008)
- Placed in category A by MHRD (2010)
- Awarded all India University rank I (Factual), A C Nielsen in 2012.
- Ranked as 22 among all the Indian Universities by India Today in 2014.

Ever since to its foundation in 1935, the institute has grown as a premier centre of education for girls from nursery to postgraduate and Ph.D. level, with a fully residential campus spread over 850 acres of land and 12000 students from all parts of the country and abroad. After acquiring the status of the university in 1983, it has developed into an International Centre of Women Education in India that has earned a respectful place among the Indian Universities. Its university system of education provides courses in all traditional and modern disciplines through its ten faculties, with a tie up with overseas universities for students/ faculty members exchange programme. Vidyapith has a vigorous doctoral research programme in various fields (with a strong emphasis on sponsored projects). Since its inception, its aim has been to offer education on the India's basic cultural and traditional values. Its educational philosophy is based on a judicious blend of the spiritual and scientific values of east and west. It provides an all-round development of students' personality with a view to prepare them to accept leadership roles in all walks of life. It has the facility of swimming, horse riding, shooting, flying etc. under its fivefold educational programme.

About The Departments

Chemistry

Eversince, the PG course in Chemistry was started in the year 1970; it has been running under graduate, post graduate and Ph.D. programme in chemistry. Over the years, its development has been so spectacular that in the last five years it has produced around 350 M.Sc., more than 50 Ph.D. students and published more than 250 research papers in the peer reviewed National and International journals of good repute. Department has developed a 'State-of-Art' facility for teaching and research as evidenced by the instrumental facility such as the CHNS elemental analyzer, FTIR, HPLC,

HPTLC, GC, UV-VIS Spectrophotometers, Gouy balance, TGA, MW synthesizer etc. (very soon, a 400 MHz NMR facility will be available in the Department from the DST grant awarded to the University for the promotion of Basic Science Research under its CURIE [Consolidation of University Research for Innovation and Excellence in Women's University] programme). The Department has been presently pursuing its research work on various subjects related to "synthesis of heterocyclic compounds of medicinal interest with special reference to compounds useful as anticancer and anti-HIV agents obtainable by exploring the potential of 'privileged heterocyclic structures', extraction, isolation, characterization and pharmacological evaluation of active constituents from natural sources, synthesis, characterization and application of metal oxide nanoparticles and their core-shell nanocomposites in the purification of polluted water contaminated with various organic and inorganic toxicants, role of nanocatalysts in organic synthesis, study on plant based corrosion inhibitors and application of Domino and multi-component based one pot reactions in organic synthesis".

Pharmacy

Since its inception in 2008, department of pharmacy has taken a great leap in the field of research and in a just few years it has been able to publish 225 research papers in reputed journals having high impact factor, along with bringing out 35 books with nationally and internationally reputed publishers. Department offers Ph.D., M. Pharm. (Pharmaceutical Chemistry, Pharmacology & Pharmaceutics) and B. Pharm. programmes. It is worth mentioning that apart from ultramodern that Department has for the research in Pharmacy, its Drug Discovery Research Lab (DDRL) is a big strength to the department. DDRL is one of the most used facilities of the department equipped with software like discovery studio, TSAR and many more. The DDR team comprises 15 people with diverse background like bioinformatics, medicinal chemistry and pharmacology. The DDRL lab has yielded a number of novel structurally diverse lead compounds with potent in-vitro activity against many targets like PDE, urotensin receptor, DHFR, malaria etc. In fact the department has developed a complete in-silico HTS programme with sufficient emphasis on experimental validation of the identified hits. It has highly qualified faculty members experienced in a wide area of pharmaceutical research; whose unstinted efforts in career building of the students have inspired them to reach to the newer heights of excellence in their academic pursuits.

About The Conference

The core vision of the conference is to provide an excellent forum and interactive platform for exchange of ideas and views with participating members on the emerging trends and challenges in research in the field of chemical and pharmaceutical sciences. Its objective is to abreast the emerging scientists with the latest developments of this field by providing an opportunity to them to enrich their vision in research by undertaking the stock of the present status of research and to gather future research ideas and directions towards the quality research. Its broad aim is to groom the young scientists mind to face the challenges of future for effective and efficient professional responsibilities.

The papers are invited in the following thurst areas :-

- Synthetic Organic & Medicinal Chemistry
- Natural Product Chemistry
- Environmental Chemistry
- Green Chemistry
- Water & Energy
- Nanotechnology & Material Science
- Catalysis
- Electroanalytical Chemistry
- Coordination Chemistry
- Computer Aided Drug Design
- Preclinical & Clinical Studies
- Toxicology
- Herbal Drug Technology
- Drug Delivery & Technology
- Bioanalytical & Analytical Techniques
- Virtual High Throughput Screening for early Drug Discovery
- Pharmacokinetic & Metabolic Study

Separate
certificate will be
given to the best
paper
presentations



BANASTHALI UNIVERSITY



National Conference on
**Emerging Trends in
Chemical & Pharmaceutical Sciences**
March 12-13, 2015

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9. Accommodation required Yes/No (AC/ Non AC)

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