Training course on "Plant tissue culture and molecular approaches for crop improvement"

27th December 2016 to 9th January 2017

1. Name: _____
2. Designation: _____
3. Organization: _____
4. Mailing Address: _____
   Tel :Fax : E-mail: _____
5. Educational qualification _____
6. Experience _____
7. Age (below 45 years) on 30.11.16. _____
8. R&D facilities available in candidate's laboratory _____
9. Present & future research interests of the candidates' institutes / laboratory. _____
10. Names of the senior colleagues and nature of the work being done by them _____
11. Ongoing R&D projects/programmes in candidate's laboratory _____
12. Relevant publications by the candidates and their senior colleagues during last 4 years _____
13. Recommendation of the supervisor in case of research students _____
14. How the candidate proposes to make use of the training in his research programmes/projects? _____
15. Whether the candidate is an applicant for other courses or has earlier attended such courses, sponsored by DBT? _____

Signature of the applicant
Name & Designation

Recommendation of the competent Authority with signature and seal:

CHIEF PATRAON

Dr. B. Venkateswarlu
Hon. Vice- Chancellor
Vasantrao Naik Marathwada Krishi Vidyapeeth
Parbhani

PATRAONS

Dr. A.S. Dhawan
Director of Instruction & Dean, F/A,
Vasantrao Naik Marathwada Krishi Vidyapeeth
Parbhani

Dr. D.N. Gokhale
Associate Dean & Principal
College of Agriculture
Vasantrao Naik Marathwada Krishi Vidyapeeth
Parbhani

COURSE DIRECTOR

Dr. D.B. Deosarkar
Course Director &
Head, Department of Agricultural Botany
College of Agriculture
Vasantrao Naik Marathwada Krishi Vidyapeeth
Parbhani- 431 402

CO-COURSE DIRECTORS

Prof. S. V. Kalyankar
Asstt. Professor

Prof. K.M. Sharma
Asstt. Professor

Dr. J.D. Deshmukh
Asstt. Professor

Dr. A.B. Bagade
Asstt. Professor

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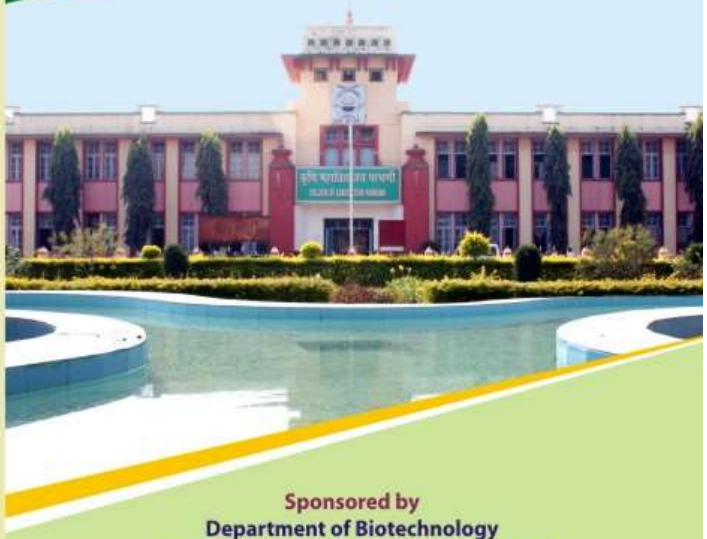

Sponsored by
Department of Biotechnology
Government of India New Delhi- 110 012

Organized by

Dr. D.B. Deosarkar
Course Director &
Head, Department of Agricultural Botany
College of Agriculture
Vasantrao Naik Marathwada Krishi Vidyapeeth
Parbhani- 431 402 (MS)

Dear Colleagues

Application in prescribed proforma are invited to participate in the Training course on" Plant tissue culture and molecular approaches for crop improvement" during 27th December 2016 to 9th January 2017 at Department of Agricultural Botany, College of Agriculture, Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani. The training course is sponsored by Department of Biotechnology, Government of India New Delhi.

About the Institute

Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani (M.S.) is one of the four Agricultural universities in the state of Maharashtra. It was established on May 18, 1972 to fulfill the regional aspirations of agrarian growth. It is entrusted with the responsibilities to provide education in Agriculture and allied fields, undertake research and facilitate technology transfer in Marathwada region of the Maharashtra state. College of Agriculture, Parbhani is one of the premier institute, established in 1956 for Research, Education and Extension in Agriculture. The Institute is putting its major efforts to keep enriching the stream of scientific knowledge, technology generation and innovative research for crop improvement.

