T.A. AND ACCOMMODATION

Expenses on lodging and boarding arrangements for selected participants will be borne by the organizer. TA to the participants from SAU’s and other ICAR institutions will be paid as per their entitlement for the class of travel restricted to the maximum of AC II Tier fare by the shortest route. Participants are required to produce the original and photocopies of tickets in support of their claim. (Air travel is not permitted. Organizers will not make any arrangement for spouse and other accompanying persons).

HOW TO APPLY

As per the ICAR instructions, the interested candidates should register and apply online through ‘Capacity Building Programme’ (CBP) portal as follows:
1. Visit the website http://www.iasri.res.in/cbp/
2. Login using your user ID and Password. To create user ID use “Create New Account” link.
3. After login, click on “Participate in Training” link and fill the Performa.

Take a printout and send duly signed copy through proper channel to the Course Director of CAFT by post.

The last date for receiving the nomination is 28th August, 2016. The advance scanned copy of the nomination may be sent by email. In case total number of participants exceeds 25; preference will be given on first come first serve basis.

Note: The candidates will be notified about the selection latest by 31st August, 2016. For any query please contact Course Director and Co-Directors of the training program.

ADDRESS FOR CORRESPONDENCE

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CAFT DIRECTOR

Dr. Latha Sabikhi
Head, Dairy Technology Division

COURSE DIRECTOR

Dr. Ashish Kumar Singh
Principal Scientist, Dairy Technology Division

COURSE CO-DIRECTORS

Dr. Neelam Upadhyay &
Mr. Sanket Borad
Scientist, Dairy Technology Division

For Updates Visit

VENUE

Dairy Technology Division
ICAR-National Dairy Research Institute
Karnal (Haryana) – 132001

IMPORTANT DATES

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Sponsored By
Indian Council of Agricultural Research

Organized By
Centre of Advanced Faculty Training in Dairy Processing
ICAR-National Dairy Research Institute
(Deemed University)
Karnal – 132001 (Haryana) India

National Training Programme
on
R & D strategies and interventions for effective agribusiness and entrepreneurship development in dairy and food sector

(16th September 2016 to 06th October, 2016)
ABOUT THE COURSE

India has achieved the distinction of becoming the world’s largest milk producing nation with an impressive figure of around 142MT. However, we are still lagging behind in adoption of scientific information and technologies generated in the field of Dairy production, processing and management. Majority of dairy sector lies in the domain of unorganized sector and its transformation into organized one desire major emphasis on adoption of novel and advanced technical know-how by the stakeholders. Indian dairy sector is growing at a very rapid pace and there is growing interest among farmers, rural youths and entrepreneurs to venture into milk processing. The course aims at the dissemination of the scientific developments and emerging concepts in milk and milk product processing, technological packages for novel dairy foods, vis-à-vis dairy food safety issues and validation of developed technologies for commercialization. Current government initiatives could further add in achieving the goals of entrepreneurship development in dairy sector. Another important objective is to provide knowledge to participants regarding the technology management, commercialization avenues and protection of IPR’s. Eminent experts from academia, industry, policy formulating organizations and active practitioners will deliver lectures and conduct practical sessions. Participants will also be involved in exercises and group activities to enhance their learning and understanding of the course.

COURSE CONTENTS

The present course curriculum has been designed to include the different aspects, strategies and interventions that are needed for effective and efficient agribusiness entrepreneurship development in dairy and food sectors. Diversification of products with special emphasis on commercial significance will be discussed in details through interactive lectures and Hands-on-practical sessions by the eminent experts.

TOPICS TO BE COVERED

- Novel starters for functional dairy products
- Technological advances in Probiotic dairy products
- Techno-functional advances in cheeses
- Cheese a promising dairy product for better economic returns
- Technological challenges and design aspects of mineral and vitamin fortified milks
- Designing aspects of novel dairy beverages
- Technological aspects Low fat analogues
- Preparation and evaluation of DVS starter cultures
- Designing of herb based traditional dairy products
- Technological Innovations in functional Indian Dairy Products
- Alternative processing technologies for dairy industry
- Application of membrane processing for production of innovative dairy ingredients
- Technological advances in manufacture of low calorie dairy foods
- Processing and Preservation of Colostrum
- Novel detection methods to determine milk quality
- Artificial sweeteners for milk products
- Advances in packaging technology
- New product development, technology/product life cycle
- On-farm processing of high value dairy products.

TECHNOLOGY MANAGEMENT

- Science and innovation policy issues
- Legal framework for IP protection
- Patent search and Practical Sessions on Patent filing

- Road map for technology, commercialization and marketing
- Technology transfer models
- Valuation and costing of technologies
- Consultancy Management and other Professional Service Functions of ICAR
- Business incubation and startups
- Techno entrepreneurship in milk processing
- Marketing strategies for new food products
- Role of women in Dairy Processing and Women empowerment
- Designing of a small (2000 LPD) and medium (10,000 LPD) scale dairy plant
- Technology communication to the industry and negotiating with stake holders
- Funding sources for startups in dairy industry
- Cold chain – Importance, Economy and Govt. Schemes
- Preparation of project for the successful winning of loan/grant

OTHERS

- Interaction with ingredient manufacturers
- Interaction with Dairy Equipment Manufacturers & Suppliers
- Visit to Self Help Groups
- Success story of Successful entrepreneurs
- Introduction to concepts of proteomics, nutrigenomics and metabolomics

ELIGIBILITY

The training is open for faculty of SAU’s, ICAR Institutes and Central Universities with Master’s Degree in Agriculture Technology and allied disciplines and working knowledge of computers, employed in the cadre not below the rank of Scientist/ Assistant Professor or equivalent. Preference will be given to faculty engaged in dairy and food technology.