



NAAC REACCREDITED 'A -GRADE'

SEVADAL MAHAVIDYALAYA, NAGPUR

Sakkardara Square, Umrer Road, Nagpur

Report of Workshop on 'Molecular Biology & Immunology'



Jointly Organized By

Department of Microbiology

And

Hi-Media Laboratories Private Limited, Mumbai

Academic Session: 2016-2017

Report of Workshop on ‘Molecular Biology & Immunology’

Date of organizing Workshop	23 rd & 24 th October 2016
Name of the Department	Microbiology & Biotechnology, Sevadal Mahila Mahavidyalaya, Nagpur
Academic Session	2016-2017
Number of students Participated	45

Aims and Objective of the Workshop:

Recent developments in molecular biology and immunological techniques have introduced a new dimension in the subject of Microbiology and biotechnology. Therefore, it is very important for Microbiology and Biotechnology professionals and students to gain fundamental knowledge of molecular biology and immunological techniques. Also in view of the increasing importance of basic molecular biology and Immunology techniques in professional and academic developments of students, Department of Microbiology and Biotechnology, Sevadal Mahila Mahavidyalaya, Nagpur organized two days workshop for hands-on training in Molecular Biology & Immunology in collaboration with Hi-Media Laboratories Private Limited, Mumbai on 23rd and 24th October 2016. The objective of the training programme through organizing workshop is to give exposure to the students to concept, skills and tools of molecular biology and immunology and to provide hands-on training on various molecular biology and immunological techniques by a technical expert from Hi-Media Laboratories Pvt. Ltd. Mumbai.

Glimpses of the Activities undertaken in the Workshop:

Mr. Abhijeet Gade, Technical expert from Hi-Media Laboratories Pvt. Ltd. Mumbai gave hands on training to the students of Sem V Microbiology and Biotechnology during workshop on Molecular Biology and Immunology organized by Department of Microbiology, Sevadal Mahila Mahavidyalaya, Nagpur. Mr. Abhijeet Gade, Technical expert guided the students of Sem V Microbiology and Biotechnology about importance of correct and accurate pipetting techniques during workshop. Students individually performed genomic DNA, plasmid isolation procedures restriction digestion of DNA under the guidance of Mr. Abhijeet Gade.

In this workshop 45 students of B. Sc. Sem V Microbiology and Biotechnology participated and undergone training in the basic techniques of Molecular

biology and immunology. Hands on training on techniques such as isolation of genomic and plasmid DNA, restriction digestion of DNA, Agarose gel electrophoresis, single radial immunoelectrophoresis, preparation of different types of buffers used in molecular biology were given to the students. Students were provided with the participation certificates after successful completion of the workshop.

To,
The Principal,
Sevadal Mahila Mahavidyalaya,
Sakkardara Square, Umred Road,
Nagpur-440009.

Date 20/10/2016

Subject: - Permission to organize Two days workshop on molecular Biology and Immunology in association with Hi-Media Laboratories, by Department of Microbiology and Biotechnology in the session 2016-17.

Respected Sir,


Apropos to the subject cited above, the multi national company Hi- Media Laboratories, is with their technical assistance for the students of department of Microbiology and Biotechnology of our college will get technical know how and molecular Biology Practical. The schedule of the workshop from 23rd -24th October 2016. Kindly permit us to organize two days workshop to get expertise knowledge in the field of molecular Biology and Immunology.

Thanking you,

Nagpur

Date: - 20/10/2016.

Sincerely Yours, C


(Dr. Prabhakar Bhandari)

Head
Department of Microbiology
Sevadal Mahila Mahavidyalaya, Nagpur.



Approval from the Hon'ble Principal of Sevadal Mahila Mahavidyalaya, Nagpur for organization of workshop on Molecular Biology & Immunology on in collaboration with Hi-Media Laboratories Private Limited, Mumbai on 23rd and 24th October 2016.

Date 20/10/2016

To,
The Director,
Hi-Media Laboratories, Pvt. Ltd.
Mumbai.

Subject: - To organize Two days workshop on Molecular Biology and Immunology in association with Hi-Media Laboratories, by Department of Microbiology and Biotechnology in the academic session 2016-17.

Respected Sir,

Apropos to the subject cited above, your esteemed multinational company working on Media preparation, Molecular Biology and Immunological Teaching Kits. We are the regular customer of your product and are used to teach the students of Microbiology and Biotechnology of undergraduate level.

The department of Microbiology and Biotechnology of our college wish to organize Two day workshop on Molecular Biology and Immunology in association with you. From last five years we are organizing such kind of workshop in association with you. Therefore kindly make it possible to organize Two Day Workshop along with your expert advisors in Molecular Biology and Immunology on 23rd and 24th October 2016. I am sure that you will be kind enough to extend your cooperation in this regard in the interest of the students to their knowledge.

Thanking you,

Sincerely Yours,

(Prof. Pravin Charde)

Principal

Sevadal Mahila Mahavidyalaya, Nagpur.



Nagpur

Date: - 20/10/2016.

Recd
21/10/16
S.K. SINGH
Asst
Himedia Labs

Request letter to the Director, Hi-Media Laboratories Private Limited, Mumbai for collaborative organization of workshop on Molecular Biology & Immunology on 23rd and 24th October 2016 in Association with Dept. of Microbiology, Sevalal Mahila Mahavidyalaya, Nagpur



Mr. Abhijeet Gade, Technical expert from Hi-Media Laboratories Pvt. LTd. Mumbai guiding the students of Sem V Microbiology and Biotechnology about importance of correct and accurate pipetting techniques during workshop on Molecular Biology and Immunology organized by Department of Microbiology, Sevadal Mahila Mahavidyalaya, Nagpur.



Mr. Abhijeet Gade, Technical expert from Hi-Media Laboratories Pvt. LTd. Mumbai giving hands on training to the students of Sem V Microbiology and Biotechnology during workshop on Molecular Biology and Immunology organized by Department of Microbiology, Sevadal Mahila Mahavidyalaya, Nagpur.



Students individually performing genomic DNA isolation procedure under the guidance of Mr. Abhijeet Gade Technical expert from Hi-Media Laboratories Pvt. Ltd. Mumbai during workshop on Molecular Biology and Immunology organized by Department of Microbiology, Sevadal Mahila Mahavidyalaya, Nagpur.



Students active participation under the guidance of Mr. Abhijeet Gade Technical expert from Hi-Media Laboratories Pvt. Ltd. Mumbai during workshop on Molecular Biology and Immunology organized by Department of Microbiology, Sevadal Mahila Mahavidyalaya, Nagpur.



Students learned agarose gel electrophoresis technique and visualized DNA fragments in UV-transilluminator during the workshop on 'Molecular Biology and Immunology' organized by Department of Microbiology, Sevadal Mahila Mahavidyalaya, Nagpur on 23rd and 24th October 2016.