



Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

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- UGC - 2(f) & 12 (B) Status • DST - FIST Funded College
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K. B. Hidayatullah Road, Camp,  
Pune - 411001 (MS) India

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2644 6319.

principal@poonacollege.edu.in  
www.poonacollege.edu.in



**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busl. Admin.)  
PRINCIPAL

+91 98226 21579  
dranwarshaikh@gmail.com

## PROJECT COMPLETION CERTIFICATE

This is to certify that the project report entitled "A STUDY OF WORKING CAPITAL MANAGEMENT in the subject (Specialization) BUSINESS ADMINISTRATION was prepared by KHAN MUNTAQIM YUSUF Class M.COM -II (SEM-IV) Roll No 5943 under my guidance and supervision for the academic year 2023-24. This project report is based on original study/field work carried out by him/her. Material/Notes obtained from sources has been duly acknowledged in the report.

This project is submitted to Savitribai Phule Pune University in partial fulfillment of requirement of Master of Commerce for the academic year 2023-24.

Dr.Nasrin Khan  
Project Guide

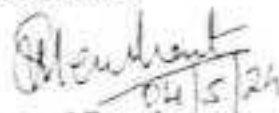
  
Dr.Nasrin Khan  
HOD  
Department of Commerce

Exam Seat No:

10195

Internal Examiner

Date of Exam:

  
04/5/24  
External Examiner



## COMPANY CERTIFICATE

This is to certify that KHAN MUNTAQIM YUSUF of MCOM Part II, SEM 4, and Roll No. 5943 of AKI's Poona College of Arts, Science and Commerce has successfully completed the internship work as per the guidelines of Savitribai Phule Pune University in our organization from 10/01/2024 to 25/01/2024

During the training, the student was sincere, hardworking and showed a keen interest learn. The involvement and sustained efforts put in by the student are highly appreciable.

We wish he all the best in his future endeavors.

**SHABANA PLASTIC**  
GSTIN : 270WEPP0360M1Z8  
S. No. 27/4/3, Bh Hotel Relax  
Kharadi, Pune 14.

Authorized Signature With Stamp





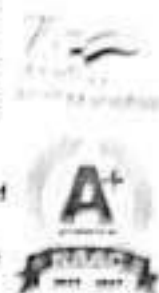
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**POONA COLLEGE  
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**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busi. Admin.)  
PRINCIPAL

+91 99226 21579  
dranwarshaikh@gmail.com

This is to certify that the project report entitled "STUDY ON IMPACT OF JOB ROTATION FOR POSITIVE OUTCOME IN SANYOG V LOHIYA & ASSOCIATES CA FIRM" In the subject -Business Administration was prepared by Mr Shantanu Tapan Bhattacharya Class M.COM -II (SEM- IV) Roll No 5944 under my guidance and supervision. This project report is based on original study/field work Carried out by her such material as has been obtained from other sources has been duly acknowledged in the report. This project is submitted in partial fulfilment of requirement of the Master of Commerce and project work as per the Rules of Savitribai Phule Pune University.

  
Dr. Nasrin Khan  
Project Guide

  
Dr. Nasrin Khan  
HOD  
Department of commerce

Exam Seat No. 10191

Date of Exam 02/5/2024

  
External Examiner

  
Internal Examiner

# Sanyog V Lohiya & Associates

Chartered Accountants

Email: [Sanyog@svla.in](mailto:Sanyog@svla.in)

Website: [www.svla.in](http://www.svla.in)

Mobile: 9405439014

## Project Completion Certificate

This is to certify that **Mr. Shantanu Tapan Bhattacharya**, student of MCOM-II of Poonja college of arts, science and commerce, Pune – 411001 has completed project report titled "STUDY OF IMPACT AND ROLE OF JOB ROTATION FOR THE POSITIVE OUTCOME" with us from 29 January 2024 to 10 February 2024.

He has completed the Project Work under our supervision and under our guidance.

For Sanyog V Lohiya & Associates  
Chartered Accountants



CA Sanyog Lohiya  
Proprietor  
Date: 10 February 2024  
Place: Pune



Address: #1, Sumeru Garden, Uday Baug, Pune – 411001.





Anjuman Khairul Islam's

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**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busi. Admin.)  
PRINCIPAL

+91 98226 21579  
dranwarahalkh@gmail.com

This is to certify that the project report entitled "A Study on Employees Challenges & Problems and their management" In the subject –Business Administration was prepared by Ms. Saba Feroz Khan Class M.COM –II (SEM- IV) Roll No 5947 under my guidance and supervision. This project report is based on original study/field work Carried out by her such material as has been obtained from others sources has been duly acknowledged in the report. This project is submitted in partial fulfillment of requirement of the Master of Commerce and project work as per the Rules of Savitribai Phule Pune University.

  
Dr. Nasrin Khan

  
Dr. Nasrin Khan

Department of Commerce

Project Guide

Exam Seat No. 10198

02/05/2024  
Date of Exam

  
External Examiner

  
Internal Examiner

## Internship Certificate

This is to certify that SABA FEROZ KHAN of M COM part II, SEM4, and Roll No.5947 of AKI's Poona College of Arts, Science and Commerce has successfully completed the internship work as per the guidelines of Savitribai Phule Pune University in our organization.

During the training, the student was sincere, hardworking and showed a keen interest to learn. The involvement and sustained efforts put in by the students is highly appreciable.

We wish her all the best in her future endeavours.



Authorized Signatory with Stamp

[info@sunshineholiday.com](mailto:info@sunshineholiday.com) / [sunshineholidaypackages@gmail.com](mailto:sunshineholidaypackages@gmail.com)

[www.sunshineholidaypackages.com](http://www.sunshineholidaypackages.com)

0175757178 / 9158942641



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**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busl. Admin.)  
PRINCIPAL



+91 98226 21579  
dranwarshaikh@gmail.com

## PROJECT COMPLETION CERTIFICATE

This is to certify that the project report entitled "A Study Of Impact Of Training Of Employees In A Bank in the subject (Specialization) Business Administration was prepared by Nabiya Riyaz Shaikh Class M.COM-II (SEM- IV) Roll No 5949 under my guidance and supervision for the academic year 2023-24. This project report is based on original study/field work carried out by him/her. Material/Notes obtained from sources has been duly acknowledged d in the report.

This project is submitted to Savitribai Phule Pune University in partial fulfilment of requirement of Master of Commerce for the academic year 2023-24.

Dr Nasrin Khan

Project guide

ACCREDITED BY

Dr Nasrin Khan

HOD

Department Of Commerce

Exam Seat No: 10185

Date Of Exam: 06/05/2024

Internal Examiner

External Examiner



MATTER TO BE WRITTEN ON COMPANY LETTER HEAD

This is to certify that NABIYA RIYAZ SHAIKH of MCOM Part II, SEM 4, and Roll No. 5949 of AKI's Poona College of Arts, Science and Commerce has successfully completed the internship work as per the guidelines of Savitribai Phule Pune University in our organization from 1 JAN 2024 to 20 JAN 2024.

During the training, the student was sincere, hardworking and showed a keen interest learn. The involvement and sustained efforts put in by the student are highly appreciable.

We wish him all the best in his future endeavours.

Authorized Signature with Stamp





Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

75  
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1948-2023

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dranwarshaikh@gmail.com


**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busi, Admn.)  
PRINCIPAL

## PROJECT COMPLETION CERTIFICATE

This is to certify that the project report entitled "Work Life Balance of Employees  
In A Company in the subject (Specialization) Business Administration was  
prepared by Aaliva Sadique Landge Class M.COM-II (SEM- IV) Roll No 5953  
under my guidance and supervision for the academic year 2023-24. This project  
report is based on original study/field work carried out by him/her. Material Notes  
obtained from sources has been duly acknowledged d in the report.

This project is submitted to Savitribai Phule Pune University in partial fulfilment of  
requirement of Master of Commerce for the academic year 2023-24.

  
Dr Nasrin Khan  
Project guide

  
Dr Nasrin Khan  
HOD  
Department Of Commerce

Exam Seat No: 10184

Date Of Exam: 06/05/24

  
Internal Examiner

  
External Examiner

## PROJECT COMPLETION CERTIFICATE

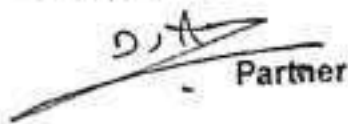
This is to certify that **Aaliya Sadique Landge** of MCOM Part II. SEM IV. and Roll No. 5953 of **AK's Poons College of Arts, Science and Commerce** has successfully completed the Internship work as per the guidelines of Savitribai Phule Pune University in our organization "**Vasupujya Corporation**" From 10 June 2023 to 31 Jan 2024 for the academic year 2023-2024.

During the training, the student was sincere, Hardworking and showed a keen interest to learn. The involvement and sustained efforts put in by the student is highly appreciable.

We wish her all the best in her future endeavours.

Thanking You,

Vasupujya Corporation

  
Partner





Anjuman Khairul Islam's

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**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busl. Admin.)  
PRINCIPAL



+91 98226 21579



dranwarshaikh@gmail.com

## PROJECT COMPLETION CERTIFICATE

This is to certify that the project report entitled "A Study On The Problems Related To Job Transfer of Female Employees Working at Cognizant Technology Solutions India Private Limited" in the subject (Specialization) Business Administration was prepared by Ms. Khatija Raheman Mujawar.

Class M.COM-II (SEM- IV) Roll No 5954 under my guidance and supervision for the academic year 2023-24. This project report is based on original study/field work carried out by him/her. Material/Notes obtained from sources has been duly acknowledged in the report.

ACCREDITED BY

This project is submitted to Savitribai Phule Pune University in partial fulfilment of requirement of Master of Commerce for the academic year 2023-24.

Dr Nasrin Khan

Project guide

Dr Nasrin Khan

HOD

Department Of Commerce

Exam Seat No: 10197

Date Of Exam: 06/05/24

Internal Examiner

External Examiner



# cognizant

TECHNOLOGY SOLUTIONS INDIA PRIVATE LIMITED

Phase 3, Plot 26, MIDC, Hinjawadi Rajiv Gandhi Infotech Park, Hinjawadi, Pimpri-Chinchwad, Maharashtra 411057

## PROJECT COMPLETION CERTIFICATE

This is to certify that Khatija Mujawar of MCOM Part II. SEM IV. And Roll No. 5954 of AK's Poona College of Arts, Science and Commerce has successfully completed the internship work as per the guidelines of Savitribai Phule Pune University in our organization ITKIT

SoftTech PVT LTD From 1 January to 20 Jan - 2024 for the academic year 2023-2024.

During the training, the student was sincere. Hardworking and showed a keen interest to learn. The involvement and sustained efforts put in by the student is highly appreciable.

We wish her all the best in her future endeavours.



Authorization Signature

Sanket Gupta





Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

75  
Azadi Ka  
Amrit Mahotsav

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dranwarshaikh@gmail.com

**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busi. Admin.)  
PRINCIPAL

## PROJECT COMPLETION CERTIFICATE

This is to certify that the project report entitled "A STUDY On impact of office design on employees productivity" in the subject (Specialization) Business administration was prepared by Ansari Muskan Afzal Class M.COM -II (SEM- IV) Roll No 5958 under my guidance and supervision for the academic year 2023-24. This project report is based on original study/field work carried out by him/her. Material/Notes obtained from sources has been duly acknowledged in the report.

This project is submitted to Savitribai Phule Pune University in partial fulfillment of requirement of Master of Commerce for the academic year 2023-24.

ACCREDITED BY

2022 - 2027

Dr. Nasrin Khan  
Project Guide

Dr. Nasrin Khan  
HOD  
Department of Commerce

Exam Seat No: 5958

Internal Examiner

Date of Exam: 02/5/2024

  
External Examiner 2/5/24



# AK INNOVATION SIGN BOARD LED SIGN BOARD MANUFACTURERS.

MUSHARRAF SHAIKH

owner  
A : Naheru park lane no 31 sr no 52 kondhwa pune 411048  
E : akinnovationn@gmail.com  
P : 8446393648

Date

### company certificate

This is certified that Ansari Muskan Afzal of Mcom part II sem , and Roll No 5958 of AKI's College of Arts , Science and Commerce has successfully completed the internship work as per the guidance of Savitribai Phule Pune University in our organisation from 02-01-24 to 15 -01 - 24 .

During the training the student was sincere handwork ing and showed a keen interest learn. The involvement and sustained efforts put in by the students are highly appreciable .

we wish her all the best her future endeavours.

**AK Innovation**  
LED Sign Board Manufacture  
Bhagyoday Nager, Kondhwa Kh., Pune  
8446393648 / 7083864313

Authorized signature and stamp

+918446393648



akinnovationn@gmail.com



Naheru park lane no 31 sr no 52  
kondhwa pune 411048





Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

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Amrit Mahotsav

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**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busi. Admin.)  
PRINCIPAL



+91 98226 21579




dranwarshaikh@gmail.com

## PROJECT COMPLETION CERTIFICATE

This is to certify that the project report entitled "A STUDY ON PROSPECTS OF MANPOWER PLANNING IN AN ORGANISATION" in the subject (Specialization) **BUSSINESS ADMINISTRATION** was prepared by **AQSA SUBHAN SAYYED** Class **M.COM -II (SEM- IV)** Roll No 5959 under my guidance and supervision for the academic year 2023-24. This project report is based on original study/field work carried out by him/her. Material/Notes obtained from sources has been duly acknowledged in the report.

This project is submitted to Savitribai Phule Pune University in partial fulfillment of requirement of Master of Commerce for the academic year 2023-24.

  
Dr. NASRIN PARVEZ  
KHAN

Project Guide

  
Dr. Nasrin Khan

HOD  
Department of Commerce

Exam Seat No: 10199

Date of Exam: 02/5/2024

  
Internal Examiner

  
External Examiner



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# गरुडड्रोप

स्वतंत्रसेवागार सेवा सहकारी संस्था ग. सं. सं. सं. , सातारा.

पत्तिका : 64/अ, 85, पुणेबाजार रोड, सातारा 415008, महाराष्ट्र, भारत. | फोन : 020-27777777

15th October 2023

This is to certify that Aqsa Subhan Sayyed of MCOM part II, SEM IV, and Roll No.5959 of AKI's Poona College of Arts, Science and Commerce has successfully completed the internship work as per the guidelines of Savitribai Phule Pune University in our organization from 15<sup>th</sup> August 2023 to 15<sup>th</sup> October 2023 for the academic year 2023-2024.

During the training, the student was sincere, hardworking and showed a keen interest to learn. The involvement and sustained efforts put in by the student is highly appreciable. We wish her all the best for her future endeavors.

Authorized Signature with stamp  
वेजामुन  
गरुडड्रोप स्वतंत्रसेवागार सेवा सहकारी  
संस्था ग. सं. सं. सं.



Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

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Azadi Ka  
Amrit Mahotsav

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**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busi. Adm.)  
PRINCIPAL

+91 98226 21579  
dranwarshaikh@gmail.com

## PROJECT COMPLETION CERTIFICATE

This is to certify that the project report entitled "A Study on E-filing  
of tax Return - Income Tax"

in the subject (Specialization) Advance Accounting

was prepared by Halsangi Fatima Nabital.

Class M.COM -II (SEM- IV) Roll No. 5903 under my guidance and supervision for the

academic year 2023-24. This project report is based on original study/field work carried out

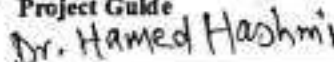
by him/her. Material/Notes obtained from sources has been duly acknowledged in the report.

This project is submitted to Savitribai Phule Pune University in partial fulfillment of  
requirement of Master of Commerce for the academic year 2023-24.

ACCREDITED BY

2022 - 2027

  
Dr. Mynsat-Peerzade  
Project Guide

  
Dr. Hamed Hashmi

  
Dr. Nasrin Khan  
HOD

Department of Commerce

Exam Seat No:

Date of Exam:

  
Internal Examiner

  
External Examiner




benchmark  
Marcom Pvt. Ltd. (OPC)

Events | Exhibitions | Corporate Events | Wedding | Exhibitions | Digital | Entertainment

This is to certify that **Halsangi Fatima Nabilal** of **MCOM Part II, SEM 4**, and Roll No. **5903** of AKI's Poona College of Arts, Science and Commerce has successfully completed the internship work as per the guidelines of Savitribai Phule Pune University in our organization from 2 January 2024 to 2 February 2024. During the training, the student was sincere, hardworking and showed a keen interest to learn. The involvement and sustained efforts put in by the student are highly appreciable.

We wish him all the best in his future endeavors.

For Benchmark Marcom Pvt. Ltd. (OPC)

  
Authorized Signatory

Benchmark Marcom Pvt. Ltd. (OPC)

Thanking you  
Yours Faithfully

Pune Head Office :- Office No. A-542, Marol Vihar, Loha Nagar, SN. 585A, 68B, 50A, 67C, 3000, Sahay Gaon, Pune, Maharashtra - 411042

Mumbai :- Office No. 302, 2nd Floor, Sree Plaza, H K Road, 21/102 Road, Near Pabai, Laxmi, Park West, Mumbai, Maharashtra - 400070

Bangalore :- Office No. 715, 77/1 St. A Cross, Rajgurunagar, Sakinaka Main Road, Bengaluru, Urban, Karnataka - 560041

Delhi :- House No. A/235/31/75, Vasantpuri, Saket, Delhi - 110017

• [www.benchmark.com](http://www.benchmark.com)  
• [info@benchmark.com](mailto:info@benchmark.com)



Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE



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**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busl. Admin.)  
PRINCIPAL



+91 98226 21573



dranwarshaikh@gmail.com

## PROJECT COMPLETION CERTIFICATE

This is to certify that the project report entitled **WORKING CAPITAL** at **S S BROTHERS GOLDSMITH** in the subject (Specialization) **Advance Accounting and Taxation** was prepared by **Ms. KHAN SANIYA YUSUF** Class **M.COM -II (SEM- IV)** Roll No-**5907** under my guidance and supervision for the academic year 2023-24. This project report is based on original study/field work carried out by her. Material/Notes obtained from sources has been duly acknowledged in the report.

This project is submitted to Savitribai Phule Pune University in partial fulfillment of requirement of Master of Commerce for the academic year 2023-24.

  
Dr. SYED HAMED  
HASHMI

Project Guide

  
Dr. Aftab Anwar Shaikh

HOD

Department of Commerce

Exam Seat No:

  
Internal Examiner

Date of Exam:

  
External Examiner





# SS BROTHERS GOLDSMITH

470/71 Nandan Residence, Shop No. 5,

Phone: - 7875107063

Raviwar Peth, Pune: 411 002

9890072132

This is to certify that Khan Saniya Yusuf of MCOM Part II, SEM 4, and Roll No. 5908 of AKI's Poona College of Arts, Science and Commerce has successfully completed the internship work as per the guidelines of Savitribai Phule Pune University in our organization from 2 January 2024 to 2 February 2024. During the training, the student was sincere, hardworking and showed a keen interest learn. The involvement and sustained efforts put in by the student are highly appreciable.

We wish him all the best in his future endeavors.

*S. S. Brothers*

**S. S. Brothers**  
Gold Smith  
470/71, Raviwar Peth,  
Pune-2: Ph.No.9890072132

Authorized Signature with Stamp  
Samsul Shaikh





Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

75  
Azadi Ka  
Amrit Mahotsav

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**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busl. Admin.)  
PRINCIPAL



+91 98226 21579



dranwarshaikh@gmail.com

## PROJECT COMPLETION CERTIFICATE

This is to certify that the project report entitled "A study of Human Resources Accounting and Organizational Performance" in the subject (Specialization) Advance Accounting was prepared by Maheknaaz Azizahmed Shaikh Class M.COM -II (SEM- IV) Roll No 5915 under my guidance and supervision for the academic year 2023-24. This project report is based on original study/field work carried out by him/her. Material/Notes obtained from sources has been duly acknowledged in the report.

This project is submitted to Savitribai Phule Pune University in partial fulfillment of requirement of Master of Commerce for the academic year 2023-24.

Dr. Syed Hamed  
Hashmi  
Project Guide

Dr. Nasrin Khan  
HOD  
Department of Commerce

Exam Seat No:

Date of Exam: 04/05/2024

Internal Examiner

External Examiner

### To Whomsoever It May Concern

This is to certify that Miss. Maheknaaz Azizahmed Shaikh of MCOM Part II, SEM 4, and Roll No. 5915 of AKYS Poona College of Arts, Science, and Commerce has completed the internship work as per the guidelines of Savitribai Phule Pune University in our organization.

The student was sincere, hardworking, and keen to learn during the training. The involvement and sustained efforts put in by the student are highly appreciable. We wish Miss Maheknaaz Azizahmed Shaikh all the best in her future endeavors.

She has completed her internship for a period from 1st December 2023, to 31st January 2024 ( 9hrs working hours per day).

The circular logo for addMatrix with 'Pune' written below it, and a handwritten signature 'A. Malik' written over the logo.

Office No-301,3rd Floor, NB Pearl, Above Bellance Smart Point, Nr. Faunjal Mata Mandir, Wadgaon Bk,  
Pune-411041 • +91 9881008929 • info@addmatrix.com

[www.addmatrix.com](http://www.addmatrix.com)



Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

Affiliated to Savitribai Phule Pune University: ID No PUPN/ASCI/023/1970 • DST - FIST Funded College • UGC - 2(f) & 12 (B) Status  
Government of Maharashtra and Savitribai Phule Pune University Recognized Minority College • NAAC Re-accredited College

K. B. Hidayatullah Road, Camp,  
Pune - 411001, (MS), India

+91-20-2645 4240 / 2644 6319.

www.poonacollege.edu.in  
principal@poonacollege.edu.in



## PROJECT COMPLETION CERTIFICATION

This is to certify that the Project reported entitled "Study of working capital management of a EBIXCASH company" SHAMA PAPA SHAIKH of M.COM Part II. SEM IV. and Roll No. 5918 of AK's Poona College of Arts, Science and Commerce has successfully completed the internship work as per the guidelines of Savitribai Phule Pune University in our organization India Study of working capital management of a EBIXCASH company OF From 2<sup>nd</sup> Jan to 2<sup>nd</sup> Feb, 2024 for the academic year 2023-2024.

