

# National Seminar on Biomedical Engineering, Food & Fermentation Technology March 28, 2017 (Tuesday)



## ABOUT JAMIA HAMDARD

Jamia Hamdard is a Deemed University located in National Capital, Delhi and is registered under the Societies Registration Act XXI of 1860 vide registration No. S/19910 of 1989 registered on 26th day of April 1989. Over a period of last twenty seven years, Jamia Hamdard has emerged as an outstanding institution of higher learning with distinct and focused academic programmes. Jamia Hamdard offers Graduate programme in Food Technology, Pharmacy, Information Technology and Computer Applications; and Post-graduate and Ph.D. programmes in Food Technology, Pharmacy, Information Technology, Computer Applications, Business Management, Physiotherapy and Occupational Therapy, for which advanced facilities are available. Jamia Hamdard is a NAAC 'A' Grade Deemed University and was ranked No. 18 University in the country by NIRF India Ranking in 2016.

## ABOUT THE DEPARTMENT OF FOOD TECHNOLOGY

The Department of Food Technology was established in the year 2008 for imparting education in the area of food processing and technology. The Department is currently offering B.Tech. & M.Tech. in Food Technology and PhD in Food & Fermentation Technology. The Food Technology program at Jamia Hamdard aims at producing professionally competent, proficient and highly skilled personnel in the field of food technology, with a knowledge of various aspects of food science and technology including the quality of raw material, packaging standards and methodology, health and hygiene parameters, processing techniques, storage and food value and educate them on the methodologies for extracting useful by products. Jamia Hamdard is the first among the universities in Delhi to introduce the M.Tech & B.Tech Food Technology programmes in pursuit of the increasing concern for food regarding security, sustainability, production, safety, processing etc.

## ABOUT THE NATIONAL SEMINAR

"By 2050 the world population is expected to increase 40 percent and the demand for food will double." Innovative food processing technologies such as High Pressure Processing, High Pressure Thermal Sterilization, Radiofrequency, Ultrasound, Ultraviolet, and Pulsed Electric Fields Processing etc. are the only suitable options for sustainable food security. This will not only help for food protection, but will also help us to increase our export potential. The economic status of producers will also improve resulting in an inclusive growth. We need innovative technologies suitable to India's conditions and newer ventures in food industries to process and preserve the food. It will also create awareness amongst stake holders on the values and qualities of available technologies as well as on the benefits of innovative technologies for processing, preservation and value addition of foods are essential for effectively managing our foods and for reducing post-harvest losses. The advancement in the polymeric materials for biomedical applications over the past century has been largely due to the ongoing innovations in medical science and technology so as to provide the best medical facilities to the patients. It is, therefore, very important to have a close interaction of material scientists, biologists, pharmacologists and medical practitioners, so that a well defined goal and direction may be pursued towards the healthcare scenario for the world community. Department of Food Technology, Jamia Hamdard and Society for Biomaterials and Artificial Organs India - Delhi are jointly organizing the National seminar and under the auspices of Asian Polymer Association (APA). The National Seminar on "Biomedical Engineering, Food & Fermentation Technology" will provide a national forum to academicians, scientists, researchers, small entrepreneurs and industries, to discuss critical issues concern to advanced and innovative techniques in food processing and biomedical engineering. The seminar will also provide opportunities for networking and collaboration amongst researcher and industries.

## THEME

- # Innovations in Food Processing and Packaging
- # Food Quality, Safety & Hygiene
- # Functional Foods and Nutraceuticals
- # Advances in Nutrition and Health
- # Bioprocess & Fermentation Technology
- # Engineering Aspects of Food
- # Biotechnological Applications in Nutraceuticals and Pharmaceuticals
- # Biomaterials and allied aspects
- # Tissue Engineering
- # Wound Care Systems
- # Drug Delivery Systems
- # Antimicrobial Chemistry & Infection Control
- # Biodesign and biodiagnostics

## IMPORTANT DATES

Abstract submission Deadline : 23<sup>rd</sup> March 2017  
Abstract acceptance communication to authors : 24<sup>th</sup> March 2017

## THE VENUE

Hall No. 1, Hamdard Convention Centre, Jamia Hamdard

## ABSTRACT SUBMISSION

The participants may submit abstract(s) (maximum 300 words) based on research work typed in MS-Word, Times New Roman Font, 12 font size with 1.5 spacing on A4 size paper. The names of the presenting author of the author should be underlined. The title of the abstract should be bold & font size 14 and authors affiliation in font size 10. Soft copy should be sent to [beff2017@gmail.com](mailto:beff2017@gmail.com) up to 23<sup>rd</sup> March 2017.

## POSTER PRESENTATION

Original research work on any field of Food Science/Technology, Biomedical Engineering and allied areas can be presented by the participants. Best posters will be awarded.

## REGISTRATION FEE

All the participants are required to get registered by paying the following fee, in Cash/DD in favor of Jamia Hamdard, New Delhi

# Student	Rs. 300
# Faculty Members	Rs. 500
# Companies	Rs. 1000

## PROGRAM SCHEDULE

8:30 am - 9:30 am	Registration	11:00 am - 13:00 pm	Invited talks
9:30 am - 10:10 am	Inaugural session	13:00 pm - 14:00 pm	Lunch Break
10:10 am - 10:40 am	Plenary session	14:00 pm - 15:30 pm	Poster Presentation/Society Meeting
10:40 am - 11:00 am	Tea Break	15:30 pm - 16:15 pm	Valedictory session

**PATRON**

Prof. (Dr.) Seyed Ehtesham Hasnain  
Vice Chancellor  
Jamia Hamdard - New Delhi

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Jamia Hamdard- New Delhi

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IIT- New Delhi

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