



**DEPARTMENT OF BIOCHEMISTRY
B. A. COLLEGE OF AGRICULTURE
ANAND AGRICULTURAL UNIVERSITY
ANAND-388110**



Dr. Jayant.G. Talati
Research Scientist and Head
Department of Biochemistry

Dated Nov. 1, 2017

Dear all

Subject: Short Training course on “ Techniques for Estimation of Nutraceutical Properties from Crops” at Anand, January 16-25, 2018 (Rescheduled Programme).....

Sir/Madam,

Department of Biochemistry, B. A. College of Agriculture, Anand is organizing an ICAR sponsored 10 days short training course on the above-cited subject from January 16-25, 2018. This training programme is specially designed for scientists and researchers involved in Research and Development. The main aim of this Short course is to provide an advanced methods and technologies in the analysis of nutraceutical compound of crops which generate reliable nutritional benefits of food commodity. Teachers and young scientist learn the recent techniques use in biochemistry and molecular biology in a highly methodical way to improve crops for their qualitative and quantitative traits. This information may kindly be widely circulated among scientists, Assistant/Associate professors. It is requested to kindly nominate one or two interested scientist, Sr. Scientists, Assistant professors, Associate professors or equivalent rank working in your reputed organization for the said training course. The details regarding format and contents of the short training, eligibility requirements and mode of application, contact details of the Course Director etc. are furnished in the brochure appended. The forwarded application should be uploaded in the CBP Portal (<http://iasri.res.in/cbp>) and the same hard copy needs to be sent to the Course Director.

The application date is up to **16th December, 2017**.

Thanking you

Yours sincerely

(J. G. Talati)
Course Director

CONTACT

Dr. J.G. Talati

Course Director
Research Scientist & Head
Department of Biochemistry,
B.A.College of Agriculture,
Anand Agricultural University,
ANAND – 388 110.
E-mail : jgtalati007@gmail.com
Mobile : 09426386681

Dr. N.J. Patel

Course Coordinator
Associate Professor
Department of Biochemistry,
B.A.College of Agriculture,
Anand Agricultural University,
ANAND – 388 110.
E-mail : njpatel1967@gmail.com
Mobile : 09724325077

Dr. Akrash Parihar

Course Coordinator
Associate Professor
Department of Agricultural Biotechnology,
Anand Agricultural University,
ANAND – 388 110.
E-mail : akarsh@aau.in
Mobile : 09879442267

Last date for the submission of application is 16th Dec., 2017.

Application form can be downloaded from the CBP portal of ICAR or from IARI website (<http://www.iari.res.in>)

APPLICATION PROFORMA

16th January – 25th January, 2018

1. Full Name :
(in Block Letter)
2. Designation.....
3. Date of Birth :
4. Sex : Male/Female.....
5. Basic pay as on 31.07.2017.....
6. Present employer & address.....
.....
7. Correspondence Address
.....
Phone Nos. Off/Res./Mobile
E-mail :
8. Academic qualification with discipline and year : M.Sc. / Ph.D.
9. Major area of specialization:
.....
10. Professional Experience (Year)
11. a) Paper published in journals (Nos.)
b) Title of the project associated with
12. State how this training is going to be useful to you
13. Mention if you have participated in Summer / Winter School/Training Course under ICAR/other organization
14. Signature of the application
15. Signature and address of the forwarding authority



ICAR Sponsored
Training programme

Techniques for Estimation of Nutraceutical Properties from Crops

Rescheduled Programme
16th January – 25th January, 2018

Last date for application
16th Dec., 2017



Department of Biochemistry
B.A. College of Agriculture
Anand Agricultural University
ANAND – 388 110

ABOUT THE INSTITUTE

Anand Agricultural University

Anand Agricultural University (AAU) was established in 2004 at Anand with the support of the Government of Gujarat, Act No. (Guj. 5 of 2004) dated April 29, 2004. Carved out of the erstwhile Gujarat Agricultural University (GAU), the dream institution of Sardar Vallabhbhai Patel and Dr. K. M. Munshi, the AAU was set up to provide support to the farming community in three facets namely education, research and extension activities in Agriculture, Horticulture, Agril. Engineering, Product Processing and Home Science. At present, there are seven Colleges, seventeen Research Centers and six Extension Education Institutes working in nine districts of Gujarat. Anand Agricultural University has secured 40th position in India and 1st in Gujarat among all Universities as per National Institutional Ranking Framework, MHRD, Govt. of India.