During the training, the student was sincere. Hardworking and showed a keen interest to learn. The involvement and sustained efforts put in by the student is highly appreciable.


We wish him all the best in his future endeavours.

Guide

  
Dr. Hamid Hashmi

  
Dr. Nasrin Khan.

  
Internal Examiner

  
External Examiner

## PROJECT COMPLETION CERTIFICATE

This is to certify that SHAMA PAPA SHAIKH of MCOM Part II, SEM IV,

and Roll No. 5918 of AK's Poona College of Arts, Science and Commerce has successfully completed the internship work as per the guidelines of Savitribai Phule Pune University in our organization India "Study of working capital management of a EBIXCASH company" OF From 02<sup>nd</sup> Jan to 02<sup>nd</sup> Feb ,2024 for the academic year 2023-2024.

During the training, the student was sincere, Hardworking and showed a keen interest to learn. The involvement and sustained efforts put in by the student is highly appreciable.

We wish him all the best in his future endeavors.



Regional HR Manager

I hereby declare that I have read and understood the above mentioned and also accept the offer of internship.

Signature & Date

**EbixCash Global Services Private Limited** (Formerly known as AssuranceEdge Global Services Private Limited)

Registered Office : No. 55/1 BBMP Khata No. 272/88/9 Nagawara Ring 2nd stage, Hennur-Bary Road,  
Nagawara, Bangalore KA 560045  
Regional Office : Ebixcash Global Services Pvt. Ltd. 1st floor, Okay House, A35 MIDC, Street no 2,  
Andheri E, Mumbai 400 003  
T : +91-022-68351110 | W : www.ebixcashglobalservices.com

CIN : U72400KA1988PTC009832



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**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busi. Admin.)  
PRINCIPAL



+91 98226 21579  
dranwarshaikh@gmail.com

## PROJECT COMPLETION CERTIFICATE

that the project report entitled **HOUSING LOAN SCHEMES OF BANKS AND FINANCIAL INSTITUTIONS** at **FINANCE BUDDHA** in the subject (Specialization) **Advance Accounting and Taxation** was prepared by **Mr. CHAUDHARY MOHAMMED RAZA MOHAMMED UMAR** Class **M.COM -II (SEM- IV)** Roll No-**5923** under my guidance and supervision for the academic year 2023-24. This project report is based on original study/field work carried out by her. Material/Notes obtained from sources has been duly acknowledged in the report.

This project is submitted to Savitribai Phule Pune University in partial fulfillment of requirement of Master of Commerce for the academic year 2023-24.

**Dr. SYED HAMED  
HASHMI**

**Project Guide**

**HOD**

**Department of Commerce**

**Exam Seat No:**

**Internal Examiner**

**Date of Exam:**

**External Examiner**



## FINANCE BUDDHA

CLOVER CENTER Moledina Rd, camp  
Pune, Maharashtra 411001

Phone No. 9168836332  
7875107063

This is to certify that Chaudhary Mohammed Raza Umar of MCOM Part II, SEM 4, and Roll No. 5923 of AKI's Poona College of Arts, Science and Commerce has successfully completed the Internship work as per the guidelines of Savitribai Phule Pune University in our organization from 2 January 2024 to 2 February 2024.

During the training, the student was sincere, hardworking and showed keen interests learn. The involvement and sustained efforts put in by the student are highly appreciable.

We wish him all the best in his future endeavours.



Authorized Signature with Stamp

Nilesh Poojari



Anjuman Khairul Islam's  
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www.poonacollege.edu.in

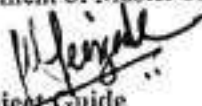
+91 98226 21579  
dranwarshaikh@gmail.com

**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busl. Admin.)  
PRINCIPAL

**PROJECT COMPLETION CERTIFICATE**

This is to certify that the project report entitled " SIIRI SEVA SERVICES AUTO DIVISION AUTHORISED DEALER FOR BAJAJ AUTO LTD" in the subject (Specialization) Advance Cost Accounting and Cost System was prepared by Ms. KHAN AMRIN NAJEEB Class M.COM -II (SEM- IV) Roll No-5927 under my guidance and supervision for the academic year 2023-24. This project report is based on original study/field work carried out by her. Material/Notes obtained from sources has been duly acknowledged in the report.

This project is submitted to Savitribai Phule Pune University in partial fulfillment of requirement of Master of Commerce for the academic year 2023-24.

  
Project Guide

**Dr. Riyasat Peezade**

  
HOD

**Dr. Nasrin Khan**

**Department of commerce**

Exam Seat No.

10174

Date of Exam 02/05/2024

  
External Examiner

  
Internal Examiner





# SHRI SEVA SERVICES

AUTO DIVISION

Authorised Dealer For Bajaj Auto Ltd.



THE WORLD'S  
FAVOURITE  
INDIAN

Date :-

Ref.:

This is to certify that KHAN AMRIN NAJEEB of MCOM Part II, SEM 4, and Roll No. 5927 of AKI's Poona College of Arts, Science and Commerce has successfully completed the internship work as per the guidelines of Savitribai Phule Pune University in our organization from 10\01\2024 to 21\01\2024

During the training, the student was sincere, hardworking and showed a keen interest learn. The involvement and sustained efforts put in by the student are highly appreciable.

We wish her all the best in her future endeavours.



Authorized Signature with Stamp

ad Office : M.K.Enterprises, Sr. No.60, Opp. Force Motors Material Gate Khandobamal,  
Tharmax Road, Akurdi, Pune - 411035. Ph.: 020-65009503/65791786

Branch : Safair Park, Pune-Mumbai Road, Opp. Shopar Stop, Wakdewadi, Shivaji Nagar, Pune- 411005.  
Email : shrisevaservices.autodivision@gmail.com Website: www.bajajauto.com





Anjuman Khairul Islam's

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principal@poonacollege.edu.in www.poonacollege.edu.in

**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busi. Admin.)  
PRINCIPAL

+91 98226 21579  
dranwarshaikh@gmail.com

## PROJECT COMPLETION CERTIFICATE

This is to certify that the project report entitled **Process Costing and its Technique at N. P. ENGINEERING WORKS** in the subject (Specialization) **Advance Cost Accounting and Cost System** was prepared by **Ms. KHAN KHATLJA IQBAL** Class M.COM –II (SEM- IV) Roll No-5928 under my guidance and supervision for the academic year 2023-24. This project report is based on original study/field work carried out by her. Material/Notes obtained from sources has been duly acknowledged in the report.

This project is submitted to Savitribai Phule Pune University in partial fulfillment of requirement of Master of Commerce for the academic year 2023-24.

Dr. Riyasat Peerzade  
Project Guide

Dr. Nasrin Khan  
HOD

Department of Commerce

Exam Seat No: 10171

Internal Examiner

Date of Exam: 02/08/2024

External Examiner



# N. P. ENGINEERING WORKS

Specialist In : Sheet Metal & Fabrication Industrial Stoving Painting & Powder Coating



Management System  
ISO 9001:2015

Date: 13/02/2024

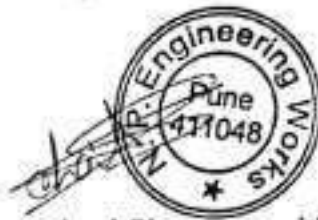
Ref :

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Khatija Iqbal Khan of MCOM Part II, SEM 4, and Roll No. 5298 of AKI's Poona College of Arts, Science and Commerce has successfully completed the internship work as per the guidelines of Savitribai Phule Pune University in our organization from 15/01/2024 to 13/02/2024.

During the training, the student was sincere, hardworking and showed a keen interest to learn. The involvement and sustained efforts put in by the student are highly appreciable.

We wish her all the best in her future endeavours.



Authorized Signature with Stamp

V





Anjuman Khairul Islam's

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**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busi. Admin.)  
PRINCIPAL



+91 98226 21579



dranwarshalkh@gmail.com

## PROJECT COMPLETION CERTIFICATE

This is to certify that the project report entitled " KATRAJ DAIRY " in the subject (Specialization) Advance Cost Accounting and Cost System was prepared by Ms. NAIYERA KHANAM MOHAMMED WAKIL KHAN Class M.COM –II (SEM- IV) Roll No-5927 under my guidance and supervision for the academic year 2023-24. This project report is based on original study/field work carried out by her. Material/Notes obtained from sources has been duly acknowledged in the report.

This project is submitted to Savitribai Phule Pune University in partial fulfillment of requirement of Master of Commerce for the academic year 2023-24.

PROJECT GUIDE  
DR. RIYASAT PEERZADE

HOD  
DR. NASRIN KHAN

Department of commerce

Head of Department

Exam Seat No. 10172

Date of Exam 02/05/2024

External Examiner


Internal Examiner

PUNE ZILLHA SAHKARI DUDH UTPADAK SANGH MARYADIT  
Katraj Dairy, Katraj Pune -411 046

Date:- 07/02/2024

INDUSTRIAL VISIT CERTIFICATE

This is to certify that **Miss. Naiyera Khanam Mohammad Wakil Khan** the Students of Poona College of Arts, Science & Commerce, Camp, Pune - 411001 has visited to our Pune Zillha Sahakari Dudh Utpadak Sangh Maryadit Katraj Dairy, Katraj, Pune on 07/02/2024.

  
Pune Zillha Sahakari Dudh  
Utpadak Sangh Mar.  
Pune-Satara Road,  
Katraj Dairy, Pune-411046.



1970 - 2020

Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

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Amrit Mahotsav

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**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busl. Admin.)  
PRINCIPAL


+91 98226 21579  
dranwarshaikh@gmail.com


## PROJECT COMPLETION CERTIFICATE

This is to certify that the project report entitled  
*Auditing procedure of.*  
"BANDAKAR & CO, CHARTERED ACCOUNTANTS"

In the subject (Specialization) **Advance Cost Accounting and Cost System** was prepared by **Mr. AAKIB SAJID SAIN** Class M.COM -II (SEM- IV) Roll No-5930 under my guidance and supervision for the academic year 2023-24. This project report is based on original study/field work carried out by her. Material/Notes obtained from sources has been duly acknowledged in the report.

This project is submitted to Savitribai Phule Pune University in partial fulfillment of requirement of Master of Commerce for the academic year 2023-24.

  
Dr. Riyasat Peerzade  
Project Guide

  
Dr. Nasrin Khan  
HOD  
Department of Commerce

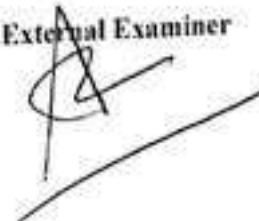
Exam Seat No: 10173

Internal Examiner



Date of Exam: 02/05/2024

External Examiner





**BANDARKAR & CO**

Chartered Accountants

Abdus samad A S Bandarkar  
ACA, M.Com (FRN. 152474W)

**PROJECT COMPLETION CERTIFICATE**

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Aakib Sajid Sain student of M.com of AKI's Poona College of Arts, Science and Commerce, has Completed Internship Project Report titled "Auditing Procedure" with us from 01 December, 2023 to 31 January, 2024.

He has completed the Internship Project Work to our satisfaction.

For **BANDARKAR & CO**  
Chartered Accountants  
Firm Reg No. 152474W

*Samad*



CA ABDUS SAMAD A. S. BANDARKAR

**Proprietor**

Membership No. 196807

Date: 14<sup>th</sup> February, 2024

Place: Pune.

Address: Office No. F-4, Royal Plaza, 2122, Sardar V P Road, Opp. Thacker Apartment,  
Camp, Pune 411 001.

Email: ca.absamad@bandarkar.in

Phone: +91 78756 34622



Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

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Amrit Mahotsav

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**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busl. Admin.)  
PRINCIPAL



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dranwarshaikh@gmail.com

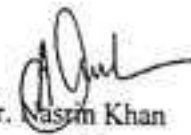
## PROJECT COMPLETION CERTIFICATE

This is to certify that the project report entitled "A STUDY OF CONTRACT COSTING AT M K ENTERPRISES"

in the subject (Specialization) **ADVANCED COST ACCOUNTS AND COST SYSTEMS** was prepared by **SHAIKH AFRIDI MANZAR** Class M.COM -II (SEM- IV) Roll No 5931 under my guidance and supervision for the academic year 2023-24. This project report is based on original study/field work carried out by him/her. Material/Notes obtained from sources has been duly acknowledged in the report.

This project is submitted to Savitribai Phule Pune University in partial fulfillment of requirement of Master of Commerce for the academic year 2023-24.


  
Dr. Riyasat Peerzade  
Project Guide

  
Dr. Nasim Khan  
HOD

Department of Commerce

10176  
Exam Seat No:

Date of Exam: 02/05/24

  
Internal Examiner

  
External Examiner

ACCREDITED BY

2022 - 2027



# M. K. ENTERPRISES

Shop No. 1, Marrium Complex. Sr. No. 54/1, Shivneri Nagar,  
Lane No. 14, Kondhwa Kh, Pune - 411048. Ph.: 8483933723 / 8888303175

REF :

DATE :

## COMPANY CERTIFICATE

This is to certify that Shaikh Afridi Manzar of MCOM Part II, SEM 4, and Roll No. 5931 of AKI's Poona College of Arts, Science and Commerce has successfully completed the internship work as per the guidelines of Savitribai Phule Pune University in our organization from 2/01/2024 to 15/01/2024.

During the training, the student was sincere, hardworking and showed a keen interest learn. The involvement and sustained efforts put in by the student are highly appreciable.

We wish him all the best in his future endeavours.

For M.K. Enterprises

Proprietor

Company stamp

Authorized Signature





Anjuman Khairul Islam's

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**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busi. Admin.)  
PRINCIPAL



+91 98226 21579



dranwarshaikh@gmail.com

## PROJECT COMPLETION CERTIFICATE

This is to certify that the project report entitled "COST CONTROL AND COST REDUCTION" AT SHREE AUTO AGENCY In the subject – ADVANCE COST ACCOUNTING AND COST SYSTEM was prepared by Miss. Class M.COM –II (SEM- IV) Roll No 5932 under my guidance and supervision. This project report is based on original study/field work Carried out by her such material as has been obtained from others sources has been duly acknowledged in the report. This project is submitted in partial fulfillment of requirement of the Master of Commerce and project work as per the Rules of Savitribai Phule Pune University.

  
Project Guide  
Dr. Riyasat Peezade  
Department of commerce

  
HOD  
Dr. NASRIN KHAN

Exam Seat No. 10177

Date of Exam

External Examiner

Internal Examiner



# SHREE AUTO AGENCY

AUTO SERVICE

AUTHORISED DEALER FOR HERO MOTOCORE, LTD



Date:

This is to certify that SHAIKH ASMA ASHRAF of MCOM Part II, SEM 4, and Roll No. 5932 of AKI's Poona College of Arts, Science and Commerce has successfully completed the internship work as per the guidelines of Savitribai Phule Pune University in our organization from 10/01/2024 to 21/01/2024.

During the training, the student was sincere, hardworking and showed a keen interest learn. The involvement and sustained efforts put in by the student are highly appreciable.

We wish him all the best in his future endeavours.

Shree Auto Agency

  
Proprietor

HEAD OFFICE: ADDRESS : HERO MOTOCORP LTD, I, NELSON MANDELA ROAD, VASANT KUNJ,  
PHASE II, NEW DELHI 110070, INDIA

BRANCH : SHREE AUTO AGENCY

270, HIND MATA CHOWK, NEW NANA PETH, GANESH PETH, PUNE,  
MAHARASHTRA 411002 HOURS: 10:00 AM TO 08:00 PM





Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

75  
Azadi Ka  
Amrit Mahotsav

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**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busl. Admin.)  
PRINCIPAL



+91 98226 21579


dranwarshaikh@gmail.com

## PROJECT COMPLETION CERTIFICATE


This is to certify that the project report entitled "A STUDY OF JOB COSTING AT SKYLINE AUTO INDUSTRIES LLP"

in the subject (Specialization) **ADVANCED COST ACCOUNTS AND COST SYSTEM** was prepared by **SHAIKH FARHAT ABDUL HAMID** Class M.COM –II (SEM- IV) Roll No 5933 under my guidance and supervision for the academic year 2023-24. This project report is based on original study/field work carried out by him/her. Material/Notes obtained from sources has been duly acknowledged in the report.

This project is submitted to Savitribai Phule Pune University in partial fulfillment of requirement of Master of Commerce for the academic year 2023-24.

  
Dr. Riyasat Peerzade  
Project Guide

ACCREDITED BY

  
Dr. Nasrin Khan  
HOD

Department of Commerce

10/78  
Exam Seat No:

2022 - 2027

Date of Exam: 02/05/24

  
Internal Examiner

  
External Examiner



# SKYLINE AUTO INDUSTRIES LLP

Email : skylineautoind@gmail.com

+91 9607506506 / +91 7558774435 / +91 9405027636

CIN No. : AAX-2436

This is to certify that **Shaikh Farhat Abdul Hamid** of MCOM part II, SEM 4, and Roll No. **5933** of AKI's Poona College of Arts, Science and Commerce has successfully completed the internship work from Date 27<sup>th</sup> December 2023 to 23<sup>rd</sup> January 2024 as per the guidelines of Savitribai Phule Pune University in our organization.

During the training, the student was sincere, hardworking and showed a keen interest to learn. The involvement and sustained efforts put in by the student is highly appreciable.

We wish her all the best in his future endeavours.





Anjuman Khairul Islam's  
**POONA COLLEGE**  
**OF ARTS, SCIENCE & COMMERCE**

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Azadi Ka  
Amrit Mahotsav

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www.poonacollege.edu.in

**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busl. Admn.)  
PRINCIPAL



+91 98226 21570  
dranwarshaikh@gmail.com

**AKI'S POONA COLLEGE OF ARTS, SCIENCE & COMMERCE**

**CAMP, PUNE**

**2023-2024**

**PROJECT COMPLETION CERTIFICATE**

This is to certify that the project report entitled "A STUDY OF COSTING BUDGETING AT SANA S. SAYYED CHARTERED ACCOUNTANT"

in the subject (Specialization) **ADVANCED COST ACCOUNTS AND COST SYSTEMS** was prepared by **MS. TABIBA SAYYED** Class M.COM -II (SEM- IV) Roll No 5934 under my guidance and supervision for the academic year 2023-24. This project report is based on original study/field work carried out by him/her. Material/Notes obtained from sources has been duly acknowledged in the report.

This project is submitted to Savitribai Phule Pune University in partial fulfillment of requirement of Master of Commerce for the academic year 2023-24.

Dr. Riyasat Peerzade

Project Guide

Dr. Nasrin Khan

HOD

Department of Commerce

Exam Seat No:

Date of Exam:

Internal Examiner

External Examiner



# SANA S. SAYED

CHARTERED ACCOUNTANT

To,

The Principal,

AKI Poona College

Pune-411001

Subject: Internship Completion Certificate

Respected Sir/Madam,

I am happy to inform you that Ms.Tabiba Nasir Sayyed Student of your college has successfully completed the 'Internship Programme' in this organization.

Sr. No.	Name of the Student	Roll Number	Special Subject
1.	Ms.Tabiba Nasir Sayyed	5934	Cost Budgeting

The student has been provided with adequate exposure and necessary hands- on training pertaining to their special subject. I am confident that the student will perform effectively in similar type of organizations.

I wish her success in future endeavors.

Tenure : 27<sup>th</sup> Jan 2024 – 12<sup>th</sup> Feb 2024 (60 Hours)

Yours Sincerely,



Name & Signature

(Authorized Signatory)

Office Address : Above Zende Chai, Lane No. 20/A, Sayyed Nagar,  
Mohammad wdai Road, Hadapsar, Pune - 411028

Mob. No. 9518559936 / 7028800630 / 7028440630 / 8888712305 Gmail: casanasayed@gmail.com

# AKI'S POONA COLLEGE OF ARTS, SCIENCE AND COMMERCE, Camp, Pune

## Department of Computer Science and BBA

### Report on Faculty-Student Exchange Program

Date: 15th and 16th March 2024



The Faculty-Student Exchange Program between Poona College of Arts, Science and Commerce, Pune and Shree Damodar College of Commerce and Economics, Goa took place on the 15th and 16th of March 2024. Five students from Poona College were selected to participate in Chanakya Bhoomi 2024, a prestigious National Level Intercollegiate competition hosted by Shree Damodar College, Goa.

Under the esteemed guidance of Principal Prof. Dr. Aftab Anwar Shaikh, the Faculty-Student Exchange Program at Damodar College, Goa, was meticulously managed by Dr. Deepika Kininge and Dr. Reshma Kadam. Furthermore, the continuous support and encouragement provided by Dr. Shabana Shaikh were instrumental in the program's success.



### **Purpose of the Exchange Program:**

The primary objective of the exchange program was to facilitate academic and cultural exchange between the two institutions. It aimed to provide students with opportunities to showcase their talents, enhance their skills, and foster collaboration between faculties and students from different colleges.

### **Participation in Chanakya Bhoomi 2024:**

The five selected students from Poona College actively participated in various events organized as part of Chanakya Bhoomi 2024. The competition featured a diverse range of events, including Econorma, Ethical Edge Challenge, Capital Canvas, Corporate Tycoon, Execute Excellence, Business Forward, and NITI Samvaad.

### **Highlights of the Events:**

**Econorma:** A competition focusing on economic theories and practical applications.

**Ethical Edge Challenge:** A challenge to test participants' ethical decision-making skills in various scenarios.

**Capital Canvas:** An event exploring the art of financial planning and investment strategies.

**Corporate Tycoon:** A simulation of corporate management and decision-making processes.

**Execute Excellence:** An event evaluating participants' leadership and execution abilities.

**Business Forward:** A platform for presenting innovative business ideas and strategies.

**NITI Samvaad:** A discussion forum on policy issues and socio-economic development.

### **Achievements and Learning:**

The students from Poona College exhibited commendable performances across the different events. They showcased their knowledge, creativity, and problem-solving skills, reflecting the quality of education and training received at their institution. Among the participants from Poona College, one student stood out by securing a position in the final round of the competition. Participating in Chanakya Bhoomi 2024 provided them with valuable exposure to real-world challenges and opportunities to interact with peers from other colleges.

