

**GOVERNMENT OF INDIA
FOOD PROCESSING INDUSTRIES
LOK SABHA**

UNSTARRED QUESTION NO:3128
ANSWERED ON:13.12.2011
R & D ACTIVITIES IN FOOD PROCESSING
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Will the Minister of FOOD PROCESSING INDUSTRIES be pleased to state:

- (a) whether sufficient steps have been taken to promote research and development activities in the field of food processing;
- (b) if so, the details of the steps taken during the last three years;
- (c) whether the Government is providing any investment related incentives on the expenditure incurred by the companies on research and development within the company;
- (d) if so, the details thereof;
- (e) the details of the technologies developed indigenously to enhance the production in a beneficial manner and to improve the quality of the products during the said period; and
- (f) the other steps being taken by the Government in this regard?

Answer

THE MINISTER OF STATE FOR FOOD PROCESSING INDUSTRIES (Dr. CHARAN DAS MAHANT)

(a): Yes, Madam.

(b): During the last three years including the current year, 35 proposals were assisted for grants-in-aid.

(c) & (d): Union Budget of 2010-11 has provided for weighted deduction on expenditure incurred on in-house R& D from 150% to 200%. to encourage R& D across all sectors of the economy. Further, weighted deduction on payments made to National Laboratories, Research Associations, Colleges, Universities and other institutions for scientific research was enhanced from 125% to 175%. This has been further enhanced to 200% in the Union Budget 2011-12.

(e): The R&D organizations which have received grant-in-aid from this Ministry have developed technologies related to food processing sector as below:-

(i) "Development of Soybean/Rice bran based Nutraceuticals" of Ganesh Scientific Research Foundation, New Delhi

(ii) "Packaging of Jeera Puris and Banana Chips" by Indian Institute of Packaging, Mumbai

(iii) "Enhancing the shelf life of Banana diffusion channel" of Tamil Nadu Agricultural University, Agricultural Engineering College and Research Institute, Post Harvest Technology Centre, Coimbatore

(iv) "Preservation of selected vegetable and fruits by (a) Improving quality and shelf life of minimally processed products and (b) Development of new range of Dehydrated products having superior dehydration and keeping qualities "of Karunya University Coimbatore

(v) "Development of Block and Real Time PCR kits for multi-pathogen detection for application in Dairy Industry" of National Dairy Research Institute, Karnal

(vi) "Enzyme Mediated Food Processing" of Delhi University

(vii) "Microwave assisted hot air and vacuum drying of fruits and spices" of IIT, Kharagpur. The above technologies are available with the concerned R&D organizations for use by industry/stake holders.

(f): Ministry of Food Processing Industries undertakes awareness generation activities to boost R&D activities in the sector. One such activity in the form of National Workshop on " New Perspectives in Research and Development in Food Processing Sector was done on 29th June,2011 in Delhi and "Technology for Value Creation" was held on 17th November,2011 at Mumbai with the help of Federation of Indian Chambers of Commerce and Industry (FICCI). In order to promote R&D activities wide publicity is also done at regular intervals in the leading newspapers. Recently an advertisement was given on 26.10.2011 for inviting applications for R&D in

Food Processing Sector.