B. A. College of Agriculture

Established on May 15, 1947, B. A. College of Agriculture was a dream project of our great leaders Sardar Vallabhbhai Patel and Shri Kanaiyalal Munshi with a major responsibility of generating technology in agriculture and allied fields for the development of rural community. Its main mission is to meet the need of agricultural manpower for social, professional and economic development through teaching, research, practical training and extension education.

Department of Biochemistry

Department of Biochemistry was established during the VIth F.Y.P. (1977-78) in G.A.U. Under phase I of National Agricultural Research Project, Grain Quality Laboratory was established in 1983 to take up biochemical research related to grain quality. The department is mainly associated with teaching in U.G. and P.G. degree programs. It is also conducting important research for nutraceutical quality of cereals, pulses oilseeds, vegetable and fruit crops. It has ten state-of-art

function based laboratory facilities which are well equipped with necessary instruments and equipments required for conducting basic and advanced research.

INTRODUCTION

In the field of Biochemistry/Biotechnology and Food Science use of sophisticated instruments is increasing day by day. In the recent years scientists are working for yield as well as nutritional quality. Scientists are also taking experiments to reduced/eliminate the anti-nutritional compounds present in cereals, pulses, oil seeds and vegetables also. For the estimation of such compounds use of modern instruments are necessary to detect the compound at ppm and ppb level. In India many laboratories are not having facility of such instruments. Hence, scientists are not able to know the different techniques and principles of modern equipments. This type of training will provide knowledge of advanced techniques to the different universities as well as various ICAR centres. It will make them confident and competent in their future endeavours.

OBJECTIVES

The objective of this training is to give an opportunity to the teachers and young scientists working in the ICAR institutes and SAUs to learn recent techniques used in Biochemistry and Molecular biology related with researchable topics in food crops.

DURATION OF THE COURSE

The course has been planned for 10 days (16th January – 25th January, 2018). The training will comprise of lectures and practicals by experts from the AAU and also by invited experts from the premier Institutions.

VENUE

The venue of the training is the Biochemistry Department, B.A.College of Agriculture, Anand Agricultural University, Anand-388 110.

PARTICIPANT'S ELIGIBILITY

Young researchers/teachers not below the rank of Assistant Professors or equivalent from the ICAR institutes and SAUs having minimum two years experience in the disciplines of Biochemistry/ Molecular Biology/ Microbiology/ Plant Pathology/Plant Breeding and allied sciences in Agriculture are eligible. A total of 25 candidates will be selected for this training. The selection of the candidates will be made by a screening committee as per the guidelines of the ICAR.

MODE OF APPLICATION

Scientists interested in participating the CAFT course should apply through proper channel in the given proforma. The participants should submit their application online using CBP portal (<http://iasri.res.in/cbp/> or under the link Capacity Building Programm at <http://icar.org.in>). After filling the online application, take a printout of the application and get it approved by the competent authority of the organization. Upload the scanned copy of application through CBP portal. The application for participation in the training in the given format should be duly forwarded by the employer and submitted to the training along with a sum of Rs. 50/- (Fifty only) as registration fee (non-refundable) in the form of postal order drawn in favour of **Course Director** payable at **Institute of Agriculture Post Office, Anand-388110**. However, an advance hard copy of the application may be sent to the Course Director at AAU, Anand. The last date for the receipt of the application is **16th Dec., 2017**.

ACCOMMODATION AND TRAVELING ALLOWANCE

Free boarding and lodging will be provided to the participants during the training period. Travel Allowance to the participants will be paid as per their entitlement for the class of travel, restricted to the maximum of AC II tier rail fare by the shortest route. Participants are required to produce money receipt/tickets in support of their claim. The reimbursement will be made as per ICAR guidelines.