Department of Pharmacognosy and Phytochemistry

The Department of Pharmacognosy and Phytochemistry is the oldest department of faculty of Pharmacy in which M. Pharm was started in 1982 with 10 seats. Currently 31st batch is pursuing its post-graduation at the department. In last five years the department has completed more than 5 crores of research projects sponsored from different govt and private funding agencies such as DST, DBT, ICMR, DRDO, UGC, AYUSH (CCRUM & CCRAS), Dabur, AICTE etc. Projects costing more than 3 crore are still under progress including DST FIST and UGC SAP grants. Department is running M. Pharm courses in Pharmacognosy and Phytochemistry as well as in Pharmaceutical Biotechnology. Currently, it consists of six faculty members who are running their separate research laboratories from the cost of different EMR projects for their specific areas of research. There are approximately 30 PhD scholars working in department and all of them are supported by fellowships from different sources.

In last five years department produced >250 research papers in SCI indexed reputed journals and currently engaged in good research programs such as: Metabolomics; Quality control of plant drugs, botanicals and their formulations; chromatographic/ spectroscopic fingerprinting and quantification of metabolites to ensure identity, determination of metabolic and genetic diversity among important plant drugs to ensure their bioactivity; isolation and characterization of phytopharmaceuticals; in vitro production of pharmaceuticals using plant tissue culture and or fermentation technology; biological screening of standardized extracts for their anti-cancer, anti-HIV, cardioprotective, anti-urilithiatic, hepatoprotective, anti-diabetic, anti-thrombocytopenic, wound healing and immunomodulatory activity.

Major Sponsors

UGC-SAP SPONSORED SECOND NATIONAL SEMINAR On
REGULATORY AND QUALITY ASPECTS OF HERBAL DRUGS AND BOTANICALS
February 01, 2014, Convention Center, Hamdard University, New Delhi-62

Organized by
DEPARTMENT OF PHARMACOGNOSY & PHYTOCHEMISTRY
FACULTY OF PHARMACY, JAMIA HAMDARD
Hamdard University

Jamia Hamdard (Deemed University) was set up by Janaab Hakeem Abdul Hameed Sahib in 1989, by amalgamating various institutions established by him in 1962. Since then Jamia Hamdard has made rapid strides in the field of higher education by providing quality education at affordable cost and evolved as an institution of excellence in emerging areas of herbal, pharmaceutical, biological, computer, management, Islamic studies, nursing and health sciences. The Jamia Hamdard has been accredited twice by the National Assessment and Accreditation Council (NAAC) in ‘A’ grade and recognized by UGC, AICTE and PCI.

Faculty of Pharmacy

Hamdard College of Pharmacy was established in 1972 with Diploma course affiliated to the Delhi Board of Technical Education followed by B.Pharm. (1973), M. Pharm. and Ph. D. (1982) started under Delhi University. Further, it became Faculty of Pharmacy under Jamia Hamdard (1989) and highest seat of learning in the field of Pharmaceutical Sciences. Faculty of Pharmacy is among top 20 schools of Pharmacy and Pharmaceutical Sciences of the world(SCOPUS.11/13). It has 16 well equipped state of art research laboratories having NMR, UPLC/MS/MS, GC/MS, SFE(03), HPLC(04), HPTLC (03), Flash chromatography, AFM, Zeta sizer etc as major equipments; library; central instrumentation lab; 18 - UG and PG labs with 08 lecture halls; 3 seminar halls and one auditorium etc. Faculty of Pharmacy is composed of four core pharmacy departments running M. Pharm. program in eight branches with total student capacity of 766 (166 in M Pharm and 600 in UG) excluding PhD scholars.

OBJECTIVES

The objectives of this seminar is to explore, review and discuss the current research topics in pharmacognosy and phytochemistry, botanicals, herbal products, traditional formulations and other bioactive natural products. The main topic covered in this conference will include:

- Authentication of genuinity of natural product and assurance of its quality
- Establishment of safety, efficacy, and quality of botanicals/ herbal drugs and formulotions using modern analytical techniques
- Screening of bioactivity and toxicoxology of natural products/ botanicals/standardized extracts 
- Regulatory Aspects of herbal drugs and botanicals for Safety Assessments

The session speakers are leading researchers from herbal industries, and government. The wonderful opportunity for exchange of knowledge among the government and industry representatives, speakers, delegates and students on important scientific issues of herbal drugs and botanicals will be the hallmark of this event.

PROGRAM SCHEDULE

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08.00 to 09.30</td>
<td>Registration</td>
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<tr>
<td>09.30 to 11.00</td>
<td>Inauguration</td>
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<tr>
<td>11.00 to 11.30</td>
<td>Tea Break</td>
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<tr>
<td>11.30 to 12.15</td>
<td>Technical session-I</td>
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<tr>
<td>12.15 to 13.00</td>
<td>Plenary Lecture-I</td>
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<tr>
<td>13.00 to 14.00</td>
<td>Lunch</td>
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<tr>
<td>14.00 to 14.45</td>
<td>Plenary Lecture-III</td>
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<tr>
<td>14.45 to 15.30</td>
<td>Plenary Lecture-IV</td>
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<tr>
<td>15.30 to 16.30</td>
<td>Technical session-3</td>
</tr>
<tr>
<td>16.30 to 17.00</td>
<td>Valedictory Function</td>
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Registration will be held at 08.00 at the Seminar Hall. Inauguration will be held at 09.30 am. Tea break will be held at 11.00 am. Technical session-I will be held from 11.30 am to 12.15 pm. Plenary Lecture-I will be held from 12.15 pm to 13.00 pm. Lunch will be held from 13.00 pm to 14.00 pm. Plenary Lecture-III will be held from 14.00 pm to 14.45 pm. Plenary Lecture-IV will be held from 14.45 pm to 15.30 pm. Technical session-3 will be held from 15.30 pm to 16.30 pm. Valedictory Function will be held from 16.30 pm to 17.00 pm.

CALL FOR ABSTRACTS & SUBMISSION GUIDELINES:

All the delegates are invited for scientific poster presentation and abstract for the same can be submitted on or before 10th January 2014 by E-mail at bnphamdard@gmail.com in MS word:

1. The abstract must be written in English, should be brief and concise and not exceeding 300 words.
2. Use 12 point Arial Narrow font, justified alignment and single line spacing for the entire text.
3. The title should be short and informative, with a maximum length of two lines. It should be written in bold letters. Leave a blank line between the title and the author(s) name(s).
4. The author(s) name(s) should be written in italics, underline name of the presenting author. Do not leave blank line between the author(s) and the name(s) of the institution(s).
5. The abstract should be as substantial and concise as possible: aim, method, results and conclusion should be presented. 3-5 key words should also be provided.

Each abstract should also be sent in hard copy along with registration documents without which it will not be entertained.

The acceptance letter will be sent by E-mail for only accepted abstracts before 12th January 2014 after evaluation from panel of experts blindly.

The abstracts will not be included in abstract book if registration fee is not paid up to 20th January 2014.

The poster size should not exceed 120 x 90 cm and readable from 1.5 meters. It must be displayed before 11:30 am in presentation Hall on the day of Seminar.

Seminar proceeding will be published in Journal of Pharmacy and BioAllied Sciences (PubMed indexed journal) as a special issue dedicated to the “Regulatory and Quality Aspects of Herbal Drugs and Botanicals” for selected papers.

All the authors who wish to consider their manuscript for proceeding must mark in registration form and submit the full length papers as per Journal of Pharmacy and BioAllied Sciences author guidelines (http://www.jpbsonline.org/contributors.asp) in CD and hard copy during the seminar.