**Conclusion:**

The Faculty-Student Exchange Program at Damodar College, Goa, served as an enriching experience for both the students and faculty involved. It strengthened the bonds between Poona College and Damodar College, fostering a spirit of collaboration and mutual learning. Such initiatives contribute significantly to the holistic development of students and promote a culture of excellence in education.

Overall, the exchange program was a resounding success, and we look forward to further collaborations and exchanges in the future.

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## ACTIVITY REPORT Academic Year: 2023-24

BASIC DETAILS			
<b>Title of the Activity: Visit to A-One Biotech (Plant Tissue Culture &amp; Horticulture Plant).</b>			
<b>Date</b>	<b>Faculty</b>	<b>Department/ Committee</b>	<b>Coordinator Name &amp; Phone no.</b>
27/09/2023	Science	Botany	Dr. Aafreen A. Ahmed; 9766209786
<b>Time</b>	<b>Venue</b>	<b>Activity for Class/Group</b>	<b>Nature: Co-curricular/Extra- curricular/Extension/Outreach</b>
7.30am to 5.00pm	Talegaon, Pune.	S.Y. B.Sc.	Co-curricular

BRIEF INFORMATION OF THE ACTIVITY	
<b>Objectives</b>	Experiential learning by visiting Horticulture plant and plant tissue culture laboratory.
<b>Outcome</b>	Students understood the process of tissue culture and scope of horticulture as an industry.
<b>No. of Participants</b>	42

DOCUMENTS ATTACHED:		
<i>Note: Please attach original documents. Photocopy (Xerox) will not be accepted.</i>		
<b>Detailed Report</b>	<b>Geotagged Photos with Caption</b>	<b>Notice/Brochure</b>
<b>Attendance</b>	<b>Letters if any (Invitation/Thanks)</b>	<b>Any other relevant Documents (Resource Person CV/Feedback)</b>



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## DETAILED REPORT

### **Visit to A-One Biotech (Plant Tissue Culture & Horticulture Plant), Talegaon, Pune.**

**27/09/2023:** A-One Biotech (Plant Tissue Culture & Horticulture Plant) is a distributor of micropropagated plants, based in MIDC, Talegaon, Pune. The organization was established in 2005 by Mr. Dilip Jadhav, a post graduate in Botany. He has worked hard to make successful tie-ups with several renowned companies such as Reliance Group, Government Projects such as beautification of Nasik Highway and Chatrapati Shivaji Maharaj International Airport, Mumbai and many more. Several ornamental plants are propagated through tissue culture and sold on a large scale.

Department of Botany, AKI's Poona College, arranged a visit to this Horticulture Plant, with S.Y. B.Sc. Botany students on 27<sup>th</sup> September, 2023. Mr. Shelke, the manager received us in his usual cordial way. He gave us brief insights into the aims and objectives of A-One Biotech and its functional outgrowth in the past few years as a leading horticulture industry. He took students around the entire Polyhouse while explaining the kinds of plants nurtured there, their importance and need in the outside world.

Students enquired about irrigation facilities, fertilizers used to maintain growth and the chemical control undertaken to keep away pests and diseases. Every query was answered in detail by Mr. Shelke. He showed students the area where preparation of pots for vertical garden was being done. The workers explained what potting mixture is made up of.

Mr. Shelke explained the process of tissue culture technique by taking the students to its Tissue Culture Unit. Students were not allowed to enter the



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Laboratory due to strict protocols, but they got a view of the tissue culture lab through huge glass windows.

The educational visit helped students experience the functioning of Horticulture and Tissue Culture industry. Students and staff bought several micropropagated plants from the sale point such as: *Aglonema*, *Pothos*, *Chlorophytum*, ferns, succulents, etc. to name a few.

In all 42 students benefitted from the visit under the supervision of staff Dr. Aafreen Ahmed and Dr. Rafik Shaikh.





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## GEOTAGGED PHOTOS WITH CAPTIONS



**27/09/2023: Mr. Shelke introducing the concept of A-One Biotech, its layout and horticulture as a business.**



**27/09/2023: Students learning to prepare pots for vertical garden.**



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**27/09/2023: A peek into the Tissue Culture Laboratory, A-One Biotech.**



**27/09/2023: A view of the Polyhouse and students with Mr. Dilip Jadhav, Mr. Shelke and college staff Dr. Aafreen A. Ahmed and Dr. Rafik Shaikh**



22/09/2023

To,  
The Principal,  
AKI's Poona College of Arts, Science & Commerce  
Camp, Pune - 01.

**Subject: Permission for educational visit to A-1 Biotech, Talegaon.**

Dear Sir,

To enhance experiential learning, Department of Botany is planning for an educational visit to A-One Biotech, Talegaon for S.Y. B.Sc Botany students on 27<sup>th</sup> September, 2023. As co-ordinator of the tour, I request you to grant permission for the same.

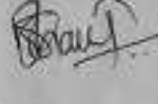
Thanking you.

Yours faithfully,




Dr. Aafreen A. Ahmed  
Co-ordinator

Accompanying staff:

1] Dr. Rafik Shaikh - 

Forwarded  
  
22/09/23

Permitted Subject to  
Undertaken  
 26/9/23



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2644 6319.

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www.poonacollege.edu.in



## Department of Botany

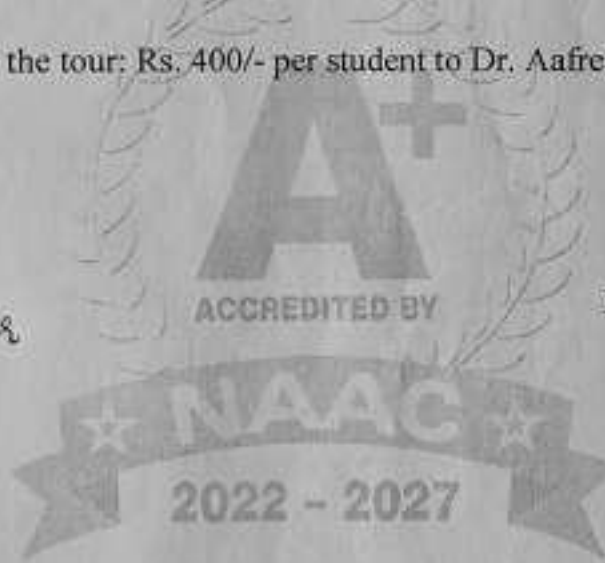
Date: 22/09/2023

An educational visit to A-One Biotech (Floriculture), M.I.D.C., Talegaon has been arranged for students of S.Y. B.Sc Botany on 27<sup>th</sup> September, 2023. All are informed to enroll for the tour by 25<sup>th</sup> September, 2023.

\*Submit fees for the tour: Rs. 400/- per student to Dr. Aafreen A. Ahmed.

  
Co-ordinator

Dr. Shafik Shaikh  
I/C Head





# POONA COLLEGE

## OF ARTS, SCIENCE & COMMERCE

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### Attendance Sheet

Date of Activity: 27/09/2023		Time: 7.30am to 5.00pm		
Activity Name	Educational visit to A-One Biotech, M.I.D.C., Talegaon	Coordinator Name		
		Dr. Aafreen A. Ahmed		
Department/Committee: Botany				
Number of Participants:				
Sr. No	Name	Class	Roll No	Sign of Participant
1.	Masira Bagwan	SYBSc	7688	
2.	Jessica Pinto	SYBSc	7707	
3.	Aishiya Shaikh	SYBSc	7705	
4.	Shahpare Rahmeen	SYBSc	7696	
5.	Ayesha K. Shaikh	SYBSc	7734	
6.	Tamboli Mahak	SYBSc	7714	
7.	Tahura Momin	SYBSc	7524	
8.	Azbina Sayyed	SYBSc	7506	
9.	Agesha Bagwan	"	7686	
10.	Bushra Khan	"	7692	
11.	Faiza Khan	"	7739	
12.	Muskan Kachi	"	7697	
13.	Khansa Sayyed	SY	7718	
14.	Alisha Tamboli	SYBSc	7733	
15.	Deepthi Badekar	"	7691	
16.	Mehak Shaikh	"	7689	
17.	Ayesha Maqsood	"	7516	
18.	Alfya Nadaf	SYBSc	7502	
19.	Shireen Shaikh	"	7501	
20.	Aalya Basim	"	7511	
21.	Aasiya Bagwan	"	7504	

Signature of Coordinator



# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE



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## Attendance Sheet

Date of Activity: 27/09/2023

Time: 7.30am to 5.00pm

Activity Name: Educational visit to A-One Biotech, M.I.D.C., Talegaon

Coordinator Name

Dr. Aafreen A. Ahmed

Department/Committee: Botany

Number of Participants:

Sr. No	Name	Class	Roll No	Sign of Participant
22.	Raaz Mulla	Sy BSc	7724	Raaz
23.	Amaan Syed	Sy-BSc	7704	Amaan
24.	Shahab Shaikh	Sy. BSc	7706	Shaikh
25.	I. Valsiphasa	Sy. BSc	7711	Valsiphasa
26.	Khan Mohammed	Sy. BSc	7688	Khan
27.	Ashutosh Deshmukh	Sy BSc	7702	Ashutosh
28.	Mohd. Saif	Sy. BSc	7723	Saif
29.	Salman Shaikh	Sy. B.Sc	77012	Salman
30.	Shaikh Shaheed	Sy. BSc	7725	Shaheed
31.	AHAD Ansari	Sy. BSc	7745	AHAD
32.	Arsheen Tajmohd.	Sy. BSc	7687	Arsheen
33.	Amina Salim Sayyed	Sy. BSc	7717	Amina
34.	Sakileha Farooque Shaikh	Sy. BSc	7695	Sakileha
35.	Sadiga Ansari	Sy. BSc	7693	Sadiga
36.	Ayman Patel	Sy BSc	7703	Ayman
37.	Shreya Usendi	Sy. BSc	7736	Shreya
38.	Hasthi Shifa	Sy. BSc	7713	Hasthi
39.	Suwalda Shaikh	Sy BSc	7737	Suwalda
40.	Umyra Kulsum Habeeb Syed	Sy BSc	7505	Umyra
41.	Hoshi kazi	Sy BSc	7741	Hoshi
42.	Sandhya Bagwan		7740	Sandhya

*Aafreen A. Ahmed*  
Signature of Coordinator





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principal@poonacollege.edu.in  
www.poonacollege.edu.in

Ref: PC/SC/Bot./Visit/ 695

Date: 27/09/2023

To,

**Mr. Dilip Jadhav**

Director,

A-One Biotech & Tissue Culture Laboratory,

(Horticulture Training Centre),

Talegaon, Pune - 411033.

**Subject:** Letter of Thanks

Respected Sir,

The staff and students of Department of Botany, Poona College, appreciate and thank you for permitting us to visit your esteemed training centre at M.I.D.C., Talegaon. The visit has indeed enriched our students with knowledge on cultivation of horticulture plants and entrepreneurship.

Yours sincerely,

Dr. Aftab Anwar Shaikh

PRINCIPAL

Poona College of Arts, Science & Commerce  
Camp, Pune-411001  
Principal Office



*[Handwritten signature]*  
A-one Biotech



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## ACTIVITY REPORT Academic Year: 2023-24

BASIC DETAILS			
<b>Title of the Activity: Visit to Mahabale Museum (Paleobotany Museum) SPPU.</b>			
<b>Date</b>	<b>Faculty</b>	<b>Department/ Committee</b>	<b>Coordinator Name &amp; Phone no.</b>
28/02/2024	Science	Botany	Ms. Nabila Shaikh; 9665091595
<b>Time</b>	<b>Venue</b>	<b>Activity for Class/Group</b>	<b>Nature: Co-curricular/Extra- curricular/Extension/Outreach</b>
12.00pm to 2.00pm	Department of Botany SPPU	T.Y. B.Sc.	Co-curricular

BRIEF INFORMATION OF THE ACTIVITY	
<b>Objectives</b>	<b>Experiential learning by visiting Paleobotany Museum.</b>
<b>Outcome</b>	<b>Students understood the difference between different types of fossils.</b>
<b>No. of Participants</b>	<b>08</b>

DOCUMENTS ATTACHED:		
<i>Note: Please attach original documents. Photocopy (Xerox) will not be accepted.</i>		
<b>Detailed Report</b>	<b>Geotagged Photos with Caption</b>	<b>Notice</b>
<b>Attendance</b>	<b>Letters if any (Permission)</b>	



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## DETAILED REPORT

### Visit to Mahabale Museum (Paleobotany Museum) SPPU, Pune.

**28/02/2024:** Paleobotany deals with the recovery and identification of plant remains from geological context. It provide clues about the evolutionary history of plants. Fossil represent plants buried in sediments of sand, clay or ash. Due to exclusion of air and the acidic nature of sediments, decay of the organic matter is reduced. The sediments harden to form sedimentary rocks. The various fossil types include – Compression, Impression, Casts and molds, Petrification/ Permineralization, Coal balls etc.

Mahabale Museum, Department of Botany SPPU, Pune has a well built museum, which depicts the changes in flora along the geological time scale. Its special features include fossil specimen and peels, besides wet and dry specimen of the plant kingdom. Most of the specimens represented in the T.S Mahabale Museum of Botany Department are from collections made by renowned paleobotanists like, Dr. K.R Surange and Dr. T.S Mahabale, their colleagues and students. Dr. Andrews, who worked as a lecturer in this department during 1960-61 also contributed to this collection.

Department of Botany, AKI's Poona College of Art's, Science & Commerce, Pune has organized a visit to Mahabale Museum, Department of Botany SPPU, Pune for T.Y.B.Sc Botany students. Students had observed different types of fossil specimens depicting its classification, geological time scale, age and locality or place of collection. Each fossil had been provided with its morphological and anatomical characteristics, few of the fossil specimens observed are-

- 1) Impression fossil- *Lycopodites*, *Sigillaria*, *Lepidodendron*, *Annularia* etc.





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- 2) Compression fossil- *Pecopteris*, *Marattiopsis macrocarpa*, *Cladophlebis* etc.
- 3) Petrification fossil- *Psaronius*, *Dadoxylon*, *Pentoxylon sahnii*, *Proaraucaria mirabilis* etc.
- 4) Pith cast fossil- Calamites, Paracalamites etc.

The educational visit helped students experience the past plant life in the form of fossil. In all 8 students benefitted from the visit under the supervision of staff Nabila Shaikh.





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**28/02/2024: T.Y.B.Sc Botany students observing fossil specimens.**



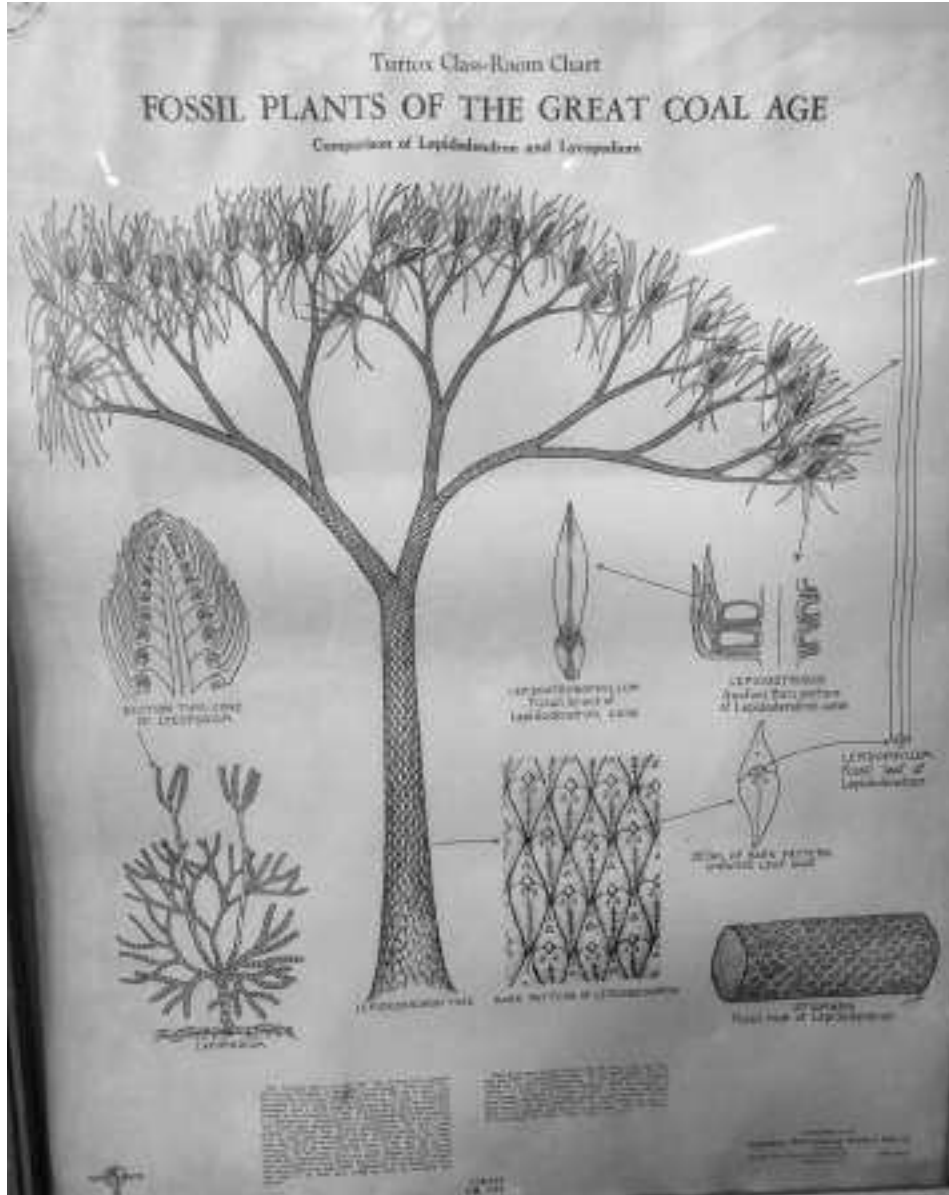
**28/02/2024: Different types of fossil specimens.**



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**28/02/2024: Different types of fossil specimens.**



28/02/2024: Morphological and anatomical representation of fossil plant from the Great Coal Age.

26/02/2024

To,  
The Principal,  
AKI's Poona College of Arts, Science & Commerce  
Camp, Pune - 01.

**Subject: Permission for visit to Mahabale Museum, Department of Botany, SPPU.**

Dear Sir,

As a part of curriculum, Department of Botany is planning for an educational visit to Mahabale Museum, Department of Botany, SPPU for T.Y. B.Sc Botany students on 28<sup>th</sup> February, 2024. As co-ordinator of the visit, I request you to grant permission for the same.

Thanking you.

Yours faithfully,

*Nabila Shaikh*

Ms. Nabila Shaikh  
Co-ordinator

*Forwarded*  
*[Signature]*  
*27/2/24*

*OK*  
*[Signature]*  
*27/2/2024.*



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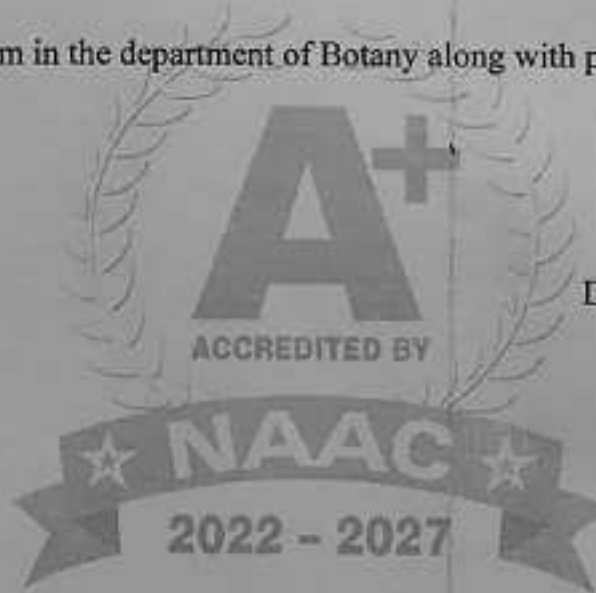
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## Department of Botany

Date: 26/02/2024

An educational visit to Mahabale Museum has been arranged for students of T.Y. B.Sc Botany on 28<sup>th</sup> February, 2024. Visit is compulsory for all students, report at 10:30 am in the department of Botany along with permission letter.



  
Dr. Shafikh Shaikh  
I/C Head







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**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busl. Admin.)  
PRINCIPAL



+91 98226 21579



dranwarshaikh@gmail.com

Ref: PC/SC/Bot/Visit/

Date: 26/02/2024

To,  
The Head,  
Department of Botany,  
Savitribai Phule Pune University,  
Pune - 411007

Subject: Regarding visit to Mahabale Museum on 28<sup>th</sup> February, 2024.

Respected Sir,

As per our telephonic conversation, staff of Department of Botany would like to visit your esteemed Mahabale Museum on 28<sup>th</sup> February, 2024, with T.Y. B.Sc. (Botany) students. This visit is a part of experiential learning to educate students in different types of fossils. Staff & students will definitely get enriched with knowledge and information by this visit. We look forward for a positive reply.

