

REGISTRATION FORM

(Please Fill in Block Letters)

I am interested to participate in the above training.

Name.....

Designation.....Age.....

Male/Female.....

Qualification.....

Address.....

..... Pin code.....

Phone No.....Mobile No.....

Email.....Fax No.....

Present occupation

Dated.....Signature.....

Last date of applying for training is March 10, 2018

Please send duly filled scanned copies of Registration Form and Demand Draft in should be in favour of “**Director IARI, New Delhi**” on

Email: impactztm@gmail.com and ztmbpdmarketing@gmail.com and

send their hard copies to Dr. Neeru Bhooshan, Course Co-ordinator, Zonal Technology Management & Business Planning and Development Unit, IARI, New Delhi-110012, up to March 10, 2018.

For further information please contact

Dr. Chetan, Ms. Diksha Sharma, Ms. Swarna Srivastava & Ms. Dakshita
ZONAL TECHNOLOGY MANAGEMENT & BUSINESS PLANNING AND
DEVELOPMENT UNIT

मंडलीय प्रौद्योगिकी प्रबंधन एवं व्यवसाय आयोजन और विकास इकाई

Indian Agricultural Research Institute, New Delhi – 110012

भा. कृ. अ. प. - भारतीय कृषि अनुसंधान संस्थान, नई दिल्ली – ११००१२

दूरभाष +९१ ११ २५८४३५४२, २५८४३५५३, ईमेल- impactztm@gmail.com

Telephone +91 11 25843542, 25843553, Email- impactztm@gmail.com

Agripreneurship Development Programme

on

“**Statistical Modelling in Agriculture with reference to
Data Mining Techniques**”

(19th March to 24th March, 2018)



ZONAL TECHNOLOGY MANAGEMENT &
BUSINESS PLANNING AND
DEVELOPMENT UNIT

&
AGRICULTURAL KNOWLEDGE
MANAGEMENT UNIT
ICAR-IARI, New Delhi-110012



ABOUT IARI AND ZTM & BPD UNIT

The journey of Indian Agricultural Research Institute (IARI), popularly known as Pusa Institute, began in 1905 at Pusa (Bihar) with the generous grant of 30,000 pounds from an American philanthropist, Mr. Henry Phipps. The institute was then known as



Agricultural Research Institute (ARI) which functioned with five departments, namely Agriculture, Cattle Breeding, Chemistry, Economic Botany and Mycology. Bacteriology unit was added in 1907. The name of ARI was changed to Imperial Institute of Agricultural Research in 1911 and, in 1919 it was renamed as Imperial Agricultural Research Institute. Following a devastating earth quake on 15th January 1934, the institute was shifted to Delhi on 29th July 1936. Post-independence, the institute has been renamed as Indian Agricultural Research Institute (IARI).

The Zonal Technology Management and Business Promotion Development (ZTM-BPD) Unit is the one-stop show window of ICAR-IARI to connect public sector agri-technologies to the corporate world and medium and small enterprises (MSMEs) in a business mode giving due importance to the intellectual property management, commercialization and incubation. The aim is to encourage, protect, market and license the technologies developed by agricultural scientists to the industry with a focus on incubation process including Start-Ups and Farmer Producer Organizations (FPO).

OBJECTIVE OF TRAINING

The course will be helpful in identifying the gaps and needs in the field of Forecasting techniques and modeling especially uses of data mining technique in Agriculture. The course will provide overview of the various statistical tools useful for statistical modeling for forecasting crops and computer softwares. The topics range from Weather based pre-harvest crop forecasting, Markov chain model, Non-linear growth Models, Artificial Neural Network, Fuzzy Regression, Linear and Non-linear Time Series Modeling, Forewarning of pests & diseases & crop losses, etc.

PROGRAMME HIGHLIGHTS

- ✓ Statistical Software – An Overview
- ✓ Weather based Preharvest Crop Forecasting
- ✓ Linear Time Series Modeling
- ✓ Logistic Regression
- ✓ Introduction to Data Mining
- ✓ Forecasting based on Markov chain model
- ✓ Artificial Neural Network
- ✓ Non-linear Times Series Modeling
- ✓ Web-based Application Development
- ✓ Text Mining
- ✓ Mobile Application
- ✓ Bioinformatics – An Overview
- ✓ Fuzzy Regression

OUTCOMES OF TRAINING

Capacity building in the area of data mining techniques

WHO CAN PARTICIPATE?

Agri-preneurs, Farmers, Students, Researcher,
Personnel of Academic Institutes, State Departments and NGO's

REGISTRATION FEE

Rs. 6000/- (including GST)

PAYMENT MODE:

Demand Draft drawn in favour of “Director, IARI”, payable at New Delhi/
Online payment

Course Director: Dr. Amrender Kumar, PS (Agril, Statistics), AKMU, ICAR-IARI, New Delhi.

Course Coordinator: Dr. Neeru Bhooshan, Incharge & PS, ZTM & BPD Unit, ICAR-IARI, New Delhi