The Department of Agricultural Botany had glorious history of research achievements from post-graduate research projects. Scented rice variety 'Parbhavati' tolerant to iron chlorosis on Vertisol and Okra variety 'Parbhani Kranti' resistant to yellow vein mosaic were released for cultivation. Fine grain scented variety of rice 'Parag' was developed by using Anther Culture technique. Dominant genetic male sterile line of safflower was developed and being utilized for development of hybrids. These are major achievements of the dedicated research work of this department.

About Training course

The main objective of the training course is to impart hands-on training in research techniques so that the participants can apply them in their research or teaching programmes. Besides demonstrating the techniques, participants should be encouraged to carry out the techniques / laboratory exercises themselves. Training course trains mid-career scientists / UG and PG teachers on the use of various advanced/modern research techniques in the areas of Biotechnology for crop improvement. It is now generally recognized that climate change will have major impact on agriculture and food security. In many parts of the country, the greatest challenge for the dry areas where crop productivity is a major concern. Biotechnological techniques are used to minimize the impact of climate change on crop yield and productivity.

Content of Training course

The training course is technique oriented and emphasis will be given on laboratory work rather than lectures. The ratio for theory and practical work in a course will be 30:70. In addition to the internal faculty, two Indian guest faculties engaged actively in the relevant research areas should be invariably involved in the training course.

Training course will include lectures from the national subject experts particularly on Plant tissue culture, Embryo rescue technique, Artificial seed, In-vitro Pollen culture, DNA isolation, PCR operation, Intellectual property right and Biosafety guidelines.

Eligibility and Selection of Participants

Mid-career scientists / UG and PG teachers holding regular positions in universities/national laboratories / research institute / in-house R&D centres, and have been sponsored by their parent institutions, should be given preference in the selection as participants. In the selection of candidates, the following aspects will be kept in view.

a) Educational qualification, research experience, age (below 45 years)
b) R&D facilities available in candidate's laboratory
c) Present and future research interests of the candidates in institutes/laboratory.
d) Names of the senior colleagues and nature of the work being done by them
e) Ongoing R&D projects/programmes in candidate's laboratory
f) Relevant publications by the candidates and their senior colleagues during last 4 years
g) Recommendation of the supervisor in case of research students
h) How the candidate proposes to make use of the training in his research programmes/projects?
i) Whether the candidate is an applicant for other courses or has earlier attended such courses, sponsored by DBT?

However, candidates research experience, R&D facilities available with their institutions and the utility of the training course in their research activates should be the main consideration for selecting the participants. The number of participants should be around 21. Selected candidates intimate their acceptance within 10 days or so, failing which waitlisted candidates should be called immediately.

The last date of submission of application is 30th November 2016. The application through proper channel should be submitted before due date to Dr. D.B. Deosarkar, Course Director & Head, Department of Agricultural Botany, College of Agriculture, Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani- 431 402 (Maharashtra State) India. One copy of approved application form should be submitted through email : dbdvnmkv@gmail.com on or before due date. (Contact No. 07588082152), Incomplete application form, not routed through proper channel and received after due date will not be considered. Participants will not be provided food and T.A/ D.A. for training course

How to reach Parbhani and weather conditions

Parbhani is situated 465 km away from state capital Mumbai. The nearest major city is Aurangabad which is 200 km away while Hyderabad is 350 km from Parbhani. It is also center place for '3' Shiv Jyotirlingas (Aundha, Parli Vaijanath and Verul) and near to Holy place Huzur Saheb Grudwara, Nanded. Parbhani is well connected by roads to other major cities of Maharashtra. The trains are available from all Zones of the country. The nearest airline conveyance is available up to Aurangabad. The weather during training course will be pleasant with temperature range of 15-25°C.

Training course
on
"Plant tissue culture and molecular approaches for crop improvement"

27th December 2016 to 9th January 2017

To, _____

_____

_____

Organized by

Dr. D.B. Deosarkar
Course Director &
Head, Department of Agricultural Botany
College of Agriculture
Vasantrao Naik Marathwada Krishi Vidyapeeth
Parbhani- 431 402