Yours sincerely,

Dr. Aftab Anwar Shaikh



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## ACTIVITY REPORT Academic Year: 2023-24

BASIC DETAILS			
<b>Title of the Activity: Visit to Department of Biotechnology, College of Agriculture, Shivajinagar, Pune.</b>			
<b>Date</b>	<b>Faculty</b>	<b>Department/Committee</b>	<b>Coordinator Name &amp; Phone no.</b>
26/03/2024	Science	Botany	Dr. Aafreen A. Ahmed; 9766209786
<b>Time</b>	<b>Venue</b>	<b>Activity for Class/Group</b>	<b>Nature: Co-curricular/Extra-curricular/Extension/Outreach</b>
10.00am to 4.30pm	Agriculture College, Shivajinagar.	S.Y. & T.Y. B.Sc.	Co-curricular

BRIEF INFORMATION OF THE ACTIVITY	
<b>Objectives</b>	To provide students with a deeper understanding of the principles and applications of plant tissue culture; its significance in agriculture, horticulture and biotechnology research.
<b>Outcome</b>	Students gained insights into tissue culture techniques, which will undoubtedly complement their academic learning.
<b>No. of Participants</b>	14

DOCUMENTS ATTACHED:		
<i>Note: Please attach original documents. Photocopy (Xerox) will not be accepted.</i>		
<b>Detailed Report</b>	<b>Geotagged Photos with Caption</b>	<b>Notice</b>
<b>Attendance</b>	<b>Letters if any (Invitation/Thanks)</b>	<b>Any other relevant Documents (Resource Person CV/Feedback)</b>



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## Detailed Report

### Visit to Plant Tissue Culture Laboratory, Department of Biotechnology, College of Agriculture, Pune.

**26/03/2024:** A group of second year and third year BSc Botany students, accompanied by faculty members, visited the Department of Biotechnology at College of Agriculture, Pune. The primary objective of the visit was to explore plant tissue culture laboratory and gain practical insights into tissue culture techniques.

The PTC laboratory situated in Agriculture College is a dedicated facility equipped with all the necessary instruments and equipment required for tissue culture experiments. The staff showed students around the entire laboratory to explain how sterile conditions essential for successful tissue culture procedures are maintained. Students were introduced to various components of the tissue culture laboratory, such as: laminar airflow cabinets, autoclaves, incubators, and microscopes. The faculty members demonstrated the process of aseptic technique, media preparation, and subculturing of plant tissues.

Students had the opportunity to interact with faculty members specializing in plant tissue culture and related research areas. Dr. Sharad Pawar, Head of the Department, shared his experiences and insights into the applications of tissue culture in crop improvement, propagation of elite varieties, and conservation of plant biodiversity. He gave examples of intervarietal hybrids and embryo rescue that he worked on in his research projects in his tenure of 30 years. The interaction encouraged students to explore potential research avenues and career opportunities in the field of biotechnology.



Anjuman Khairul Islam's  
**POONA COLLEGE**  
**OF ARTS, SCIENCE & COMMERCE**  
Camp, Pune – 411001 (Maharashtra)  
**(AFFILIATED TO SAVITRIBAI PHULE PUNEUNIVERSITY)**

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The visit provided students with a deeper understanding of the principles and applications of plant tissue culture. They learned about the significance of tissue culture in agriculture, horticulture, and biotechnology research.

This visit to the plant tissue culture laboratory at the Department of Biotechnology, Agriculture College, Pune, was both educational and enriching.

14 students visited the facility with staff of Department of Botany, Dr. Aafreen A. Ahmed & Miss Nabila Shaikh.





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## GEOTAGGED PHOTOS WITH CAPTIONS



**26/03/2024: Dr. Sharad Pawar, Head, Department of Biotechnology, explaining the need of Autoclave in PTC.**



**26/03/2024: Students observing Inoculation room.**



**26/03/2024: Dr. Sharad Pawar sharing his experiences during research in Plant breeding.**



**26/03/2024: Students and staff at College of Agriculture, Shivajinagar, Pune.**

Date: 22/03/2024

To,  
The Principal,  
AKI's Poona College of Arts, Science & Commerce  
Camp, Pune-01.

**SUBJECT: Permission for visit to College of Agriculture, Pune.**

Respected Sir,

The staff and students of S.Y. & T.Y. B.Sc (Botany) students would like to visit the Tissue Culture Laboratory and Plant Breeding Centre at Agriculture College, Shivajinagar, Pune, on the 26<sup>th</sup> of March, 2024 (Tuesday). I request you to grant permission for the same. Miss Nabila Shaikh will be accompanying in the visit.

Thanking you.

Yours faithfully,



Dr. Aafreen A. Ahmed  
Co-ordinator.

Forwarded  
B. N. N. S.  
22/03/24.

Granted  
permission  
subject to  
Student's Undertaking.  
22/3



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# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

• Affiliated to Savitribai Phule Pune University: ID No PUPN/ASC/023/1970

• Junior College Index No: J-11.15.004

• Government of Maharashtra and Savitribai Phule Pune University Recognized Minority Institute

• UGC - 2(f) & 12 (B) Status • NAAC Re-accredited College • DST - FIST Funded College



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Pune - 411001, (MS), India



+91-20-2645 4240 / 2644 6319.



www.poonacollege.edu.in  
principal@poonacollege.edu.in

## Department of Botany

### NOTICE

Date: 22/03/2023

An Educational Visit to College of Agriculture, Shivajinagar, Pune, has been arranged for SY and TY B.Sc (Botany) students on **26<sup>th</sup> March, 2024**. All students of S.Y and T.Y. B.Sc. (Botany) are hereby informed to fill undertaking forms and submit them by 23<sup>rd</sup> March, 2024 to Miss Nabila Shaikh.

**Reporting time at college gate: 10.00am.**

Dr. Aafreen A. Ahmed  
Faculty in charge

Dr. Shafik Shaikh  
I/C Head,  
Department of Botany







# POONA COLLEGE

## OF ARTS, SCIENCE & COMMERCE

Camp, Pune - 411001 (Maharashtra)

[AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY]



### Attendance Sheet

Date of Activity:	26-03-2024	Time:	10am - 4:30pm
Activity Name:	Visit to College of Agriculture, Shivajinagar.	Coordinator Name:	Dr. Afreen A. Ahmed
Department/Committee:	BOTANY		
Number of Participants:			

Sr. No.	Name	Class	Roll No	Sign of Participant
1	Soyyed Azbiya Afzal	TY-BSC	7959	Azbiya
2	Kheer Asiyah Warisim	TY-BSC	7960	Asiyah
3	Rubina Malik Nadaf	TY-BSC	7962	Rubina
4	Shaukh Alfiya Aarif	TY-BSC	7961	Alfiya
5	Soyyed Amalisha Bilal	TY-BSC	7953	Amalisha
6	Pansare Ayesha Mohammed	TY-BSC	7954	Ayesha
7	Anshiya Murtaza Shaikh	SYBSc	7705	Anshiya
8	Jessica Philip Pinto	SYBSc	7707	Pinto
9	Amaan Sabir Sayyad	"	7704	Sayyad
10	Aayan I. Khan.	"	7702	Aayan
11	Salman Shaikh.	"	7700	Salman
12	Swaleha Shaikh	"	7737	Swaleha
13	Ayman Patel		7703	Ayman
14	Shifa Magsood Hashmi		7713	Shifa
				TOTAL = 14

*Afreen A. Ahmed*  
Signature of Co-ordinator





Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

75  
Azadi Ka  
Amrit Mahotsav

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2644 6319.



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www.poonacollege.edu.in

**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busl. Admin.)  
PRINCIPAL



+91 98226 21579  
dranwarshaikh@gmail.com

Ref: PC/SC/Bot./Visit/ 936 /2023-24

Date: 23/03/2024

To,

Dr. Sunil Dnyaneshwar Masalkar

Associate Dean,  
College of Agriculture,  
Pune- 411005

**Subject: Permission to visit your Institute as part of Experiential Learning..**

Respected Sir,

As per our telephonic conversation, staff of Department of Botany would like to visit your esteemed Institute on 26<sup>th</sup> March, 2024 with S.Y and T.Y.B.Sc. (Botany) students. This visit is a part of Experiential Learning that will educate students for techniques in Plant Tissue Culture and Plant Breeding. Students will definitely get enriched with knowledge and information by this visit. We look forward for a positive reply.

Yours Sincerely,

**Dr. Aftab Anwar Shaikh**

Principal  
Poona College of Arts, Science & Commerce  
Camp, Pune-411001  
Principal Office





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# POONA COLLEGE

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Camp, Pune - 411001 (Maharashtra)

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## ACTIVITY REPORT

Academic Year: 2023-24

BASIC DETAILS			
Title of the Activity: Educational Trip to IUCAA, SPPU, Pune			
Date	Faculty	Department/ Committee	Coordinator Name & Phone no.
28/02/2024	Science	Mathematics	Munzarin Sajjan (9623168323)
Time	Venue	Activity for Class/Group	Nature: Co-curricular/ Extra-curricular/Extension/Outreach
10.00am	SPPU	S.Y/T.Y.B.Sc	Co-curricular

BRIEF INFORMATION OF THE ACTIVITY	
Objectives	To realize the importance of Mathematics and to create Scientific temper among the students.
Outcome	14 students were participated. They enjoyed with Knowledge and realize the role of Mathematics in Space Science, magnetic field and Relativity. They got idea about Mini Science project.
No. of Participants	14

DOCUMENTS ATTACHED:		
<i>Note: Please attach original documents. Photocopy (Xerox) will not be accepted.</i>		
Detailed Report	Geotagged Photos with Caption	Notice/Brochure
Attendance	Letters if any (Invitation/Thanks)	Any other relevant Documents (Recourse Person CV/Feedback)



Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

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## DETAILED REPORT

Department of Mathematics had organized an educational trip to IUCAA, SPPU, pune on 28<sup>th</sup> February ,2024 for S.Y/T.Y.B.Sc students. Around 14 students from S.Y/T.Y.B.Sc participated in educational trip.

The purpose of the educational trip to IUCAA was to provide students with an immersive experience in the field of astronomy and astrophysics. The trip aimed to broaden our understanding of the cosmos, expose us to cutting-edge research facilities, and inspire interest in the sciences.

At IUCAA there were many models displayed such as chandrayan-3 model, astrosat model, live solar telescope, aditya L1 model etc. All these models are very well explained by the volunteers. After explanation there was a discussion held between our students and volunteers.

Apart from these, demonstrations gave related to gravitational waves, Black Holes, Quantum Technologies, LIGO-India and many more.

The science models by winners of school students competitions were displayed in chandrasekhar auditorium foyer. Also a lecture series on different topics related to astronomy were organized at chandrasekhar auditorium from 10.00am to 5.00pm. Posters related to astronomy and astrophysics and research at IUCAA are presented.

Dr. Amjad Shaikh, Ms. Munzarin Sajjan and Ms.Malika Muakdam accompanied the trip. The trip to IUCAA was a resounding success, providing students with a transformative learning experience in the field of astronomy and astrophysics. The trip not only enriched students' academic knowledge but also sparked curiosity, fostered critical thinking skills, and inspired passion for scientific inquiry. We extend our sincere gratitude to IUCAA for hosting an engaging and informative educational experience.



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**GEOTAGGED PHOTOS WITH CAPTIONS**



**Group Photo at AUCAA**



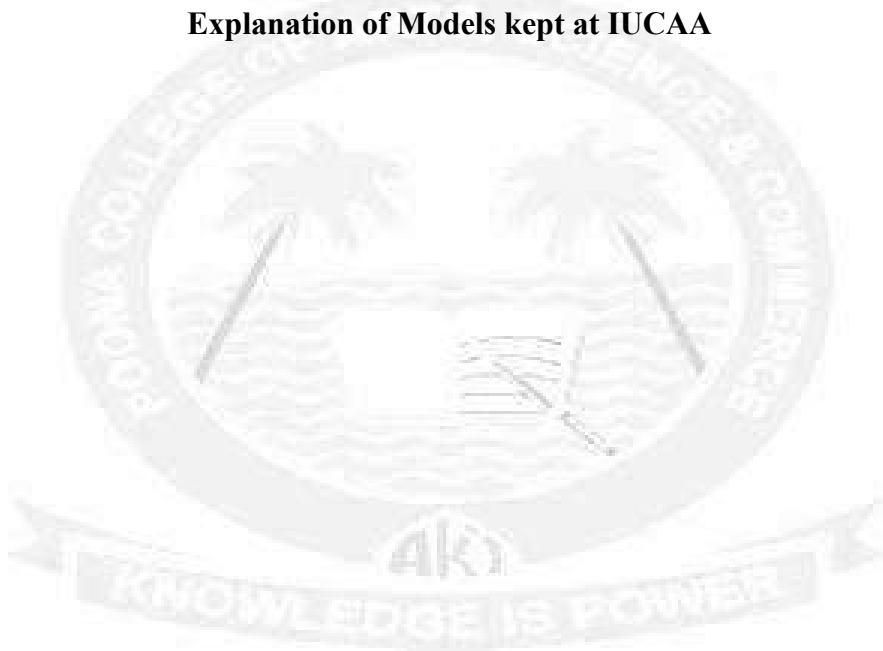
**Different Models explanation by volunteers**



Anjuman Khairul Islam's  
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**Explanation of Models kept at IUCAA**





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dranwarshaikh@gmail.com

**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Dist. Adm.)  
PRINCIPAL

## Department of Mathematics

# NOTICE

Date: 27/02/2024

All the students of S.Y/T.Y.B.Sc. (Mathematics) are hereby informed that the Department of Mathematics wish to organize an educational trip on **28<sup>th</sup> Feb 2024** at IUCAA, Pune on the occasion of "National Science Day" from 10:00 am to 05:30 pm. All the concern students are advised to report in the department of mathematics by 9.30am.

**Dr. Amjad Shaikh**

**Head, Dept. of Mathematics**

**Head Department of Mathematics**

Anjuman Khairul Islam's

**Poona College**

of Arts, Science and Commerce,  
Camp, Pune - 411001





Date: 27/02/2024

To,  
The Principal,  
Poona College of Arts, Science and Commerce.  
Pune - 01


**Subject: Permission to visit IUCAA, Pune on 28<sup>th</sup> Feb 2024, on the occasion of "National Science Day".**

Respected Sir,

Department of Mathematics wish to organize an educational trip at IUCAA, Pune on the occasion of "National Science Day" for the students of S.Y/T.Y.B.Sc (Mathematics) from 10:00 am to 05:30 pm. The objective of this visit is to explore the students in popular science lectures, demonstrations, quiz contest, screening of scientific films and research carried out in IUCAA. This tour will be beneficial and knowledgeable to the students. Kindly grant the permission for the same and oblige.

Thanking You

  
**Mrs. Munzarin Sajjan**  
Coordinator

  
**Dr. Amjad Shaikh**  
Head, Dept. of Mathematics

Forwarded  
B. (Coord)  
27/2/24

Permission  
granted  
Subject to student  
undertaking.  
27/2/24



सावित्रीबाई फुले पुणे विद्यापीठ  
(पूर्वीचे पुणे विद्यापीठ)  
भौतिकशास्त्र विभाग



गणेशखिंड पुणे - ४११ ००७  
दूरध्वनी क्र.: (०२०) २५६९२६७८/२५६९९००२/२५६९९००९  
विस्तारित क्र.: २०६/२०२/२२२  
फॅक्स : (०२०) २५६९९६८९


SAVITRIBAI PHULE PUNE UNIVERSITY  
(formerly University of Pune)  
DEPARTMENT OF PHYSICS

Ganeshkhind, Pune - 411007.  
Tel.No. : (020) 25692678/25699072/25691709  
Fax : (020) 25691684  
E-mail : [dephysics.umpune.ac.in](mailto:dephysics.umpune.ac.in)  
Website : <http://physics.umpune.ac.in>

Date: 08/03/2018

**TO WHOMSOEVER IT MAY CONCERN**

Dr. Fakir Mohammad D. Altar, Assistant Professor, Department of Physics of AKIS Pooma College, Camp, Pune-01 is having a collaboration with me for carrying out research work in the Department of Physics, Savitribai Phule Pune University, Pune-07, since 12/12/2009. Moreover, he is allowed to use the research facilities such as 14 MeV Neutron Generator, Microtron- 8 MeV electron accelerator, Low energy electron facility, Radiation environment system, Gamma ray spectroscopy, etc of Department of Physics, Savitribai Phule Pune University to carrying out his research work. He is also contributed to develop the 14 MeV Neutron Generator and some codes such as TALYS, EMPIRE, etc for the nuclear reaction studies.

  
Sanjay D. Dhole  
**Professor**  
Department of Physics  
Savitribai Phule Pune University  
Pune - 411 007

Principal :

**Dr. Girish Rajaram Pathade**  
M.Sc. M.Phil. Ph.D.  
Telephone : (Prin.) (O) : 2445 3814  
(O) : 2445 8373



THE PUNA GUJARATI KELAWANI MANGAL'S  
**HARIBHAI V. DESAI COLLEGE**

Arts, Science & Commerce,  
Affiliated to Savitribai Phule Pune University  
(Linguistic Minority Institution)  
IO-N6, PU/TPH/ASC/057/(1984)  
(NAAC-RI - Accredited A Grade)

Desai Brothers' Vidya Bhavan, 596, Budhwar Path, Pune - 411 002.

Ref. No.: HVD/IC/283/2017

Date: 29/04/2017

### NO OBJECTION CERTIFICATE

This is to certify that **Dr. Fakir Mohammad Dastagir Attar** working as an Assistant Professor in Physics in Pooná College, Pune is associated with **Research Center of Physics, Haribhai V. Desai College, Pune** to guide Ph.D. students.

We do not have any objection about him for guiding M.Phil/ Ph.D. students at our research center.

Rules, regulations and financial aspects are as per the norms of our institute and Savitribai Phule Pune University (SPPU), Pune.

The letter is provided for your information.

**Dr. G. R. Pansare**  
Head  
Department of Physics  
H.V.Desai College, Pune-02

**Dr. G. R. Pathade**  
Principal  
H.V.Desai College, Pune-02



॥ Tamaso Ma Jyotirmay ॥  
Balghat Shikshan Sanstha, Naldurg's

## YESHWANTRAO CHAVAN MAHAVIDYALAYA

Tuljapur, Dist. Osmanabad  
NAAC Re-accredited - 'B' Grade  
yescollege@gmail.com



**I/c Principal: Prof. Dr. Anil R. Shitre**

**Mobile No.: 9423758398**

**Date: 01.07.2022**



### TO WHOMSOEVER IT MAY CONCERN

Dr. Fakir Mohammad Attar, Associate Professor & Head, Department of Physics, AKTS  
Poona College of Arts, Science & Commerce Camp, Pune-01 is having collaboration  
with Prof. Dr. Anil R. Shitre, I/c Principal and Head Department of Physics,  
Yeshwantrao Chavan Mahavidyalaya, Tuljapur, Dist. Osmanabad since 15/06/2022.  
Moreover, he is allowed for carrying out research work in the Department of Physics.

  
**Head**  
Department of Physics  
Yeshwantrao Chavan  
Mahavidyalaya, Tuljapur

  
**Principal**  
Yeshwantrao Chavan Mahavidyalaya,  
Tuljapur, Dist. Osmanabad.

Dated: 22-Nov-2019

**ORDER**

Subject: Financial Sanction under Teachers Associationship for Research Excellence (TARE) to Dr. Parvez AbdulAp) Shaikh, Pooona College Of Arts Science & Commerce, Camp, Pune, Pune, Maharashtra-411001 - under the mentorship of Dr. Rupesh S Devan, at Indian Institute of Technology, Indore Khandwa Road, Simrol, Indore - 453552. Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned grant at a total cost of Rs. 18,30,000/- (Rs. Eighteen Lakh Thirty Thousand Only) for a duration of 36 months. The date of start of the project will be 05 November, 2019. The items of expenditure for which the total allocation of Rs. 18,30,000/- has been approved are given below:

The following budget is proposed for:

**Pooona College Of Arts Science & Commerce, Camp, Pune, Pune, Maharashtra-411001 (Parent)**

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 0/- (90/- per month) (consolidated)
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

**Indian Institute of Technology, Indore Khandwa Road, Simrol, Indore - 453552 (Host)**

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 60,000/- on completion of 90 days mandatory attendance in the host institute every year
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

2. Sanction of the SERB is also accorded to the payment of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only) to Pooona College Of Arts Science & Commerce, Camp, Pune, Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) to Indian Institute of Technology, Indore Khandwa Road, Simrol, Indore - 453552 being the first installment of the grant for the year 2019-2020 for implementation of the said research project.

3. The expenditure involved is debitable to

**Fund for Science & Engineering Research (FSER)**

This release is being made under Teachers Associationship For Research Excellence (TARE), (Condensed Matter Physics and Materials Science)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. SERB/T/6011/2019-2020 dated 20 November, 2019.

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in)).

6. Overhead expenses are meant for the host institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. As per rule 20 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The release amount of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below.

**Pooona College of Arts Science & Commerce, Camp, pune, Pune, Maharashtra-411001 (Parent Institute):**

PFMS Unique Code	PCASC
Account Name	Prineigal A/KI Pooona College UGC Grant A/c
Account Number	20058401496
Bank Name & Branch	Bank of Maharashtra Camp Branch, Camp, Pune-411001
IFSC/RTGS Code	MAHB0000076
Email address of PI	parvezshaikh0@gmail.com
Email id of A/C Holder	shaikhbqhaln@gmail.com
Email address of concerned officer	ms_tare@serbonline.in

The release amount of Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below.

Indian Institute of Technology, Indore Khandwa Road, Simrol, Indore - 453552 (Host Institute) :

PFMS Unique Code	IIITIND
Account Name	Registrar IIT Indore
Account Number	1476101027440
Bank Name & Branch	Canara Bank IIT Indore, Simrol Campus Branch, Indian Institute of Technology Indore, Khandwa Road, Simrol 453 552.
IFSC/BTGS Code	CNRB0006223
Email address of PI	parvezshaikh0@gmail.com
Email id of A/C Holder	dirind@iit.ac.in
Email address of concerned officer	ms_late@serbonline.in

9. Both the institutes will furnish Utilization certificate (U/Cs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

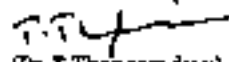
11. The File no. TAR/2019/000106 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

12. As this is the first grant for the fellowship, no previous U/C is required.

13. The institute may refund any unspent balance to SERB by means of a Demand Draft (avoting 'FUND FOR SCIENCE AND ENGINEERING RESEARCH' payable at New Delhi).

