

TEACHER'S ACTIVITY REPORT 2016 - 2017

FACULTY –Science DEPARTMENT/ COMMITTEE -Botany IQAC ACTIVITY No: SVC/2016-2017/NM/2

NAME OF THE ACTIVITY: Inauguration of Plant Tissue culture facility followed by Lecture on Recent trends in Biotechnology

DATE 28/2 2017	FACULTY Dr. Neeti Mehla, Dr. Aditi Kothari	DEPARTMENT/COMMITTEE Botany	COORDINATOR NAME Dr. Neeti Mehla
TIME – 10:00am-1:pm	VENUE – SVC	NUMBER OF PARTICIPANTS 50 -60 students of Botany (H)and Life sciences and faculty members of Science Departments	NATURE: Outdoor/Indoor Indoor
SUPPORT/ASSISTANCE:	Cluster innovation centre (CIC, DU) sponsored project		

BRIEF INFORMATION ABOUT THE ACTIVITY (**CRITERION NO.3**):

TOPIC/SUBJECT OF THE ACTIVITY	Seminar on Recent trends in Biotechnology
OBJECTIVES	On the occasion of Science day, the inauguration of Tissue culture facility was done by the renowned Biotechnologist Prof MV Rajam, Professor, Dept. of Genetics, South Campus (University of Delhi). A series of lectures were conducted on this day. DR. P. Hemalatha Reddy (Principal, SVC) addressed the gathering and delivered an introductory lecture on importance of Science day. This was followed by Prof MV Rajam's lecture on Recent trends in Plant Biotechnology. He also emphasised on the use of RNAi technology to unravel the functions of polyamine biosynthesis genes in various developmental processes, including fruit ripening, stress responses, and to develop transgenic crops for disease, insect and nematode resistance. This event was organised with a clear-cut objective of generating interest in the area of Plant Biotechnology among Students, which is also one of the core course paper in BSC. Botany (H) 6 th semester and in BSc. Life Sciences 6 th semester as well.
METHODOLOGY	Through lectures and interactions
OUTCOMES	The lecture imparted an insight into the recent trends in Plant Biotechnology. Students became aware of the developments in the area of transgenics plants. They learnt about the technology involved in the genetic engineering and how the plant genome can be modified using RDT techniques. Moreover, they learnt about the plant biodiversity conservation strategies through Embryo rescue and Novel Hybrid generation techniques.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

✓ Notice & Letters	Student list of participation	Activity report ✓	Photos ✓	Feedback form
Feedback analysis	News clip with details	Certificate	Any other	

IQAC Document No:	Criterion No: 3	Metric No:
Departmental file no	IQAC file No-	

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
Dr. Neeti Mehla	Dr. P.Hemalatha Reddy	

For Reference

Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance
Criterion III	Research, Innovations & Extension	Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure		

Proof – Photos of the Event -see next page

To,

The Principal
Sri Venkateswara College
University of Delhi

27/2/2017

Sub:- Permission to organise a guest lecture

Respected Madam,

This is in reference to C.S.C sanctioned project entitled "In situ - - - Tissue culture" kindly permit us to organise a guest lecture on "Recent Trends in Biotechnology" by Prof. M.V. Rajam on 28/2/2017 at 10:30 am in Room A1 & A2.

Regards,
Neel Mehra

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2nd
28/1
10:30
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27/2

National Science Day
celebration at

**Sri Venkateswara College,
University of Delhi**

We are pleased to invite you all
for inauguration of the plant tissue
culture lab followed by the keynote
address by

Prof. M.V. Rajam
Department of Genetics
University of Delhi, South Campus

on
"Recent Trends in Biotechnology"

VENUE - A1 AND A2
TIME: 10:30 am
DATE: 28/2/2017





Activity Report

The Cluster Innovation centre (University of Delhi) sanctioned a project grant of Rs. 24 lacs to Dr Neeti Mehla (Department of Botany) for setting up a dedicated Plant Tissue Culture facility under the guidance of Dr. P. Hemalatha Reddy, (Principal SVC). This lab has been set up with the aim to impart hands on training to undergraduate students of different courses in Plant Tissue culture Techniques. The Plant Tissue culture is a major component of the core paper Plant Biotechnology taught in Department of Botany, Biochemistry, Life sciences and Biological Sciences. Sri Venkateswara College had the honour of inauguration of this facility by the eminent Biotechnologist Professor MV Rajam, Dept. of Genetics, South Campus (University of Delhi) on the occasion of science day. A series of lectures were conducted on this day. DR. P. Hemalatha Reddy (Principal, SVC) addressed the gathering and delivered an introductory lecture on significance of science day. This was followed by Prof MV Rajam's lecture on Recent trends in Plant Biotechnology. He emphasised on the use of RNAi technology to unravel the functions of polyamine biosynthesis genes in various developmental processes, including fruit ripening, stress responses, and to develop transgenic crops for disease, insect and nematode resistance. This event was organised with a focus on cultivating interest in the area of Plant Biotechnology among Students. The event proceeded through lectures and discussions on latest developments in Plant Biotechnology

The lecture imparted an insight into the recent trends in Plant Biotechnology. Students became aware of the developments in the area of transgenics plants. They learnt about the technology involved in the genetic engineering and how the plant genome can be modified using RDT techniques. Moreover, they learnt about the plant biodiversity conservation strategies through Embryo rescue and Novel Hybrid generation techniques.



SRI VENKATESWARA COLLEGE
(University of Delhi)

Internal Quality Assurance Cell

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Prof C. Sheela Reddy
Principal
Sri Venkateswara College

IQAC Coordinator

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Department of Biochemistry

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University of Delhi South
Campus

Prof Alo Nag
University of Delhi South
Campus

Dr. Gitanjali Yadav
NIPGR, Delhi

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Dr. Lalitha Josyula
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Department of Zoology

Dr. Shruti Mathur
Department of Commerce

Dr. Padma Priyadarshini
Department of Sociology

Dr. Nimisha Sinha
Department of Biochemistry

Shri D. Venkat Ramana
A.O (I/C)

This is to certify that the Activity report (Teacher/Department /Society/Association) has been submitted for documentation to IQAC, Sri Venkateswara College, University of Delhi.

N. Latha

IQAC Coordinator
Sri Venkateswara College

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