



Ramakrishna Mission Vivekananda Centenary College

Rahara, Kolkata- 700118
Autonomous College (UGC)
College with potential for Excellence (CPE)
Accredited by NAAC with Grade A

ADMISSION NOTICE

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

ADMISSION

**One Year Post Graduate Diploma in Agriculture Biotechnology on
“Plant Tissue Culture”**

Eligibility	:	At least B.Sc. (any branch of Science/ Bio Science/ Agriculture/ Horticulture/ Biotechnology/ any Plant tissue culture interested candidates).
Number of Seats	:	25 (Male only)
Last date of Application	:	31th March 2022
Application Form available:		www.rkmvccrahara.org
Application Fee	:	Rs. 250.00 (Online)
Course Fee	:	Rs. 1000/- (per month)
Application submission	:	Online
Further any query: mail	:	biswajit@rkmvccrahara.org (OR) M: 09432 11 3696 (Whatsapp)

Institutional Background

Ramakrishna Mission Vivekananda Centenary College founded in 1963, is a constitutional unit of Ramakrishna Mission, West Bengal. 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.

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 "Plant Tissue Culture" 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: Merit basis
Last date of receipt of application: 31th March 2022
Publication of Merit List: 5th April 2022
COURSE FEE: Rs. 1,000/- per month

HOW TO APPLY

The students are asked to download the application form (pdf file) from the college website and filled it all respects. Scanned copy of the filled-up form (pdf) upload in the following link. Upload also the scanned copy of all B.Sc. marksheets (scanned in one pdf file). Upload the online payment receipt.

Form Uploading Link: <https://forms.gle/UURDJzjhUJB72jc79>

Online application link will be available from college web site : www.rkmvccrahara.org upto 31.03.2022 (upto 6 pm) and on payment of Rs. 250/- online + Bank Charges for further processing. Payment is to be made through online.

The online payment link: <https://rzp.io/l/3qj1Fsf3v>

Program Director
Swami Kamalasthananda
Principal
RKMVC College

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

Date: 07-03-2022