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

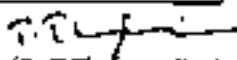
15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

  
(Dr. T. Thangarajou)  
Scientist E  
ms\_late@serbonline.in

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.O. Building, 6th Floor I.P. Estate, Delhi-110002.
2.	Sanction Holder, SERB, New Delhi.
3.	File Copy
4.	(i) Dr. Parvez AbdulAji Shaikh PHYSICS Poona College of Arts Science & Commerce, Camp, Pune, Maharashtra-411001 Email: parvezshaikh0@gmail.com Mobile: 919511070268  (ii) Dr. Rupesh S. Devab Indian Institute of Technology, Indore Khandwa Road, Simrol, Indore - 453552  (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .)
5.	(i) Principal, Poona College Of Arts Science & Commerce, Camp, Pune  (ii) Director Indian Institute of Technology, Indore Khandwa Road, Simrol, Indore - 453552  (Receipt of Grant may be intimated by name to the undersigned)

  
(Dr. T. Thangarajou)  
Scientist E  
ms\_late@serbonline.in



Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

Camp, Pune – 411001 (Maharashtra)  
(AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY)



## ACTIVITY REPORT Academic Year: 2023-24

BASIC DETAILS			
<b>Title of the Activity: Outreach Program: One Day Educational Trip to AKI's Urdu Medium School , Mahableswar</b>			
Date	Faculty	Committee/ Department	Coordinator Name & Phone no.
27 <sup>th</sup> January,2024	Science	IQAC and Mathematics	Prof. Namira Nasir Shaikh 8080193038 Co-coordinator:- Prof.Pradip Jagdale 9960676511
Time	Venue	Activity for Class/Group	Nature: Co-curricular/ Extra- curricular/Extension/Outreach
One Day (6:00 am to 10:00 pm)	Y & M A.K.I Orphanage , Mahbleswar	S.Y/T.YB.Sc (Maths) and S.Y.B.Sc (Computer Science) 43 students	Co-curricular

BRIEF INFORMATION OF THE ACTIVITY	
Objectives	<ul style="list-style-type: none"><li>To encourage and motivate students for higher studies .</li><li>To realize the importance of Mathematics.</li><li>This one-day educational trip aimed to share knowledge and understanding of mathematical concepts through engaging activities and spark interest and appreciation for mathematics among students</li></ul>
Outcome	A variety of engaging activities that were designed to pique the students interest in mathematics were included in the program as it developed . A platform for active participation and a enjoyable learning experience . The college students readily imparted their expertise and enthusiasm for the Mathematics as mentor and guides .
No. of Participants	43 Students of S.Y./T.Y.B.Sc and S.Y.B.Sc(Computer Science) have participated and had an amazing experience.

DOCUMENTS ATTACHED:		
<i>Note: Please attach original documents instead of photocopy (Xerox)</i>		
Detailed Report	Geotagged Photos with Caption	Notice/Brochure
Attendance	Letters if any (Invitation/Thanks)	Any other relevant Documents (Recourse Person CV/Feedback)



Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

Camp, Pune – 411001 (Maharashtra)

(AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY)



## DETAILED REPORT

On January 27, 2024, the Department of Mathematics, in collaboration with IQAC, embarked on an enriching outreach program. As part of this initiative, 43 enthusiastic students from SYBSc, SYBSc (CS), and TYBSc mathematics, accompanied by 5 staff members, ventured to AKIs Urdu School in Mahabaleshwar.

This one-day educational trip aimed to share knowledge and understanding of mathematical concepts through engaging activities and spark interest and appreciation for mathematics among students at the Urdu school. The program unfolded with a variety of captivating activities, specifically tailored to ignite the students' curiosity towards mathematics. Interactive games, problem-solving challenges, and creative math projects provided a platform for active participation and a fun learning experience. The college students served as mentors and guides, readily sharing their knowledge and passion for the subject.

Some various types of activity were taken from class I to class X. Some activities are mentioned below as:-

Students from 1st to 4th grade have fun playing puzzles, number games, glass games, storybooks, fantasy texts, and many more fun and informative activities. From fifth to ninth grade, they are encouraged and taught how to use mathematics in many different ways through activities such as quizzes, riddles, puzzles, image recognition, Guess the Scientist, and more. Adding upto above point a student from S. Y. B. Sc( Computer Science) delivered a short career guidance lecture for class XI students. Also in class X students of T. Y. B. Sc took a various interesting activity one of them was teaching small tricks of Vedic mathematics and many more in formative and fun activity. Last but not least, Dr. Amjad Shaikh, the head of the department, spoke to class XII students, sharing his life's experiences and advising them on future career paths.

The outreach program at AKIs Urdu School proved to be a resounding success. Not only did it spark interest in mathematics among the school students, but it also provided a valuable learning experience for the college students. Additionally, students have generously donated Rs. 52,590 to the school. This contribution comprises notebooks, school bags, and food items. This program was coordinated by Ms. Namira Shaikh.

Department of Mathematics express deepest gratitude to Principal and staff members of Urdu medium school, Mahabaleshwar for the incredible support and hospitality extended to us during our outreach program.

Department of Mathematics express sincere gratitude to Principal Prof (Dr.) Aftab Anwar Shaikh, Vice Principal, IQAC coordinator Dr. Iqbal Shaikh and Head of Department (Dr.) Amjad Shaikh for their invaluable guidance, unwavering support, and meticulous arrangements that made the outreach program at AKI school a resounding success. My thanks also extend to the dedicated department staff members whose hard work and commitment were instrumental in its smooth execution.





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### GEOTAGGED PHOTOS WITH CAPTIONS



**Group Photo of Y& M AKI's Urdu Medium School , Mahableshwar**



**Interacting with students**



**4 Picture one word game**



**Activity of picture reorganising**



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**Carer Guidance Lecture**



**Outdoor Game**





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- Junior College Index No: J-11.15.004
- Government of Maharashtra and Savitribai Phule Pune University Recognized Minority Institute
- UGC - 2(f) & 12 (B) Status • NAAC Re-accredited College • DST - FIST Funded College



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Pune - 411001. (MS), India



+91-20-2645 4240 / 2644 6319.



www.poonacollege.edu.in  
principal@poonacollege.edu.in

## Department of Mathematics NOTICE

Date: 09/01/2024

Educational Excursion at Y & M Orphanage, Mahabaleshwar  
under "Outreach Program"

All the students of S.Y/T.Y.B.Sc. and S.Y.B.Sc(C.S) are hereby informed that the Department of Mathematics is going to organize an Educational Excursion at Y & M Orphanage, Mahabaleshwar, and to conduct an activity on "Interactive Math Games: Engaging students with fun and educational math games that make learning enjoyable" for school students as a departmental "Outreach Program" tentatively in the **third week of Jan, 2024**. The interested students are advised to submit their names to Ms. Namira Shaikh / Mr. Pradip Jagdale on or before 13<sup>th</sup> Jan, 2024.

Coordinator:

- 1) Mrs. Shaheen Khan

Co-coordinators:

- 2) Ms. Namira Shaikh
- 3) Mr. Pradip Jagdale

H. O. D.

Dept. of Mathematics

Head Department of Mathematics

Anjuman Khairul Islam's  
Poona College  
of Arts, Science and Commerce,  
Camp, Pune - 411001

Vice Principal  
Poona College

Principal  
Poona College



Y&M ANJUMAN KHAIRUL ISLAM'S  
 POONA COLLEGE OF ARTS, SCIENCE & COMMERCE, PUNE  
 DEPARTMENT OF MATHEMATICS

Attendance Sheet

Y&M Orphanage Mahableshwar

Date:- 27<sup>th</sup> January 2024

Sr.No	Name	Class	Morning	Evening
①	Afifa Shaikh	SYBSc(CS)	Afifa	Afifa
2	Fatima Shaikh	SYBSc(CS)	Fatima	Fatima
3	Rabiya Shaikh	SYBSc(CS)	Rabiya	Rabiya
4	Ayesha	SYBSc(CS)	Ayesha	Ayesha
5	Zainab	SYBSc(CS)	Zainab	Zainab
6	Rehan Riya Khan	SYBSc(CS)	Rehan	Rehan
7	Tanvir Kamar Parkar	SYBSc(CS)	Tanvir	Tanvir
8	Mohammad Lukman	SYBSc(CS)	Mohammad	Mohammad
9	Laik Kazi	SYBSc(CS)	Laik	Laik
10	Kaif Ali	SYBSc(CS)	Kaif	Kaif
11	Umer Memon	SYBSc(CS)	Umer	Umer
12	Masira Shaikh	SYBSc(CS)	Masira	Masira
13	Iqra Shaikh	SYBSc(CS)	Iqra	Iqra
14	Afrid Shaikh	SYBSc(CS)	Afrid	Afrid
15	Saniya Mulani	SYBSc(CS)	Saniya	Saniya
⑩	Afrida Mulla	SYBSc(CS)	Afrida	Afrida
17	Iqra Baig	SYBSc(CS)	Iqra	Iqra
18	Saqib Shaikh	SYBSc(CS)	Saqib	Saqib
19	Zikra Shaikh	SYBSc(CS)	Zikra	Zikra
20	Iptisam Inamdar	SYBSc(CS)	Iptisam	Iptisam
21	Wajeed Shaikh	SYBSc(CS)	Wajeed	Wajeed
22	Saad Nadaf	SYBSc(CS)	Saad	Saad
23	Armaan	SYBSc(CS)	Armaan	Armaan
24	Afiya Shaikh	SYBSc(CS)	Afiya	Afiya
25	Yahya Shaikh	SYBSc(CS)	Yahya	Yahya
26	Faraz Mukadam	SYBSc(CS)	Faraz	Faraz
27	Kashaf Shiledar	SYBSc(CS)	Kashaf	Kashaf
28	Sara Shaikh	SYBSc(CS)	Sara	Sara

29	Asma Mujawar	TYBSc	<del>Asma</del>	<del>Asma</del>
30	Pinjari Sohel	TYBSc	<del>Pinjari Sohel</del>	<del>Pinjari Sohel</del>
31	Sulemani Shahalam	TYBSc	<del>Shahalam</del>	<del>Shahalam</del>
32	Masira Khan	TYBSc	<del>Ms</del>	<del>Ms</del>
33	Nikita Kaknale	TYBSc	<del>Nikita</del>	<del>Nikita</del>
34	Khadija Shaikh	TYBSc	<del>Khadija</del>	<del>Khadija</del>
35	Iqra Zakir Shaikh	SYBSc	<del>Iqra</del>	<del>Iqra</del>
36	Hinda Khan	SYBSc	<del>Hinda</del>	<del>Hinda</del>
37	Fida Shaikh	SYBSc	<del>Fida</del>	<del>Fida</del>
38	Parvez Qureshi	SYBSc	<del>Parvez</del>	<del>Parvez</del>
39	Zaid Khan	SYBSc	<del>Zaid</del>	<del>Zaid</del>
40	Mastudun	SYBSc	<del>Mastudun</del>	<del>Mastudun</del>
41	Haamid Inamdar	SYBSc(CS)	<del>Haamid</del>	<del>Haamid</del>
42	Azrah Sayyed	SYBSc(CS)	<del>Azrah</del>	<del>Azrah</del>
43	Ahmed Khonzada	SYBSc(CS)	<del>Ahmed</del>	<del>Ahmed</del>

Mastudun

Mastudun Sayyed

Date: 04/01/2024

To,  
The Principal,  
AKI's Poona College of Arts, Science and Commerce  
Pune - 01

**Subject:** Regarding **Permission to visit Y & M Orphanage**, Mahableshwar and to conduct an activity on "**Interactive Math Games: Engaging students with fun and educational math games that make learning enjoyable**" for school students as a departmental "**Outreach Program**" tentatively in the third week of Jan, 2024.

Respected Sir,

Department of Mathematics is willing to organize educational visit to **Y & M Orphanage**, Mahableshwar, and to perform an activity by students of S.Y/T.Y.B.Sc/B.Sc.(Computer Science) on "**Interactive Math Games: Engaging students with fun and educational math games that make learning enjoyable**" for school students under "**Outreach Program**". This activity will create interest in the students towards mathematics and boost up their self-confidence. You are requested to kindly grant the permission for the same and oblige.

Coordinator:

1) Mrs. Shaheen Khan

Co-coordinators:

2) Ms. Namira Shaikh

3) Mr. Pradip Jagdale

Thanking You,

Yours Sincerely,



Dr. Amjad Shaikh

Head, Dept. of Mathematics

Forwarded  
Blam  
4.1.24

Ok. granted  
2/1/24





Anjuman Khairul Islam's

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**Professor Dr. Aftab Anwar Shaikh**  
M.Com, Ph.D (Busi. Admin.)  
PRINCIPAL



+91 98226 21579



dranwarshaikh@gmail.com

## Department of Mathematics

Date: 23/01/2024

To  
The Chief Officer  
Hill Station Municipal Council  
Mahabaleshwar

Subject: Student-visitor Concession for Educational Visit.

Sir,

We are pleased to inform that 40 Students from SYBSc/SYBSc(CS)/TYBSc Mathematics of Poona College of Arts, Science and Commerce, Pune are visiting to Y & M Orphanage Mahabaleshwar for Educational Trip on 27th January 2024.

Kindly provide Concession to our student-visitors.

Thanking you,

Yours Faithfully

Prof. (Dr.) Aftab Anwar Shaikh

Principal

PRINCIPAL

Poona College of Arts, Science & Commerce  
Camp, Pune-411001  
Principal Office







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**ACTIVITY REPORT**

(2023- 2024)

**I. Basic Details:**

<b>Name of The Activity: Educational Visit to Central Bee Research and Training Institute (CBRTI), Shivajinagar, Pune</b>			
<b>Date</b>	<b>Faculty</b>	<b>Department/ Committee</b>	<b>Coordinator Name &amp; Phone no.</b>
31/10/2023	Science	Zoology	Mrs. Anjum M. Pathan (9890485569)
<b>Time</b>	<b>Venue</b>	<b>Activity for class/ group &amp; student number</b>	<b>Nature: Academic/co-curricular / extracurricular/ Environmental/ social/ other</b>
11:00 am. Onwards	Central Bee Research and Training Institute, Shivajinagar, Pune	M.Sc. Zoology 20	Co-curricular

**II. Brief Information about the Activity (Criterion no - Experiential learning )**

<b>Topic/ Subject of the activity</b>	<b>To Study Artificial Beekeeping</b>
<b>Objective for conducting the activity</b>	<b>To study the Beekeeping Equipments. To Study the different species of Honeybee useful for Apiculture. To study the entire process of Artificial Beekeeping practically.</b>
<b>Methodology</b>	<b>Live demonstration of bee colony by Technical Assistant of (CBRTI) Demonstration of Beekeeping Equipment in Museum.</b>
<b>Outcome</b>	<b>Students learned about:</b> <ul style="list-style-type: none"><li>• Identification of different species of Honeybee useful for Artificial Beekeeping.</li><li>• Students learned handling techniques for different species of honey bee &amp; importance of apiculture.</li><li>• Different techniques used in maintaining apiary.</li></ul>

**III. Proofs attached: letters/ student list of participation/ certificate/ document/photos/ any other**

<b>1. Permission letter</b>	<b>2. Student Attendance</b>	<b>3. Brief Activity report</b>
<b>4. Activity Photographs</b>	<b>5. Notice</b>	

To,  
The Principal,  
A.K.J's Poona College,  
Camp, Pune-411001  
Date: 30/10/2023

**Subject: M. Sc. II Zoology Excursion visit to Central Bee Research & Training Institute,  
Pune**

Respected Sir,

As per the syllabus of SPPU, M.Sc.-II Zoology students have compulsory excursion visit to study beekeeping techniques. The required rules & regulations prescribed by U.G.C and Savitribai Phule Pune University related to organizing excursion visit for students will be followed by making all necessary arrangements. The one day visit scheduled on 31/10/2022.


You are requested to kindly grant the permission.

THANKING YOU!

Yours Faithfully,

  
Dr. Mujeeb A.J. Shaikh  
Head, Department of Zoology

Incharge Teacher:

Mrs. Anjum M. Pathan 

*Subject to  
Students undertaking  
30/10/23*



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www.poonacollege.edu.in

**Professor Dr. Aftab Anwar Shaikh**

M.Com, Ph.D (Busi. Admin.)

PRINCIPAL

To

The Office In charge

Central Bee Research and Training Institute,  
Shivajinagar Pune-411005

+91 98226 21579

dranwarshaikh@gmail.com

Date: 30/10/2023

Sir,

As per syllabus of SPPU Pune, M.Sc Zoology Students have compulsory Educational Visit to study beekeeping techniques.

We request your cooperation and guidance to our students about the various aspects related to beekeeping.

Kindly give us suitable date and time as per your convenience.

Thanking you,

Yours Faithfully

Dr Mujeeb A.J. Shaikh  
Head, Department of Zoology

**Head**

Department of Zoology  
Poona College of Arts, Science  
and Commerce, Camp-Pune-1

Permitted

visit on - 31st Oct 2023 at 11.00 am.

(Signature)





23\_24 M.Sc.-II Zoology PC

Iqra Ansari M., Khan Ayesha Begum T.,...



**For more det** 30 October 2023 **: Zoheb**  
**(9372011151)**

12:01 pm

📢📢📢 **Important Notice** 📢📢📢

All students of M.Sc. Zoology are hereby informed that **Compulsory Visit to central bee research and training institute, Shivaji nagar, Pune** is scheduled tomorrow on Tuesday, **31st October 2023 at 11:00am.**

Reporting time : 10:45am at CBRTI, Shivaji nagar Pune.

All students are advised to reach before the time by their own transportation means at visit site.

If any query contact me on whats app.

6:26 pm ✓✓

🚫 *You deleted this message*

6:29 pm



Central Bee Research Institute · University Rd, near HP Petrol Pump, Rage Path, Mo...

★★★★★ · Research institute

maps.app.goo.gl

<https://maps.app.goo.gl/kVsadzznmVQFSXVh9>

6:29 pm ✓✓

23\_24 M.Sc.-I Zoology

Abhinash, Aqsa Petkar Ad 23\_24, Mus...



tomorrow 2:00pm

12:59 pm

**Important Notice**

All students of M.Sc. Zoology are hereby informed that **Compulsory Visit to central bee research and training institute, Shivaji nagar, Pune** is scheduled tomorrow on Tuesday, **31st October 2023 at 11:00am.**

Reporting time : 10:45am at CBRTI, Shivaji nagar Pune.

All students are advised to reach before the time by their own transportation means at visit site.

If any query contact me on whats app.

6:25 pm ✓✓



Central Bee Research Institute · University Rd, near HP Petrol Pump, Raga Path, Mo...

★★★★★ · Research institute

[maps.app.goo.gl](https://maps.app.goo.gl)

<https://maps.app.goo.gl/kVsadzznmVQFSXVh9>

Edited 6:29 pm ✓✓



# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

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## Attendance Sheet

Date of Activity: 31/10/2023 (Tuesday)

Time: 10:30am Onwards

Activity Name: Visit to Central Bee Research Institute, Shivaji Nagar, Pune-411016

Coordinator Name: Mrs. Anjum M. Pathan

Department/Committee: Zoology

Teachers In-charge:

Mrs. Anjum M. Pathan, Ms. Raniya Shaikh

Number of Participants:

Sr. No	Name	Class	Roll No	Contact No.	Sign of Participant
1.	Haidar Ali Sheikh	M.Sc.I	8403	8414031947	H. A. Sheikh
2.	Petkar Aqsa Sayeed	M.Sc.I	8411	8446155109	Petkar
3.	D. Ranyla Chavle	M.Sc.I	8407	6009816372	Ranyla
4.	Dhanashree Karkole	M.Sc.-I	8402	9763033280	Dhanashree
5.	Alfya Sajjan	M.Sc.-I	8403	7767861789	Alfya
6.	Alshah Sayyed	M.Sc.-I	8412	7721042875	Alshah
7.	Madiba Sajjan	M.Sc.-I	8463	7822858628	Madiba
8.	Sariya Azka	M.Sc.-I	8410	1210628046	Sariya Azka
9.	Shaikh Saniya Shahim	M.Sc.-I	8405	8421443785	Saniya
10.	Momin Mishah	M.Sc.-I	8404	9765990075	Momin
11.	Shaikh Uzma Zubey	M.Sc.-I	8401	9607725561	Shaikh
12.	Raza Wkhandi	M.Sc. II	8458	8268618690	Raza
13.	Madiya Sanguru	M.Sc. II	8462	8080270016	Madiya
14.	Saniya Tulsi	M.Sc. II	8464	8087655753	Saniya
15.	Shila Shaikh	M.Sc. II	8452	417595219	Shila
16.	Iqra Ansari	M.Sc. II	8458	9834733747	Iqra
17.	Khan Aayisha	M.Sc. II	8461	7806339841	Khan
18.	Shaikh Musfirah	M.Sc. II	8460	7249412989	Shaikh
19.	Shaikh Husnaara	M.Sc. II	8454	9921107784	Shaikh
20.	Shaikh Rizwana	M.Sc. I	8406	9322664816	Shaikh

Signature of Coordinator





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**DEPARTMENT OF ZOOLOGY**  
**Educational Visit To Central Bee Research & Training**  
**Institute (CBRTI)**  
**(For M.Sc. Students)**  
**BRIEF REPORT**

<b>Date: 31<sup>st</sup> October 2020</b>	<b>Time: 11:00am Onwards</b>
<b>Method/Mode: Field Visit</b>	<b>No. of Participants: 20</b>

Under the able guidance of Principal, Dr. Aftab Anwar Shaikh, Vice Principal, Dr. Iqbal N. Shaikh and Head Department of Zoology, Dr. Mujeeb Shaikh Department of Zoology has organized an educational visit to 'Central Bee Research & Training Institute, Shivajinagar, Pune' for M.Sc. Zoology students on 31/10/2023 (Tuesday) to study Artificial Beekeeping Management and Practice. Around 20 students from M.Sc. Zoology were accompanied by teachers Mrs. Anjum M. Pathan & Mrs. Raniya Shaikh. Technical experts of CBRTI, Mr. Rahul Kale and Ms. Sakshi Shinde gave the detail information about artificial beekeeping. In first session, students visited the museum where Ms. Shinde showed different types of beekeeping equipments, bee products & explained importance of beekeeping. In the next session students were taken to the field by Mr. Kale for practical demonstration on handling & management of Bee Colonies. He also explained morphological characteristics to distinguish between Queen, Worker and Drone bees. The visit was coordinated by Mrs. Anjum M. Pathan. The students feedback indicates that the activity created curiosity & helped to build interest towards apiculture. Overall visit was very informative, knowledgeable; students actively participated & enjoyed the visit.

