





## About Tezpur University and Department of Food Engineering and Technology

Tezpur University was established by an Act of Parliament in 1994. The objects of this Central University as envisaged in the statutes are that it shall strive to offer employment oriented and interdisciplinary courses to meet the regional to national aspirations and the development of the state of Assam and also offer courses and promote research in areas which are of special and direct relevance to the region and in the emerging areas in Science and Technology.

The Department of Food Engineering and Technology at Tezpur University is one of the six constituent departments under the School of Engineering. The main objective of the department is to create trained and skilled human resources to cater to the needs of the rapidly growing food processing sector. The department is currently offering B. Tech., Integrated M. Tech., M. Tech. and Ph. D. programmes. The main objectives of the scientific research and development works of the department are to contribute to the national food industry, its engineering and technology development.

## About IPFP: IEBS 2015

From time immemorial processing of foods have been taking place in some form or the other e.g., pickling of vegetables with salt or oil, sun drying of vegetables and fruits, brining etc. to preserve the food for using it during scarcity. Today, the world has become fast paced and time has become extremely precious. These along with growing population, rising income, and changing life styles increased the demand for processed foods. While processed foods have many advantages, they do come with certain disadvantages, as consumers believe that processing of food deprives it of its major nutritive properties, making the product less nutritious. Consumers have become more aware

and are developing preferences related to ethical, environmental and other social concerns. Their expectations with respect to safety, nutritional value, quality (including taste) and price have increased. The food processing industry in recent years has faced multiple challenges of expanding markets, increasing competition, and controlling known and newly emerging food borne pathogens. The increasing costs of resources and waste disposal are also a matter of concern for the food industries. To cope with these changes, food processors are increasingly searching for better ways to achieve flexible manufacturing, automation, good practices, hygiene, safety, quality and lowered production costs. Innovation is needed in food processing for competitive and sustainable advantages and new market share. Innovations in food processing can only be achieved when biological and engineering sciences will come together, which were earlier thought to be distinct and contradictory. Therefore, this seminar will provide a platform to the participants to present their work on the advances in the field of innovative food processing and preservation techniques and cover a wide range of topics both from biological and engineering sciences, which will help the participants expand and update their knowledge.

## Themes

- Innovative and emerging food processing technology
- Health, functional and nutraceutical foods
- Food process modeling and simulation
- Applied biotechnology for food
- Waste and energy management in food processing
- Food quality and safety
- Mechanization and automation in food processing sector
- Traditional foods
- Food packaging

## Call for Papers/Poster Presentation

Interested authors are requested to submit abstracts of maximum 250 words on original research work relevant to the themes for oral/ poster presentation via email not later than **23<sup>rd</sup> February, 2015**. The abstract should state clearly the objectives, results and conclusions of the work carried out. Details are available at [www.tezu.ernet.in](http://www.tezu.ernet.in)

## Proceedings

Full length papers and keynote papers, prepared as per the format and accepted for oral presentation, will be published in the conference proceedings.

For the papers accepted for poster presentation, only abstract will be published in the conference proceedings.

## Registration Fee

Interested member(s) may send their registration form along with registration fee by 10.03.2015.

<b>Students</b>	<b>: Rs. 500/-</b>
<b>Research scholars, project fellow, etc.</b>	<b>: Rs. 800/-</b>
<b>Person from research and academia</b>	<b>: Rs. 1000/-</b>
<b>Person from industry</b>	<b>: Rs. 2000/-</b>

**Payment:** Participant must pay the registration fee in the form of DD in favour of Registrar, Tezpur University payable at SBI, Tezpur or by online bank transfer. The details of the bank account is given below:

**Account Holder:** Tezpur University  
**Account Name:** MS ENDOWMENT FUND  
**Name of Bank and Branch:** SBI, Main Branch, Tezpur  
**Account No.:** 10501585452  
**IFS Code:** SBIN0000195

## Important Dates

<b>Last date for receipt of abstract</b>	<b>23.02.2015</b>
<b>Intimation of acceptance by e-mail</b>	<b>01.03.2015</b>
<b>Full paper submission</b>	<b>07.03.2015</b>
<b>Last date of registration (online)</b>	<b>10.03.2015</b>

## Workshop

Lecture cum workshop session will be organized on the first day of the seminar.