



Ramakrishna Mission Vivekananda Centenary College

Rahara, Kolkata- 700118

Autonomous College

College with potential for Excellence (CPE)

Accredited by NAAC with Grade A

ADMISSION NOTICE

Applications are invited for
Biotech Job / Self-employment oriented course with DBT Fellowship

Skill Development Program

One Year Post Graduate Diploma Course

*Programme is supported by
Department of Biotechnology (DBT)
Govt. of India*

*Certified by : Life Sciences Sector Skill
Development Council (LSSSDC). Ministry of
Skill Development and Entrepreneurship.
Govt. of India.*

ADMISSION

One Year Post Graduate Diploma in Agriculture Biotechnology on
“Quality Assurance Testing of Tissue Culture Raised Plants”

Eligibility: B.Sc. Biological Sciences/Biotechnology / Agriculture/ Horticulture and allied subjects.

- Number of Seats : 25 (Male only)
- Studentship/Scholarship : Rs. 5,000/- (per month) for All 25 students.
- Last date of Application : 18th January 2019
- Admission Test : 25th January 2019 at 12.00 noon
- Application Form available: www.rkmvccrahara.org
- Application Fee : Rs. 300.00 (Online)
- Course Fee : Rs. 2000/- (per month)
- Application submission : Online
- Further any query: mail : biswajit@rkmvccrahara.org (OR) M: 09432 11 3696

Date: 07-01-2019

Program Director
Swami Kamalasthananda
Principal, RKMVC College

Course coordinator
Dr. Biswajit Ghosh
Plant Biotechnology Div.
PG Dept. of Botany

Background

Institutional Background

Ramakrishna Mission Vivekananda Centenary College founded in 1963, is a constitutional unit of Ramakrishna Mission. The college was graded with Grade A by NAAC in 2014. The UGC conferred it the College with Potential for Excellence (CPE) status in 2017, and the status of an Autonomous College. The College is ranked in National Institutional Ranking Framework (NIRF) recognised by the MHRD, Government of India. The college organised different workshops, training programs, Outreach program for rural biotechnology & health care, Ph.D. research programme in addition with regular UG and PG courses in different Science subjects. The college houses Swami Vivekananda Research Centre for Multidisciplinary Research in Basic Sciences & Social Sciences for research. Internal Quality Assurance Cell (IQAC) unit of the college is involved for planning, guiding and monitoring the Quality Assurance (QA) and Quality Enhancement (QE) activities of the college.

Course Background

Plant tissue culture (PTC) is fundamental to most aspects of plant biotechnology. PTC has a great opportunity for the production of quality planting material which is virus free and true to type/genetically uniform (compare to their stock source) produced through micropropagation techniques. The products of plant tissue culture are being transferred rapidly from laboratories to the fields. Propagules derived from plant tissue culture exhibit several applications in horticulture, crops, and forestry. Last 30 years, most of the reputed Indian University incorporated "Plant Tissue Culture" in their syllabus in different weightage. It is a fact, such type of syllabus mainly based on 'Theory' and not 'Practical' based due to lots of reasons. One of the important unavoidable problem is 'Time factor' i.e., duration of practical classes. The result or response of PTC requires more time in comparison with microbial culture. So conventional University curriculum failed to generate professional, skilled plant tissue culturist particularly related to quality assessment of micropropagated plants.

One year post Graduate Diploma Course on Skill Development in "**Quality Assurance Testing of Tissue Culture Raised Plants**" is a full-time program supported by Department of Biotechnology, Ministry of Science & Technology, Govt. of India and certified by Life Sciences Sector Skill Development Council (LSSSDC). Ministry of Skill Development and Entrepreneurship, Govt. of India. The main purpose of the course for generation human resource of specialised skilled manpower for Plant Tissue culture industry. Such diploma course-program will provide to young people for high quality hands-on training by proper handling of different modern relevant instruments and specialised techniques for "Quality Assurance and Testing of Tissue Culture raised Plant Materials" in the area of agriculture biotechnology.

SCOPE OF EMPLOYMENT

It is fact in present Indian scenario, there are around 200 commercial tissue culture companies in India with a gross installed production capacity of about 500 million platelets per annum (Source: DBT Report).

A large number of properly trained, skilled manpower is essential for this industry as well as technical manpower for PTC research lab. Excellent prospects for self-employment as well. This course will develop skilled manpower in modern PTC industry.

COURSE DURATION: 12 Months

SELECTION PROCEDURE

Entrance test to be conducted in the RKMVC College, Rahara premises and the test paper consist of MCQ covering basic science (mainly biological) disciplines up to graduation level.

IMPORTANT DATES

Last date of receipt of application: 18th January 2019.

Date of entrance examination: 25th January 2019 at 12.00 noon

COURSE FEE

Rs. 2,000/- per month

HOW TO APPLY

The students should apply online through our College Website (www.rkmvccrahara.org).