**Mrs. Anjum M. Pathan**  
**Coordinator**





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**DEPARTMENT OF ZOOLOGY**  
**Educational Visit To Central Bee Research & Training**  
**Institute (CBRTI)**  
**(For M.Sc. Students)**  
**PHOTOGRAPHS**



Students group photo at CBRTI, Pune  
Dated: 31<sup>st</sup> October 2023



Ms. Shinde Explaining importance of apiculture  
Dated: 31<sup>st</sup> October 2023



Ms. Shinde explaining Equipments in museum  
Dated: 31<sup>st</sup> October 2023



Mrs. Anjum Pathan explaining bee colony  
& caste system in honey bee  
Dated: 31<sup>st</sup> October 2023

Anjuman Khairul Islam's

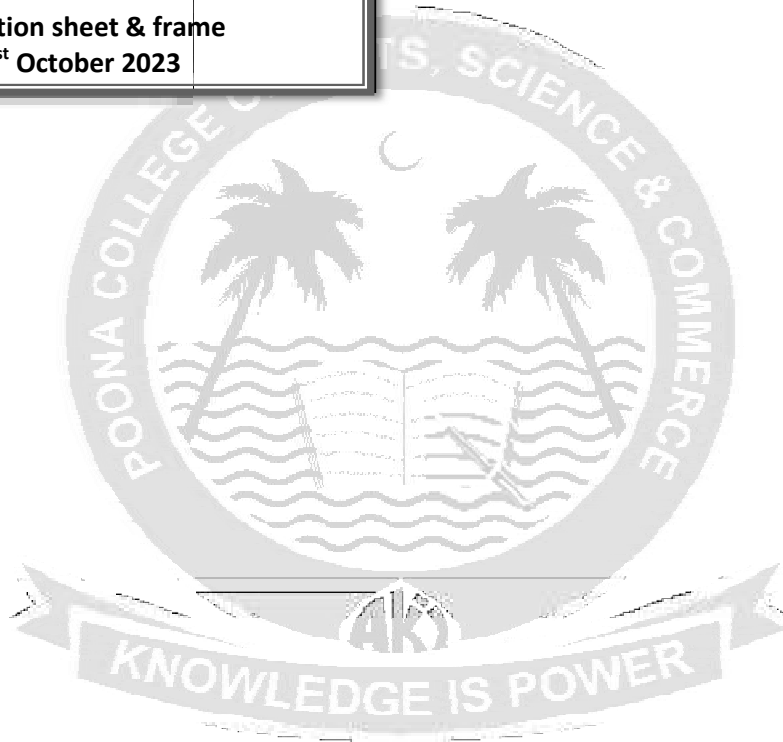


# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

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Comb foundation sheet & frame  
Dated: 31<sup>st</sup> October 2023





**ACTIVITY REPORT**  
**(2018-19)**

**I. Basic Details:**

<b>Name of The Activity: Visit to Western Region Center (WRC) Zoological Survey of India (ZSI) Ravet, Pune</b>			
<b>Date</b>	<b>Faculty</b>	<b>Department/ Committee</b>	<b>Coordinator Name &amp; Phone no.</b>
13/11/2023	Science	Zoology	Mrs. Raniya Shaikh Mob- 9359123671
<b>Time</b>	<b>Venue</b>	<b>Activity for class/ group &amp; student number</b>	<b>Nature: Academic/co- curricular / extracurricular/ Environmental/ social/ other</b>
11:00am onwards (One Day)	Western regional Station, Zoological Survey of India (ZSI) Ravet, Akurdi Pune	M.Sc. Zoology No. of Participants: 09	Co-curricular

**II. Brief Information about the Activity (Criterion no - 03 ):**

<b>Topic/ Subject of the activity</b>	Excursion Visit to Western Region Center (WRC) Zoological Survey of India (ZSI), Ravet (Akurdi), Pune.
<b>Objective for conducting the activity</b>	Students will be able to learn: <ol style="list-style-type: none"><li>1) Various methods of animal specimen preservation and collection.</li><li>2) Taxonomy of different animal specimens preserved at the ZSI</li><li>3) About the significance of museum in the field of Zoological research.</li><li>4) About the taxonomist and the curator and its importance in preserving animals.</li></ol>
<b>Methodology</b>	<ol style="list-style-type: none"><li>1) Demonstration by Technical Assistant</li><li>2) Observation</li></ol>
<b>Outcome</b>	Students have learned: <ol style="list-style-type: none"><li>1) Various methods of animals specimen preservation and collection.</li><li>2) Taxonomy of different animal specimens preserved at the ZSI</li></ol>



Y & M Anjuman Khairul Islam's  
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	3) About the significance of museum in the field of Zoological research. 4) About the taxonomist and the curator and its importance in preserving animals.
--	---

**III. Proofs attached: letters/ student list of participation/ certificate/ document/photos/ any other**

1. Permission Email	2. Attendance	3. Photos
4. Brief Report	5.	6.

**Brief Report of Visit to WRC Zoological Survey of India (ZSI)**

The Department of Zoology organized a visit for M.Sc Zoology students to **Western Region Center Zoological Survey of India (ZSI) Ravet, Akurdi, Pune** on Monday 13th November, 2023. About 09 students of M.Sc Zoology visited. During visit Scientist Dr. Aparna Kalawate (Museum In-charge) gave the details scientific information about museum specimens preserved at the ZSI. She explained various methods of animal preservation, collection method different preservation media, different types of equipment used for preservation, different types of entomological pins for pinning insects and dry preservation without damaging the delicate parts of insects. Experts Mr. Uday Kumar and Ms. Thapasya gave detailed explanation to the students about wet and dry method of preservation and about various species which were preserved. They also explained job of curator and students observed 5000 fish species, 56 species of crab, 1925 fish species which was collected from Pakistan and many more species collected by various taxonomists. During visit students enjoyed lot by watching different species of insects, molluscan shells, snakes, rats, frogs, birds, moths, butterflies, some aquatic animals like fishes, turtles, crabs etc. Students were very mesmerised by variety of species. They were explained about the career opportunities in Zoology.

The students feedback indicates that the activity created curiosity and developed scientific temper. Overall session was very informative, knowledgeable for the students.

The study visit was coordinated by Mrs. Raniya Shaikh. The visit was organized under the guidance of Principal Dr. Aftab Anwar Shaikh, Vice principal Prof. Iqbal Shaikh, Head Department of Zoology Dr. Mujeeb Shaikh.



Y & M Anjuman Khairul Islam's  
**POONA COLLEGE  
OF ARTS, SCIENCE AND COMMERCE**  
(Affiliated to Savitribai Phule Pune University: ID No. PU/PN/ASC/023/1970)

**PHOTOGRAPHS OF VISIT TO WRC ZOOLOGICAL SURVEY OF INDIA (ZSI)  
[DATED: Monday 13/11/2023]**



**Different Species of Butterflies**



**The Atlas moth**



**Different species of Birds**



**Wet method of preservation**



Y & M Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE AND COMMERCE

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Group Photograph Along with Teaching Staff and Technical Staff of ZSI Akurdi, Pune

KNOWLEDGE IS POWER





Fwd: Application for permission for visit to ZSI for Msc Zoology students, areas of interest: museum, laboratory, Assistance and expert during the session.

1 message

Dhriti Banerjee <dhrtibanerjee@gmail.com>

Wed, Nov 8, 2023 at 3:58 PM

To: Basudev Tripathy <tripathyb@gmail.com>, technical <technical@zsi.gov.in>

Forwarded message

From: DHRITI BANERJEE <director@zsi.gov.in>

Date: Wed, Nov 8, 2023 at 3:57 PM

Subject: Fwd: Application for permission for visit to ZSI for Msc Zoology students, areas of interest: museum, laboratory, Assistance and expert during the session.

To: dhritibanerjee <dhrtibanerjee@gmail.com>



*Dhriti Banerjee*  
M Q I T

Dr. Dhriti Banerjee

Director

Zoological Survey of India

Ministry of Environment, Forests & Climate Change

(Govt. of India)



*M*  
13/11/2023 *28/11/23*  
*04 Feb. 23*  
*May be permitted to visit Museum and facilities in Pune.*

From: raniyashaikh5@gmail.com

To: "DHRITI BANERJEE" <director@zsi.gov.in>

Cc: mujeebshaikh2003@yahoo.com, "shabita shaikh0786" <shabita.shaikh0786@gmail.com>

Sent: Wednesday, November 8, 2023 2:15:16 PM

Subject: Application for permission for visit to ZSI for Msc Zoology students, areas of interest: museum, laboratory, Assistance and expert during the session.

Respected sir,

We, Department of Zoology, AKI's Poona College of Arts, Science and Commerce, Camp, Pune-411001, would request you to grant us permission for our M.Sc Zoology students as they have compulsory visit to ZSI in their course. We would like to observe the museum, laboratories and we would request you to provide us some expert to give an overall description about various aspects of ZSI.

Expected number of students, 25

Accompanying teaching staff: Ms. Shabista Shaikh & Ms. Raniya Shaikh.

We request you to kindly allow us to visit your esteemed institution at 10th of November, i.e. Friday at your suitable time.

Thanking you,

Yours sincerely,  
Ms. Raniya Shaikh  
Mobile no: 9359123671  
Department of Zoology,



*Visited the students on 10/11/23 at 11:00 AM*  
*28/11/23*  
*13/11/23*



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# POONA COLLEGE

OF ARTS, SCIENCE & COMMERCE

Camp, Pune - 411001 (Maharashtra)

(AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY)



## ACTIVITY REPORT Academic Year: 2023-24

BASIC DETAILS			
Title of the Activity: Educational Visit to Directorate of Beekeeping, Mahabaleshwar			
Date	Faculty	Department/ Committee	Coordinator Name & Phone no.
20.01.2024	Science	Zoology	Dr. Shoeb Ahmad (9919509673)
Time	Venue	Activity for Class/Group	Nature: Co-curricular/ Extra-curricular/Extension/ Outreach
12:00 pm – 6:00 pm	Directorate of Beekeeping, Mahabaleshwar	S.Y.B.Sc (Zoology), M.Sc-I & II (Zoology)	Co-curricular

BRIEF INFORMATION OF THE ACTIVITY	
Objectives	To make students acquire first-hand knowledge of live beekeeping practice. To expose students with Beekeeping techniques and handling of bees with beekeeping equipment.
Outcome	Students got the key knowledge to identify the various methods of beekeeping, select suitable bees, flora and beehive position note the regulations pertaining to beekeeping maintain a beehive successfully implement the procedure to harvest honey and render wax recognise pests and diseases affecting bees.
No. of Participants	58

DOCUMENTS ATTACHED:		
<i>Note: Please attach original documents. Photocopy (Xerox) will not be accepted.</i>		
Detailed Report	Geotagged Photos with Caption	Permission letters
Attendance		



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## DETAILED REPORT

### **Educational Visit to Directorate of Beekeeping, Mahabaleshwar**

With the able guidance and support of Principal, Dr. Aftab Anwar Shaikh and Vice Principal, Dr. Iqbal N. Shaikh, Department of Zoology has conducted an Educational Visit to Directorate of Beekeeping, Mahabaleshwar on 20<sup>th</sup> January 2024. Total 58 students from S.Y.B.Sc (Zoology) and M.Sc I & II (Zoology) visited to Directorate of Beekeeping, Mahabaleshwar accompanied with Dr. Mujeeb Shaikh, Ms. Shabista Shaikh and Mrs. Raniya Shaikh. The Visit was coordinated by Dr. Shoeb Ahmad. The main aim of this visit to expose student with beekeeping techniques and handling of bees with beekeeping equipment and make them acquired first-hand knowledge live beekeeping practice.

Lady technical assistant of Directorate of Beekeeping gave demo how to handle bees in artificial colony. She also demonstrated the different beekeeping equipment like honey purification unit and honey extractor. Hence through this educational visit students got the key knowledge to identify the various methods of beekeeping, select suitable bees, flora and beehive position note the regulations pertaining to beekeeping maintain a beehive successfully implement the procedure to harvest honey and render wax recognise pests and diseases affecting bees.



Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE



Camp, Pune – 411001 (Maharashtra)  
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## GEOTAGGED PHOTOS WITH CAPTIONS



**Technical Assistant of Directorate of Beekeeping, Mahabaleshwar explaining the structure of Honey bee hive frame (Date: 20.01.2024)**



**Technical Assistant of Directorate of Beekeeping, Mahabaleshwar demonstrating the process of Honey Extraction through honey extractor (Date: 20.01.2024)**



**Technical Assistant of Directorate of Beekeeping, Mahabaleshwar giving information about the role of different bee cast in the bee colony (Date: 20.01.2024)**



**Students along with teachers at Directorate of Beekeeping, Mahabaleshwar (20.01.2024)**

Date:- 17/01/2024

To,  
The Principal,  
Poona College,  
Camp, Pune-411001.

Subject:- M.Sc. I, II and S.Y.B.Sc. Zoology Educational Visit at Directorate of Beekeeping,  
Mahabaleshwar,

Respected Sir,




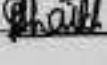
As per syllabus of SPPU Pune, M.Sc. I, II and S.Y.B.Sc Zoology Students have compulsory Educational Visit to study Bee Keeping techniques. The required rules and regulations prescribed by U.G.C and Savitribai Phule Pune University related to organizing educational visit for students will be followed by making all necessary arrangements. The one-day visit is scheduled on 20/01/2024.

You are requested to kindly grant the permission.

Thanking you,

Yours Faithfully,

  
Dr. Mujeeb Shaikh  
Head  
Department of Zoology

In-Charge Teachers	Signature
Dr. Mujeeb Shaikh	
Dr. Shoeb Ahmad (Coordinator)	
Ms. Shabista Shaikh	
Ms. Raniya Shaikh	

Forwarded  
Blom  
12/1/24

Granted Permission  
Subject to students undertaking  
17/01/2024



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# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

75  
Azadi Ka  
Amrit Mahotsav

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- UGC - 2(f) & 12 (B) Status • DST - FIST Funded College
- Government of Maharashtra and Savitribai Phule Pune University Recognized Minority College



K. B. Hidayatullah Road, Camp,  
Pune - 411001 (MS) India



+91-20-2645 4240  
2644 6319.



principal@poonacollege.edu.in  
www.poonacollege.edu.in

**Professor Dr. Aftab Anwar Shaikh**

M.Com, Ph.D (Busi. Admin.)  
PRINCIPAL



+91 98226 21579



dranwarshaikh@gmail.com

To  
The Office In charge  
Directorate of Beekeeping  
Mahabaleshwar

Date: 17/01/2024

Sir,

As per syllabus of SPPU Pune, M.Sc I, II and S.Y.B.Sc Zoology Students have compulsory Educational Visit to study beekeeping techniques.

We request your cooperation and guidance to our students about the various aspects related to beekeeping.

Kindly give us suitable date and time as per your convenience.

Thanking you,

Yours Faithfully

Prof. (Dr.) Aftab Anwar Shaikh  
Principal

PRINCIPAL  
Poona College of Arts, Science & Commerce  
Camp, Pune-411001  
Principal Office

मध्य संचालनमलय

महाराष्ट्र राज्य खादी र मोद्योग मंडळ  
सरकारी बंगला नं. ५, महाबळेश्वर,  
जि. सातारा, पिन - ४१२ ८०६





Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

Camp, Pune - 411001 (Maharashtra)  
(AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY)



## Attendance Sheet

Date of Activity: 20/01/2024

Time: 12:00pm to 6:00pm

Activity Name: Educational Visit to Directorate of  
Beekeeping, Mahabaleshwar

Coordinator Name

Dr. Shoeb Ahmad

Department/Committee: ZOOLOGY

Number of Participants:

Sr.No	Name	Class	Roll No	Sign of Participant
1.	Shireen Mushtak Shaikh	S.Y.B.Sc	7501	
2.	Alfiya Kamaluddin Nadaf	S.Y.B.Sc	7502	
3.	Aasiya Majeed Bagwan	S.Y.B.Sc	7504	
4.	Umme Kulsum Habeeb Syed	S.Y.B.Sc	7505	
5.	Aliya Bashir Mujawar	S.Y.B.Sc	7511	
6.	Afreen Bilal Siddique	S.Y.B.Sc	7515	
7.	Alriza Kamruddin Naikawadi	S.Y.B.Sc	7520	
8.	Avi Ashok Dhoka	S.Y.B.Sc	7521	
9.	Roopsen Ashok Chavan	S.Y.B.Sc	7530	
10.	Mohammed Gaffar Khan	S.Y.B.Sc	7681	
11.	Mubeen Khalid Shaikh	S.Y.B.Sc	7682	
12.	Mahek Sameer Shaikh	S.Y.B.Sc	7684	
13.	Ayesha Ahmed Bagwan	S.Y.B.Sc	7686	
14.	Arsheen Razzak Tajmohammad	S.Y.B.Sc	7687	
15.	Maseera Shafi Bagwan	S.Y.B.Sc	7688	
16.	Deepti Sandeep Badekar	S.Y.B.Sc	7691	
17.	Bushra Arshad Khan	S.Y.B.Sc	7692	
18.	Sadiqua Ansari	S.Y.B.Sc	7693	
19.	Mahek Imran Shaikh	S.Y.B.Sc	7694	
20.	Sawleha Farooque Shaikh	S.Y.B.Sc	7695	
21.	Rahimeen Imtiyaz Ali Shahpure	S.Y.B.Sc	7696	
22.	Muskaan Rafique Kachhi (Cancelled)	S.Y.B.Sc	7697	Cancelled
23.	Umar Ashpak Tamboli	S.Y.B.Sc	7698	
24.	Ashutosh Pradeep Deodhar	S.Y.B.Sc	7702	



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Camp, Pune - 411001 (Maharashtra)  
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25.	Ayman Sardar Patel	S.Y.B.Sc	7703	<i>Ayman</i>
26.	Amaan Sabir Sayyad	S.Y.B.Sc	7704	<i>Sayyad</i>
27.	Arshiya Murtuza Shaikh	S.Y.B.Sc	7705	<i>Arshiya Shaikh</i>
28.	Jessica Philip Pinto	S.Y.B.Sc	7707	<i>Jessica Pinto</i>
29.	Amreen Sattar Patel	S.Y.B.Sc	7708	<i>Amreen</i>
30.	Aliasgar Ayub Pathan	S.Y.B.Sc	7709	<i>A. Pathan</i>
31.	Shifa Bano Maqsood Ahmed Hashmi	S.Y.B.Sc	7713	<i>Shifa</i>
32.	Mahek Sadik Tamboli	S.Y.B.Sc	7714	<i>Mahek</i>
33.	Saniya Parveen Aziz Shaikh	S.Y.B.Sc	7715	<i>Saniya</i>
34.	Amina Salim Sayyed	S.Y.B.Sc	7717	<i>Amina</i>
35.	Kulsum Irfan Shaikh	S.Y.B.Sc	7720	<i>Kulsum</i>
36.	Mohd Saif Suhel Ahmad Ansari	S.Y.B.Sc	7723	<i>Saif</i>
37.	Raes Shafique Mulla	S.Y.B.Sc	7724	<i>Raes</i>
38.	Shaheed Khairuddin Shaikh	S.Y.B.Sc	7725	<i>Shaheed</i>
39.	Shruti Kiran Mahajan	S.Y.B.Sc	7727	<i>Shruti</i>
40.	Alisha Khalid Tamboli	S.Y.B.Sc	7733	<i>Alisha</i>
41.	Shreya Subhash Usendi	S.Y.B.Sc	7736	<i>Shreya</i>
42.	Swaleha Jaweed Shaikh	S.Y.B.Sc	7737	<i>Swaleha</i>
43.	Minaz Yusuf Qureshi	S.Y.B.Sc	7738	<i>Minaz</i>
44.	Faiza Rahim Khan	S.Y.B.Sc	7739	<i>Faiza</i>
45.	Swaleha Sajid Bagwan	S.Y.B.Sc	7740	<i>Swaleha</i>
46.	Ahad Azim Ansari	S.Y.B.Sc	7745	<i>Ahad</i>
47.	Uzma Zuber Shaikh	M.Sc I	8401	<i>Uzma</i>
48.	Dhanashree Karhale	M.Sc I	8402	<i>Dhanashree</i>
49.	Alfiya Sajjan	M.Sc I	8403	<i>Alfiya</i>
50.	Misbah Momin	M.Sc I	8404	<i>Misbah</i>
51.	W. Ranjita	M.Sc I	8407	<i>Ranjita</i>
52.	H. Abhinash	M.Sc I	8408	<i>H. Abhinash</i>
53.	Aqsa Petkar	M.Sc I	8411	<i>Aqsa</i>
54.	Alsaba	M.Sc I	8412	<i>Alsaba</i>
55.	Khan Ayesha Begum	M.Sc II	8451	<i>Khan</i>







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OF ARTS, SCIENCE & COMMERCE

Camp, Pune - 411001 (Maharashtra)

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## ACTIVITY REPORT Academic Year: 2023-24

BASIC DETAILS			
Title of the Activity: Educational Visit to District Sericulture Office, Wai, District Satara			
Date	Faculty	Department/ Committee	Coordinator Name & Phone no.
20.01.2024	Science	Zoology	Dr. Mujeeb Shaikh (9890007996)
Time	Venue	Activity for Class/Group	Nature: Co-curricular/ Extra-curricular/Extension/Outreach
7:00am-11:30am	District Sericulture office, Wai	S.Y.B.Sc (Zoology), M.Sc-I & II (Zoology)	Co-curricular

BRIEF INFORMATION OF THE ACTIVITY	
Objectives	To make students sound with the scientific practice of rearing of silkworms and management of silkworm unit.
Outcome	Students experienced live demonstration of Sericulture techniques and they got the importance of this agro-based Industry with reference to both Employment and Business
No. of Participants	58

DOCUMENTS ATTACHED:		
<i>Note: Please attach original documents. Photocopy (Xerox) will not be accepted.</i>		
Detailed Report	Geotagged Photos with Caption	Permission Letters
Attendance		



Anjuman Khairul Islam's  
**POONA COLLEGE**  
**OF ARTS, SCIENCE & COMMERCE**  
Camp, Pune – 411001 (Maharashtra)  
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## DETAILED REPORT

### **Educational Visit to District Sericulture Office Wai District Satara**

With the able guidance and support of Principal, Dr. Aftab Anwar Shaikh, Vice Principal, Dr. Iqbal N. Shaikh Department of Zoology has conducted an Educational visit to District Sericulture Office, Wai, District Satara on 20<sup>th</sup> January 2024 for of S.Y.B.Sc (Zoology) and M.Sc I & II (Zoology) students. The Visit was coordinated by Dr. Mujeeb Shaikh. Total 58 students from S.Y.B.Sc (Zoology) and M.Sc I & II (Zoology) accompanied with Dr. Shoeb Ahmad, Ms. Shabista Shaikh and Mrs. Raniya Shaikh visited to District Sericulture Office, Wai. The main aim of this visit to make students sound with the techniques of sericulture management of sericulture unit. Technical Assistant of the District Sericulture office gave live demonstration to handle the silkworms and he also elaborated the life cycle, habit habitat and disease of silkworms. Hence, with this visit students experienced live demonstration of Sericulture techniques and they got the importance of this agro-based Industry with reference to both Employment and Business.



