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In favour of **Principal, M.M. Modi College, payable at Patiala.**

Signatures

Date

Contact

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**Multani Mal Modi College
Patiala (Punjab), India**
Recognized as
College with potential for Excellence
Status conferred by UGC

Organizing Committee

Chief Patron Seth Sudarshan K. Modi

Patron Dr. Khushvinder Kumar

Co-ordinators Dr. Vinay Jain
Dr. Rajeev Sharma

Convener Dr. Ashwani Sharma

Organizing Secretaries Dr. Kuldeep Kumar
Dr. Diwakar Aggarwal

Members Dr. Mandeep Kataria
Mrs. Teena Pathak

Workshop on Plant Tissue Culture



September 22-23, 2014



Organized by

**Department of Biotechnology
Multani Mal Modi College
Patiala (Punjab), India**
(Recognized as College with potential for Excellence,
Status conferred by UGC)





ABOUT THE INSTITUTE

Multani Mal Modi College is synonymous with academic excellence adorning the cultural city of Patiala. Located in the heart of the city, Multani Mal Modi College is a multi-faculty, co-educational institution established by Padma Bhushan, Rai Bahadur Seth Gujjar Mal Modi, in the fond memory of his illustrious father, Rai Bahadur Seth Multani Mal Modi. The college is about to complete 48 years, and during this period it has established itself as a leading Educational Institution with the student strength of more than 3700. The college offers degree courses in various streams Humanities, Commerce, Science, Computer Science and Business Management as well as Post- Graduate courses in Chemistry, Information Technology, Biotechnology, Fashion Design and Technology, Pharmaceutical Chemistry, Commerce, Mathematics and Post-Graduate diploma in Computer Applications and Dress Designing and Tailoring. The college has been conferred the status of “College with Potential for Excellence” (CPE) for XI Plan (Phase III) by the UGC.

DEPARTMENT OF BIOTECHNOLOGY



Department of Biotechnology at M. M. Modi College, Patiala was established in 2006 with a vision to make an impact in providing quality education, technology based training and innovation and service to society. The main objective of the Department is to provide quality teaching and research to young students, consistent with the State, National and International trends, needs and priorities.



The primary focus of the departmental research is on Plant Biosensors, Plant Biotechnology, Bioprocess Technology, Environmental Biotechnology, Microbial and Industrial Technology. The educational programs offered are UG, PG and Doctoral programs in respective areas. The Department is well equipped with various research instruments like HPLC, GC, Thermal Cycler, Double Beam Spectrophotometer and other infrastructural facilities. The main objective of the Department is to emerge as a leader in providing excellent education and to meet the human resource need of industry both Nationally and Internationally in Biotechnology and allied fields. Department is giving best efforts to motivate students to enter into modern research and technology and to undertake quality research programmes addressing topics of current global interest synchronizing with emerging trends.

WORKSHOP OBJECTIVE

This is a two-days workshop on plant tissue culture is being conducted by Department of Biotechnology at M. M. Modi College, Patiala. Participants will be taught the basic aspects of plant tissue culture. An overview on tissue culture applications particularly for plant propagation, will be presented. This workshop includes topics on preparation of stock solution and media, aseptic (sterile) techniques and explants preparation, shoot induction and multiplication, rooting of shoots and plantlet acclimatization. Apart from lectures and demonstrations, comprehensive hands-on sessions will be conducted at the Laboratory.



Throughout the workshop participants will be benefitted to develop skills in plant tissue culture.

Fee:

Students: Rs 500/-
Faculty: Rs. 1000/-

Registration is limited to only 25 participants on a first come first-served basis. The deadline for registration is **18th September, 2014.**

Accommodation and transportation: Participants have to make their own arrangements for accommodation and transportation.

A certificate of participation will be issued by M. M. Modi College, Patiala on completion of the course.

Participants are requested to bring affiliation letter from respective institutes.

Training Module

Day 1

9.00 – 9.45 am	Registration
9.45 – 11.00 am	Inauguration
11.00 – 11.30 am	Tea break
11.30 – 1.00 pm	Technical session
1.00 – 2.00pm	Lunch
2.00 --4.00pm	Technical session

Day 2

9.30—10.30 am	Interactive session
10.30- 1.00 pm	Technical session
1.00 – 2.00 pm	Lunch
2.00 – 3.00 pm	Technical session
3.00—4.00 pm	Valedictory