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## GEOTAGGED PHOTOS WITH CAPTIONS



**Students observing the rearing stand and Cocoon Mountage inside the Rearing House (20<sup>th</sup> January 2024)**



**C.D Danve, Technical Assistant, District Sericulture Office, Wai Showing differing varieties of silk fibers (20<sup>th</sup> January 2024)**

**Student, teachers along with C.D. Danve at District Sericulture Office, Wai (20<sup>th</sup> January 2024)**

Date:- 17/01/2024

To,  
The Principal,  
Poona College,  
Camp, Pune-411001.

Subject:- M.Sc. I, II and S.Y.B.Sc. Zoology Educational Visit at District Sericulture Office, Wai, Satara.

Respected Sir,

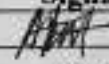


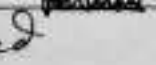
As per syllabus of SPPU Pune, M.Sc. I, II and S.Y.B.Sc Zoology Students have compulsory Educational Visit to study Sericulture techniques. The required rules and regulations prescribed by U.G.C and Savitribai Phule Pune University related to organizing educational visit for students will be followed by making all necessary arrangements. The one-day visit is scheduled on 20/01/2024.

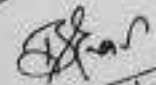
You are requested to kindly grant the permission.

Thanking you,

Yours Faithfully,

  
Dr. Mujeeb Shaikh  
Head  
Department of Zoology

In-Charge Teachers	Signature
Dr. Mujeeb Shaikh (Coordinator)	
Dr. Shoeb Ahmad	
Ms. Shabista Shaikh	
Ms. Raniya Shaikh	

Forwarded  
  
12/1/24

Granted permission  
subject to students undertaking.  
17/01/24.



Anjuman Khairul Islam's

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Amrit Mahotsav

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Pune - 411001 (MS) India



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2644 6319.



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www.poonacollege.edu.in

**Professor Dr. Aftab Anwar Shaikh**

M.Com, Ph.D (Busi. Admin.)  
PRINCIPAL



+91 98226 21579



dranwarshaikh@gmail.com

To  
The Office In charge  
District Sericulture Office  
Wai, District – Satara

Date: 17/01/2024

Sir,

As per syllabus of SPPU Pune, M.Sc I, II and S.Y.B.Sc Zoology Students have compulsory Educational Visit to study Sericulture techniques.

We request your cooperation and guidance to our students about the various aspects related to Sericulture.

Kindly give us suitable date and time as per your convenience.

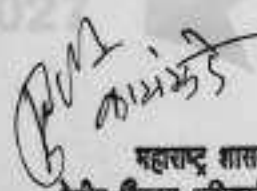
Thanking you,

Yours Faithfully

Prof. (Dr.) Aftab Anwar Shaikh  
Principal

PRINCIPAL

Poona College of Arts, Science & Commerce  
Camp, Pune-411001  
Principal Office

  
महाराष्ट्र शासन  
रेशीम विकास अधिकारी श्रेणी-१  
जिल्हा रेशीम कार्यालय, वार्ड - पांचगणी रोड, वार्ड  
जि. सातारा - ४१२ ८०३ दूरध्वनी क्र. : ०२१६७-२२००४७  
ई मेल : reshimwai@gmail.com



Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE

Camp, Pune - 411001 (Maharashtra)  
(AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY)



## Attendance Sheet

Date of Activity: 20/01/2024		Time: 7:00am to 11:30am		
Activity Name	Educational Visit to District Sericulture Office, Wai, Satara	Coordinator Name		
		Dr. Mujeeb Shaikh		
Department/Committee: ZOOLOGY				
Number of Participants:				
Sr.No	Name	Class	Roll No	Sign of Participant
1.	Shireen Mushtak Shaikh	S.Y.B.Sc	7501	<i>Shireen</i>
2.	Alfiya Kamaloddin Nadaf	S.Y.B.Sc	7502	<i>Alfiya</i>
3.	Aasiya Majeed Bagwan	S.Y.B.Sc	7504	<i>Aasiya</i>
4.	Umme Kulsum Habeeb Syed	S.Y.B.Sc	7505	<i>Umme Kulsum</i>
5.	Aliya Bashir Mujawar	S.Y.B.Sc	7511	<i>Aliya Bashir</i>
6.	Afreen Bilal Siddique	S.Y.B.Sc	7515	<i>Afreen</i>
7.	Alriza Kamruddin Naikawadi	S.Y.B.Sc	7520	<i>Alriza</i>
8.	Avi Ashok Dhoka	S.Y.B.Sc	7521	<i>Avi</i>
9.	Roopsen Ashok Chavan	S.Y.B.Sc	7530	<i>Roopsen</i>
10.	Mohammed Gaffar Khan	S.Y.B.Sc	7681	<i>Mohammed</i>
11.	Mubeen Khalid Shaikh	S.Y.B.Sc	7682	<i>Mubeen</i>
12.	Mahek Sameer Shaikh	S.Y.B.Sc	7684	<i>Mahek</i>
13.	Ayesha Ahmed Bagwan	S.Y.B.Sc	7686	<i>Ayesha</i>
14.	Arsheen Razzak Tajmohammad	S.Y.B.Sc	7687	<i>Arsheen</i>
15.	Maseera Shafi Bagwan	S.Y.B.Sc	7688	<i>Maseera</i>
16.	Deepti Sandeep Badekar	S.Y.B.Sc	7691	<i>Deepti</i>
17.	Bushra Arshad Khan	S.Y.B.Sc	7692	<i>Bushra</i>
18.	Sadiqua Ansari	S.Y.B.Sc	7693	<i>Sadiqua</i>
19.	Mahek Imran Shaikh	S.Y.B.Sc	7694	<i>Mahek</i>
20.	Sawleha Farooque Shaikh	S.Y.B.Sc	7695	<i>Sawleha</i>
21.	Rahimeen Imtiyaz Ali Shahpure	S.Y.B.Sc	7696	<i>Rahimeen</i>
22.	Muskaan Rafique Kachhi (Cancelled)	S.Y.B.Sc	7697	<i>Cancelled</i>
23.	Umar Ashpak Tamboli	S.Y.B.Sc	7698	<i>Umar</i>
24.	Ashutosh Pradeep Deodhar	S.Y.B.Sc	7702	<i>Ashutosh</i>





Anjuman Khairul Islam's

# POONA COLLEGE OF ARTS, SCIENCE & COMMERCE



Camp, Pune - 411001 (Maharashtra)

(AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY)

25.	Ayman Sardar Patel	S.Y.B.Sc	7703	<i>Patel</i>
26.	Amaan Sabir Sayyad	S.Y.B.Sc	7704	<i>Sayyad</i>
27.	Arshiya Murtuza Shaikh	S.Y.B.Sc	7705	<i>Shaikh Arshiya</i>
28.	Jessica Philip Pinto	S.Y.B.Sc	7707	<i>Pinto</i>
29.	Amreen Sattar Patel	S.Y.B.Sc	7708	<i>Amreen</i>
30.	Aliasgar Ayub Pathan	S.Y.B.Sc	7709	<i>A. Pathan</i>
31.	Shifa Bano Maqsood Ahmed Hashmi	S.Y.B.Sc	7713	<i>Shifa</i>
32.	Mahek Sadik Tamboli	S.Y.B.Sc	7714	<i>Tamboli</i>
33.	Saniya Parveen Aziz Shaikh	S.Y.B.Sc	7715	<i>Saniya</i>
34.	Amina Salim Sayyed	S.Y.B.Sc	7717	<i>Amina</i>
35.	Kulsum Irfan Shaikh	S.Y.B.Sc	7720	<i>Kulsum</i>
36.	Mohd Saif Suhel Ahmad Ansari	S.Y.B.Sc	7723	<i>Saif</i>
37.	Raes Shafique Mulla	S.Y.B.Sc	7724	<i>Raes</i>
38.	Shaheed Khairuddin Shaikh	S.Y.B.Sc	7725	<i>Shaikh</i>
39.	Shruti Kiran Mahajan	S.Y.B.Sc	7727	<i>Shruti</i>
40.	Alisha Khalid Tamboli	S.Y.B.Sc	7733	<i>Alisha</i>
41.	Shreya Subhash Usendi	S.Y.B.Sc	7736	<i>Shreya</i>
42.	Swaleha Jaweed Shaikh	S.Y.B.Sc	7737	<i>Swaleha</i>
43.	Minaz Yusuf Qureshi	S.Y.B.Sc	7738	<i>Minaz</i>
44.	Faiza Rahim Khan	S.Y.B.Sc	7739	<i>Faiza</i>
45.	Swaleha Sajid Bagwan	S.Y.B.Sc	7740	<i>Swaleha</i>
46.	Ahad Azim Ansari	S.Y.B.Sc	7745	<i>Ahad</i>
47.	Uzma Zuber Shaikh	M.Sc I	8401	<i>Uzma</i>
48.	Dhanashree Karhale	M.Sc I	8402	<i>Dhanashree</i>
49.	Alfiya Sajjan	M.Sc I	8403	<i>Alfiya</i>
50.	Misbah Momin	M.Sc I	8404	<i>Misbah</i>
51.	W. Ranjita	M.Sc I	8407	<i>Ranjita</i>
52.	H. Abhinash	M.Sc I	8408	<i>H. Abhinash</i>
53.	Aqsa Petkar	M.Sc I	8411	<i>Aqsa</i>
54.	Alsaba	M.Sc I	8412	<i>Alsaba</i>
55.	Khan Ayesha Begum	M.Sc II	8451	<i>Ayesha</i>





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**ACTIVITY REPORT**  
**Academic Year: 2023-24**

BASIC DETAILS			
<b>Title of the Activity: Educational Visit to Fish seed Production Centre, Manjri, Pune</b>			
<b>Date</b>	<b>Faculty</b>	<b>Department/ Committee</b>	<b>Coordinator Name &amp; Phone no.</b>
05/02/2024	Science	Zoology	Mrs.Raniya Shaikh (Mob.No. 9359123671)
<b>Time</b>	<b>Venue</b>	<b>Activity for Class/Group</b>	<b>Nature: Co-curricular/ Extra-curricular/Extension/Outreach</b>
10.00am Onwards	Fish seed Production Centre, Manjri, Pune	Class Activity	Co-curricular

BRIEF INFORMATION OF THE ACTIVITY	
<b>Objectives</b>	<ul style="list-style-type: none"><li>To enable the student's improved understanding of science and management behind the sustainable aquaculture</li><li>To gives the experiential learning to the students</li><li>To provide hands on training about the fish pond management, hatchery and induced breeding.</li><li>To interact with the technicians and officials of fish breeding centre.</li></ul>
<b>Outcome</b>	<ul style="list-style-type: none"><li>Students got practical knowledge about fish pond management, hatchery, and induced breeding.</li><li>Students interacted with the technicians and staff of the fish breeding center and acquire knowledge about the actual problems encountered during fish breeding.</li><li>Fish brooders identification and handling techniques were acquired by the students.</li></ul>
<b>No. of Participants</b>	21

DOCUMENTS ATTACHED:		
<i>Note: Please attach original documents. Photocopy (Xerox) will not be accepted.</i>		
<b>Detailed Report</b>	<b>Geotagged Photos with Caption</b>	<b>Notice/Brochure</b>
<b>Attendance</b>	<b>Letters if any (Invitation/Thanks)</b>	<b>Any other relevant Documents (Recourse Person CV/Feedback)</b>



## DETAILED REPORT

### Educational Visit to Fish seed Production Centre, Manjri, Pune

**Date: 05/02/2024**

**Venue: Fish seed Production Centre, Manjri, Pune**

**No. of Participants: 21**

With the able guidance and support of Principal, Dr. Aftab Anwar Shaikh, Vice Principal, Mr. Iqbal N. Shaikh and Dr. Mujeeb Shaikh (Head, Department of Zoology), Department of Zoology had conducted Educational Visit to Fish seed Production Centre, Manjri, Pune for of M.Sc I (Zoology) and M.Sc II (Zoology) students.

The Visit was accompanied by Mrs. Anjum Pathan, Ms. Shabista Shaikh, and Ms. Raniya Shaikh. A group of 21 students from PG visited the Fish seed Production Centre. It was a great live experience for the students. The main aim of the visit was to give experiential learning to the students about fish rearing, breeding and its management.

Students got hands on training about the fish pond management, hatchery and induced breeding. Students understanding of science and management behind the sustainable aquaculture improved.

Students got practical knowledge about fish pond management, hatchery, and induced breeding.

Fish brooders identification and handling techniques were also acquired by the students. Therefore, the visit enabled the students to witness personally the rules and regulations governing Aquaculture and its management.



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## GEOTAGGED PHOTOS WITH CAPTIONS



**Student group of M.Sc I & II along with teachers at Fish seed Production Centre, Manjri, Pune  
(Dated: 05/02/2024)**



**Pooja Ma'am explaining how artificial environment is provided for the fishes to lay eggs.  
(Dated: 05/02/2024)**



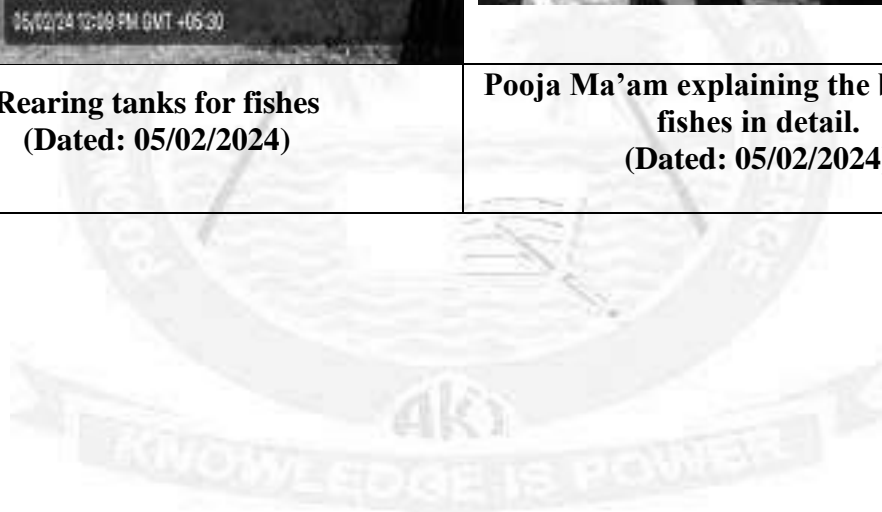
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**Rearing tanks for fishes**  
(Dated: 05/02/2024)



**Pooja Ma'am explaining the breeding of fishes in detail.**  
(Dated: 05/02/2024)







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Pune - 411001, (MS), India



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principal@poonacollege.edu.in  
www.poonacollege.edu.in

**Professor (Dr.) Aftab Anwar Shaikh**  
M.Com, Ph.D (Busl. Admin.)  
**PRINCIPAL**

To,  
The Farm In-Charge,  
Govt. Fish seed Production Centre,  
Survey no. 15, Hadapsar Pune

Date: 03/02/2024

Sir,

As per syllabus of SPPU Pune, M.Sc. Zoology Students have compulsory Educational Visit to aquaculture Fish seed Production Centre.

We request your cooperation and guidance to our students about the various aspects related to fish breeding and fish Seed Production.

Kindly give us suitable date and time as per your convenience.

Thanking you,

Yours Faithfully

Prof. (Dr.) Aftab Anwar Shaikh  
Principal

PRINCIPAL

Poona College of Arts, Science & Commerce  
Camp, Pune-411001  
Principal Office



*Minoted on P.C.C. Hadapsar*  
*[Signature]*  
*5/2/2024*

सहायक अनुक्त मत्स्यव्यवसाय (ता)  
पुणे



Date: 03/02/2024

To,  
The Principal,  
Poona College,  
Camp, Pune-411001.

Subject: M.Sc. Zoology Educational Visit to Fish seed Production Centre, Manjri.


Respected Sir,

As per syllabus of SPPU Pune, M.Sc Zoology Students have compulsory Educational Visit to aquaculture Fish seed Production Centre. The required rules and regulations prescribed by U.G.C and Savitribai Phule Pune University related to organizing educational visit for students will be followed by making all necessary arrangement. The visit is scheduled on 05/02/2024.

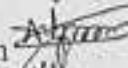
You are requested to kindly grant the permission.


Thanking you,

Yours Faithfully

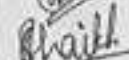
  
Dr. Yuseeb A.J. Shaikh  
Head, Department of Zoology

In-charge Teachers:

Mrs. Anjum M. Pathan 

Ms. Shabista Shaikh 

Mrs. Raniya Shaikh

 (Co-ordinator)

OK  
3/2/24



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## Attendance Sheet

Date of Activity: 05/02/2023 (Monday)			Time: 10:00am Onwards		
Activity Name: Visit to Govt. Fish seed Production Centre, Manjrl, Pune			Coordinator Name		
Department/Committee: Zoology			Teachers In-charge: Mrs. Anjum M. Pathan, Ms. Shabista Shaikh, Mrs. Raniya Shaikh		
Number of Participants:					
Sr. No	Name	Class	Roll No	Contact No.	Sign of Participant
1	Iqba Ansoji	Msc II	8458	8087227071	Iqba
2	Shifa Shaikh	MSc-II	8451	9175955219	Shifa
3	Sarguru Madiya	MSc-II	8462	6050270016	Sarguru
4	Tulve Saniya	MSc-II	8464	6087655753	Saniya
5	Shaikh Khansa	MSc-II	8456	9758877631	Khansa
6	Khan Aayesha	MSc-II	8451	7506337241	Aayesha
7	Shaikh Musfirah	MSc-II	8460	7249412989	Shaikh
8	Raza Lokhande	MSc-II	8453	8268678640	Raza
9	Uzma Shaikh	MSc-I	8401	9607725561	Uzma
10	Saniya Aska	MSc-I	8410	8210628076	Saniya
11	Shaikh Saniya Shahim	MSc-I	8405	8421443785	Saniya
12	Shaikh Rizwan	MSc-I	8406	9522664816	Rizwan
13	Hudsoni Abhinav Singh	M&I	8408	8414031947	Hudsoni
14	Petkar Aqsa Sayyad	MSc-I	8411	8446145709	Aqsa
15	Dhamashree Karkate	MSc-I	8402	9763053280	Dhamashree
16	Alsabha Sayed	MSc-I	8412	7721042875	Alsabha
17	Momin Misbah	MSc-I	8404	9765990075	Momin
18	Shaikh Humaira	MSc-II	82154	7420826342	Humaira
19	Memon Tanzeem	II	8459	7359290269	Memon
20	Khan Zoya	MSc-II	8461	9325024113	Zoya
21	Nazia Farooqui	MSc-II	8457	8010501789	Nazia

*[Signature]*  
Head

Department of Zoology  
Poona College of Arts, Science  
and Commerce, Camp-Pune-1

*[Signature]*  
Signature of Coordinator



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**ACTIVITY REPORT**  
**Academic Year: 2023-24**

BASIC DETAILS			
<b>Title of the Activity: Educational Visit to Vasantdada Sugar Institute, Pune.</b>			
<b>Date</b>	<b>Faculty</b>	<b>Department/ Committee</b>	<b>Coordinator Name &amp; Phone no.</b>
05/02/2024	Science	Zoology	Ms. Shabista Shaikh (7020271221)
<b>Time</b>	<b>Venue</b>	<b>Activity for Class/Group</b>	<b>Nature: Co-curricular/ Extra-curricular/Extension/Outreach</b>
10:00am onwards	Vasantdada Sugar Institute, Manjri, Pune	Class Activity	Co-curricular

BRIEF INFORMATION OF THE ACTIVITY	
<b>Objectives</b>	<ul style="list-style-type: none"><li>To know the tissue culture facilities</li><li>To understand Sugarcane pest management</li><li>To gain knowledge about biofertilizers and vermicomposting</li></ul>
<b>Outcome</b>	The student will be able to: <ul style="list-style-type: none"><li>➤ Learn about the tissue culture facilities</li><li>➤ Gain access to entomology, Tissue culture, Molecular biology and other related departments at Vasantdada Sugar Industry.</li><li>➤ Students get information on vermicomposting and biofertilizers.</li></ul>
<b>No. of Participants</b>	21

DOCUMENTS ATTACHED:		
<i>Note: Please attach original documents. Photocopy (Xerox) will not be accepted.</i>		
<b>Detailed Report</b>	<b>Geotagged Photos with Caption</b>	<b>Notice/Brochure</b>
<b>Attendance</b>	<b>Letters if any (Invitation/Thanks)</b>	<b>Any other relevant Documents (Recourse Person CV/Feedback)</b>



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## DETAILED REPORT

### Educational Visit to Vasantdada Sugar Institute, Manjri, Pune.

**Date: 05.02.2024**

**Venue: Vasantdada Sugar Institute, Manjri, Pune**

**No. of Participants:21**

With the able guidance and support of Principal, Dr. Aftab Anwar Shaikh, Vice Principal, Mr. Iqbal N. Shaikh Department of Zoology had conducted Educational Visit to Vasantdada Sugar Institute, Manjri, Pune on 5<sup>th</sup> February 2024 from 10.00am onwards.

The Vasantdada Sugar Institute in Manjri, Pune, was visited by a total of twenty-one M.Sc. I and M.Sc. II Zoology students. The visit's coordinator, Ms. Shabista Shaikh, was in charge of overseeing its execution. Mrs. Anjum Pathan and Ms. Raniya Shaikh were the teachers who accompanied with the students. This visit's primary goal was to become familiar with the tissue culture facilities and to get access to the departments of molecular biology, tissue culture, and entomology. Students also explored Soil Science Section Agricultural Sciences & Technology at the Vasantdada Sugar Industry.

The handling of sugarcane pests was seen by the students. Students also learn about vermicomposting techniques and biofertilizers. In addition, the students learned about the amenities offered by the Vasantdada sugar Institute.

**Ms. Shabista Shaikh**  
**Coordinator**



## GEOTAGGED PHOTOS WITH CAPTIONS



**Students observing pests of sugarcane plant.  
(Dated: 05.02.2024)**





**Students interacting with the faculty at Vasantdada Sugar Institute.  
(Dated: 05.02.2024)**



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<p><b>Student group along with teachers at Vasantdada Sugar Institute, Manjri, Pune (Dated: 05.02.2024)</b></p>	<p><b>Student group along with teachers at Soil Science Section Agricultural Sciences &amp; Technology (Dated: 05.02.2024)</b></p>







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## Attendance Sheet

Date of Activity: 05/02/2023 (Monday)			Time: 10:00am Onwards		
Activity Name: Visit to Vasantdada Sugar Institute, Manjri, Pune			Coordinator Name: Mr. Shabista Shaikh		
Department/Committee: Zoology			Teachers In-charge: Mrs. Anjum M. Pathan, Mrs. Shabista Shaikh, Ms. Raniya Shaikh		
Number of Participants:					
Sr. No	Name	Class	Roll No	Contact No.	Sign of Participant
1	Uma Zuber Shaikh	Msc-I	8401	9667725561	Shaikh
2	Dhanashree Satish Karkate	MSc-I	8402	9743032280	Dhanashree
3	Shaikh Azwara	MSc-I	8406	9322664816	Azwara
4	Shaikh Saniya Shabim	MSc-I	8405	8451443785	Saniya
5	Saniya Azla	MSc-I	8410	8210628076	Saniya Azla
6	Momin Miskah	MSc-I	8404	9765990075	Momin
7	Shaikh Zushaara	MSc-II	8454	7420826847	Zushaara
8	Saniya Tulve	MSc-II	8464	8087655753	Saniya
9	Maheeta Sarguru	MSc-II	8462	808027016	Sarguru
10	Khan Zoya	MSc-II	8461	9325024113	Zoya
11	Memati Tanvika	MSc-II	8459	9359290709	Memati
12	Zubair Ashraf Shaikh	M.Sc I	8408	8414031947	Zubair
13	Ranjita Chavhan	MSc II	8407	6004816572	Ranjita
14	Shifa Shaikh	MSc II	8452	9175955219	Shifa
15	Khan Aysha	MSc II	8451	9506318441	Khan
16	Shaikh Khansa	MSc II	8456	985877631	Khansa
17	Raza Cobhade	MSc II	8453	8268678190	Raza
18	Shaikh Musfiza	MSc II	8460	7249412989	Shaikh
19	Anamika Jena	MSc II	8458	8087232071	Anamika
20	Padm Aggar	MSc I	8409	8246155109	Padm
21	Nazia Farooqui	MSc II	8457	8010501789	Nazia

Signature of Coordinator

Department of Zoology  
Poona College of Arts, Science  
and Commerce, Camp-Pune-I



To:  
The Principal,  
Poona College,  
Camp, Pune-411001.

Date: 03/02/2024

Subject: M.Sc. Zoology Educational Visit to Vasantdada Sugar Institute, Manjri.

Respected Sir,

As per syllabus of SPPU Pune, M.Sc Zoology Students have compulsory Educational Visit to Vasantdada Sugar Institute, Manjri. The required rules and regulations prescribed by U.G.C and Savitribai Phule Pune University related to organizing educational visit for students will be followed by making all necessary arrangement. The visit is scheduled on 05/02/2024.

You are requested to kindly grant the permission.

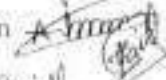


Thanking you,

Yours Faithfully

  
Dr. Mujeeb A.J. Shaikh  
Head, Department of Zoology

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J. Shy

**In-charge Teachers:**

Mrs. Anjum M. Pathan   
Ms. Shabista Shaikh   
Mrs. Raniya Shaikh  (co-ordinator)



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2644 6319.

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www.poonacollege.edu.in

**Professor Dr. Aftab Anwar Shaikh**

M.Com, Ph.D (Busi. Admin.)

PRINCIPAL

📞 +91 98226 21579  
✉️ dranwarshaikh@gmail.com

To,  
The Officer In-Charge,  
Vasantdada Sugar Institute,  
Manjari Budruk, Pune -412307

Date: 03/02/2024

Sir,

As per syllabus of SPPU Pune, M.Sc. Zoology Students have compulsory Educational Visit to Vasantdada Sugar Institute, Pune.

We request your cooperation and guidance to our students about the various fields of life sciences.

Kindly give us suitable date and time as per your convenience.

Thanking you,

Yours Faithfully

Prof. (Dr.) Aftab Anwar Shaikh  
Principal

PRINCIPAL

Poon College of Arts, Science & Commerce  
Camp, Pune-411001  
Principal Office



Sir,  
your college students visited VSI, Pune &  
taken information about activities of institute

BJT

(B. J. Takarkar)

PRO



Anjuman Khairul Islam's  
**POONA COLLEGE**  
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**ACTIVITY REPORT**  
**Academic Year: 2023-24**

BASIC DETAILS			
<b>Title of the Activity: Hands-on Training Workshop on “Basic techniques of Bioinformatics and its applications in biological research”</b>			
Date	Faculty	Department/ Committee	Coordinator Name & Phone no.
13/02/2024	Science	Zoology	Dr. Kalim M. Shaikh (7972224513)
Time	Venue	Activity for Class/Group	Nature: Co-curricular/ Extra-curricular/Extension/Outreach
10.00 am to 5.00 pm	Department of Zoology	T.Y.B.Sc. & M.Sc. Zoology	<b>Extra- curricular</b>

BRIEF INFORMATION OF THE ACTIVITY	
Objectives	<b>To introduce the most important and basic concepts, methods, and tools used in bioinformatics.</b>
Outcome	<ul style="list-style-type: none"> <li>• Workshop provide competence in computational biology by hands-on training of various techniques and tools used in biological research.</li> <li>• It provides hands on expertise in the essential multi-disciplinary fields of genomics, proteomics, protein engineering, metabolic pathway, pharmacogenomics, discovery of new drugs and vaccines, molecular diagnostic kits, agro-biotechnology etc.</li> </ul>
No. of Participants	40

<b>DOCUMENTS ATTACHED:</b>		
<i>Note: Please attach original documents instead of photocopy (Xerox)</i>		
Detailed Report	Geotagged Photos with Caption	Notice/Brochure
Attendance	Letters if any (Invitation/Thanks)	Any other relevant Documents (Recourse Person CV/Feedback)



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**DETAILED REPORT**  
**One day hands on training workshop on Basic Techniques**  
**of Bioinformatics and its Applications in Biological**  
**research**  
**(13<sup>th</sup> February, 2024)**

The one day hands on training workshop on Basic Techniques of Bioinformatics and its Applications in Biological research was organized by Department of Zoology, in association with Internal Quality Assurance Cell (IQAC) Poona College of Arts, Science and Commerce Camp, Pune for the students of B.Sc. Third year and M.Sc. I & II Zoology on 13<sup>th</sup> February, 2024.

The first session was the formal inaugural for workshop in the college conference hall. The program was started with recitation of few verses of holy Quran then the Course coordinator Dr. Kalim Shaikh explained the main objectives of the workshop and detailed the schedule of the program and activities to be carried out in the workshop. Principal Prof. (Dr) Aftab Anwar Shaikh gave welcome address and felicitated the Resource person Dr. G.H. Kathwate, from Department of Biotechnology, Savitribai Phule Pune University, Pune. Mr. Wasim Shaikh Assistant Professor in Zoology introduced the resource person. On this occasion Vice Principal Dr. Iqbal Shaikh, Dr. Mujeeb Shaikh Head, Department of Zoology and all staff members of Department of Zoology were present. The inaugural session was followed by the introductory lecture by Dr. G.H. Kathwate on basics of bioinformatics. During this lecture speaker explained various techniques of bioinformatics and its application in biological research. The second session was the actual hands-on training and conducted by resource person Dr. G.H. Kathwate in the Computer lab. In this session expert demonstrated various techniques and solved assignments practically and participants also solved different tasks given by expert on the computer.

In the last session of course the valedictory program was organized in College Conference hall. On this occasion Prof. (Dr) Aftab Anwar Shaikh Principal of Poona College, Dr. Iqbal Shaikh Vice-Principal, Dr. Mujeeb Shaikh Head, Department of Zoology and all the staff members of Zoology department along with student participants were present. The program was started with recitation of few verses of holy Quran then some student participants also given their oral feedback and appreciated the efforts of the resource person and staff members of Zoology department for organizing this useful workshop. After this Prof. (Dr) Aftab Anwar Shaikh Principal given the presidential address. In his talk he advised that how to use the knowledge and skills gained from this workshop for the good quality research. He



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also suggested to the students for study computational technology and Life Sciences together for more job opportunities. After the presidential address the participation certificates were distributed to the participants. The program was concluded with vote of thanks proposed by Mrs. Anjum Pathan Assistant Professor, Department of Zoology. The overall workshop was coordinated by Dr. Kalim Shaikh.

## GEOTAGGED PHOTOS WITH CAPTIONS



**Dr. Mujeeb Shaikh Head, Department of Zoology giving welcome address. (13.02.2024)**



**Coordinator Dr. Kalim Shaikh Explaining Objectives of Workshop. (13.02.2024)**



**Mr. Wasim Shaikh introducing the Resource Person Dr.G.H. Kathvate (13.02.2024)**



**Dr. Mujeeb Shaikh felicitating the Resource Person Dr.G.H. Kathvate (13.02.2024)**



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**Dr. Kathvate delivering lecture on Basics of Bioinformatics (13.02.2024)**



**Dr. Kathvate interacting with audience during lecture (13.02.2024)**



**Hands-on training session (13.02.2024)**



**Hands-on training session (13.02.2024)**



**Felicitation of Resource person by Principal Prof. Aftab Anwar Shaikh in Valedictory**



**Guidance by Principal Aftab Anwar Shaikh in Valedictory session (13.02.2024)**



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session (13.02.2024)



Distribution of Certificate to the participants with the hands of guest (13.02.2024)



Participants Group photograph (13.02.2024)

**महा भारत दैनिक**  
पूना कॉलेज में जैव सूचना विज्ञान की तकनीकों पर कार्यशाला का आयोजन

पूना, 13 फरवरी (रा.प्र.) : पूना कॉलेज ऑफ आर्ट्स, साइंस और कॉमर्स में एक श्रेष्ठ स्तर की कार्यशाला का आयोजन किया गया। इस कार्यक्रम में प्रमुख अतिथि डॉ. मुजिब अजमल, कोचिंग सेंटर के प्रमुख और डॉ. अशोक शिंदे, कोचिंग सेंटर के प्रमुख का विशेष योगदान रहा। कार्यक्रम में डॉ. अशोक शिंदे ने मुख्य अतिथि का परिचय देते हुए कहा कि कोचिंग सेंटर में प्रमुख अतिथि का विशेष योगदान रहा। कार्यक्रम में डॉ. अशोक शिंदे ने मुख्य अतिथि का परिचय देते हुए कहा कि कोचिंग सेंटर में प्रमुख अतिथि का विशेष योगदान रहा।

कार्यशाला में प्रमुख अतिथि डॉ. मुजिब अजमल ने मुख्य अतिथि का परिचय देते हुए कहा कि कोचिंग सेंटर में प्रमुख अतिथि का विशेष योगदान रहा। कार्यक्रम में डॉ. अशोक शिंदे ने मुख्य अतिथि का परिचय देते हुए कहा कि कोचिंग सेंटर में प्रमुख अतिथि का विशेष योगदान रहा।

Media Coverage

**भारत डायरी**  
पूना कॉलेज में जैव सूचना विज्ञान की तकनीकों पर कार्यशाला का आयोजन

पूना, 13 फरवरी (रा.प्र.) : पूना कॉलेज ऑफ आर्ट्स, साइंस और कॉमर्स में एक श्रेष्ठ स्तर की कार्यशाला का आयोजन किया गया। इस कार्यक्रम में प्रमुख अतिथि डॉ. मुजिब अजमल, कोचिंग सेंटर के प्रमुख और डॉ. अशोक शिंदे, कोचिंग सेंटर के प्रमुख का विशेष योगदान रहा। कार्यक्रम में डॉ. अशोक शिंदे ने मुख्य अतिथि का परिचय देते हुए कहा कि कोचिंग सेंटर में प्रमुख अतिथि का विशेष योगदान रहा।

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Media Coverage

Dr. Kalim M. Shaikh  
Coordinator

Dr. Mujeeb A.J. Shaikh  
HOD



Date: 02-02-2024

To,  
The Principal,  
AKI's Poona College of Arts, Science & Commerce  
Camp, Pune-01


**Subject: Permission to conduct One day Hands-on training workshop on "Basic techniques of Bioinformatics and its applications in biological research" for UG/PG Zoology students.**


Respected Sir,

The Department of Zoology is planning to conduct a Hands-on training workshop on Basic techniques of Bioinformatics and its applications in biological research on 13/02/2024. The objective of the workshop is to introduce the most important and basic concepts, methods, and tools used in bioinformatics and provide competence in computational biology by providing training in the areas of molecular biology, information technology, statistics and bioinformatics. The workshop provides hands on expertise in the essential multi-disciplinary fields of genomics, proteomics, protein engineering, metabolic pathway engineering, pharmacogenomics, discovery of new drugs and vaccines, molecular diagnostic kits, agro-biotechnology that comprise the core of bioinformatics.

We are confident that this hands-on training workshop will be a great success and will contribute significantly to the overall growth, development and practical skills of the students. We would be honoured if you could grant us your permission to proceed with the said workshop.

Thanking you,

  
Dr. Kalim M. Shaikh  
Workshop Coordinator

Yours Faithfully,  
  
Dr. Muneeb Shaikh  
Head  
Department of Zoology

OK  
I 2/2/2024



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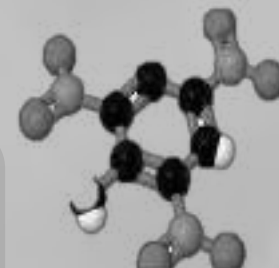
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Post-Graduate Department of Zoology  
In Association With  
Internal Quality Assurance Cell (IQAC)  
Organizes



One Day Hands-on Training Workshop On  
"Basic Techniques of Bioinformatics and its  
Applications in Biological Research"  
(Offline Mode)

## Resource Person



**Dr. G. H. Kathwate**  
M.Sc., Ph.D., CSIR-UGC NET  
JRF, ICAR-NET LS, GATE  
Assistant Professor  
Department of Biotechnology  
SPPU, Pune

## Details of the Workshop



**February 13, 2024 (Tuesday)**



**10:00am Onwards**



**Conference Hall &  
Computer lab.**



**Who can Attend?**

**UG / PG Zoology students**

**FREE  
REGISTRATION**

## Highlights

- Hands-on training on basics tools, techniques & software through practice problems and assignments.
- Certificates for all participants, attending the workshop.
- Opportunity to interact with experts.
- Registration through Google form link.

## Registration Link

<https://forms.gle/78PUyYpeHttbMJCCA>

## Topics Covered

- Overview of drug discovery and development
- Searching and preparation of the ligand(s) for docking in chemical database
- Molecular modelling of the protein using swiss model
- Molecular docking of a ligand in Autodock 4
- Analysis and visualization of the docking results in Discovery studio visualizer.

**Dr. Kalim Shaikh**  
Coordinator

**Dr. Mujeeb Shaikh**  
Head, Department of Zoology

**Dr. Iqbal Shaikh**  
Vice- Principal (Sci.)

**Prof. (Dr) Aftab Anwar Shaikh**  
Principal



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Pune - 411001 (MS) India



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2644 6315



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www.poonacollege.edu.in



## Post Graduate Department of Zoology

### NOTICE

Date: 08-02-2024

All the students of T.Y.B.Sc. and M.Sc. I & II Zoology hereby informed that the department of Zoology is conducting a **Hands-on Training Workshop on "Basic techniques of Bioinformatics and its applications in biological research"** on February 13, 2024.

All are advised to register your name through Google form link provided in workshop flyer. Further, for any query contact to Dr. Kalim Shaikh (Coordinator).

***Note:-Participation and Attendance is Mandatory for the Workshop.***

Dr. Kalim Shaikh  
Coordinator  
(Phone-7972224513)

Dr. Mujeeb Shaikh  
Head, Department of Zoology

Head  
Department of Zoology  
Poona College of Arts, Science  
and Commerce, Camp-Pune-1



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**Professor Dr. Aftab Anwar Shaikh**

M.Com, Ph.D (Busi. Admin.)

PRINCIPAL



+91 98226 21579



dranwarshaikh@gmail.com

Ref: PC/ZOO/WKSP/878/2023-24

Date: 09/02/2024

To

Dr. G.H. Kathwate

Department of Biotechnology

Savitribai Phule Pune University, Pune-411007

Subject: Invitation as a Resource Person to the Hands-on Training workshop on "Basic Techniques of Bioinformatics and its Applications in Biological Research"

Dear Sir,

The Post-graduate Department of Zoology in association with Internal Quality Assurance Cell (IQAC) organizes one day Hands-on training workshop on "Basic techniques of Bioinformatics and its applications in biological research" on February 13, 2024 for the UG and PG. Zoology students. It gives us immense pleasure to invite you to be the resource person for said workshop. It would indeed be a pleasure for our students to learn the basic techniques of Bioinformatics and its application in biological research from your expertise.

We very much look forward to hearing from you and hope that you would be willing to accept our invitation to this very important event.

Yours sincerely,

Prof. (Dr.) Aftab Anwar Shaikh

Principal  
PRINCIPAL

Poonna College of Arts, Science & Commerce  
Camp, Pune-411001  
Principal Office





Anjuman Khairul Islam's

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## Post-graduate Department of Zoology

in Association with

Internal Quality Assurance Cell (IQAC)

Organizes

One day Hands-on Training Workshop

On

**“Basic techniques of Bioinformatics and its applications in biological research”**

**13<sup>th</sup> February, 2024**

### Program Copy

Date/Day	Time	Venue	Details
13/02/2024 (Tuesday)	11.00-11.30am	College Conference Hall	<b>Inaugural program</b> Formal Inauguration by Prof. (Dr) Aftab Anwar Shaikh (Principal), Dr. Iqbal N. Shaikh (Vice Principal), Dr. Mujeeb Shaikh (Head, Department of Zoology) & all staff members of Zoology.
	11.30 am -1.30pm		<b>Introductory lecture on Basic Techniques of Bioinformatics</b> By- Dr. G.H. Kathwate Department of Biotechnology Savitribai Phule Pune University, Pune.
	1.30pm-2.30pm	<b>Lunch Break</b>	
	2.30pm-4.30pm	Computer Science Lab	<b>Hands-on Training practical session</b> By- Dr. G.H. Kathwate Department of Biotechnology Savitribai Phule Pune University, Pune.
	4.30pm-5.00pm	College Conference Hall	Valedictory Program & Certificate Distribution

Dr. Kalim Shaikh  
Course Coordinator

Dr. Mujeeb Shaikh  
Head, Department of Zoology





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### Attendance Sheet

Date of Activity: 13/02/2024		Time: 11.00am to 5.00pm		
Activity Name	One day Hands-on Training Workshop on "Basic techniques of Bioinformatics and its applications in biological research"	Coordinator Name		
		Dr. Kalim M. Shaikh		
Department/Committee:		Zoology		
Number of Participants:				
Sr.No	Name	Class	Roll No	Sign of Participant
1.	Fasiha Nasim Bogdi	TyBsc	8076	<i>Fasiha</i>
2.	Afsana Vazir Pathan	TyBsc	8077	<i>Afsana</i>
3.	Mantasha Fayyaz Ansari	TyBsc	8089	<i>Mantasha</i>
4.	Misbah Ayub Shaikh	TyBsc	8055	<del>+</del>
5.	Saniya Ayub Sheikh	TyBsc	8066	<i>Saniya</i>
6.	Shaikh Nazim Akil	TyBsc	8065	<i>Nazim</i>
7.	Misbah Mohd Fayyaz Ansari	Ty. Bsc.	8088	<i>Misbah</i>
8.	Khan Alfiya Muslim	TyBsc	8081	<i>Alfiya</i>
9.	Baagi Fatima Ayyub	Ty. Bsc	8067	<i>Fatima</i>
10.	Judge Saaliya Mohammad Yusuf.	Ty. Bsc	8082	<i>Saaliya</i>
11.	Makandar Maseera begum Baski's	Ty. Bsc	8084	<i>Maseera</i>
12.	Shaikh Afsha Raqiyum	Ty. Bsc	8057	<i>Afsha</i>
13.	Khat Saifa Saqieb	TyBsc	8090	<i>Saifa</i>
14.	Juwera Sajid Anwar	Ty Bsc	8051	<i>Juwera</i>
15.	Shaikh Saniya Shahim	MSc-I	8405	<i>Saniya</i>
16.	Mamta Misbah Shateen Khawaja	MSc -I	8404	<i>Mamta</i>
17.	Saniya Azka	MSc-I	8410	<i>Saniya Azka</i>
18.	W. Raniya Chame	MSc I	8407	<i>Raniya</i>
19.	Shaikh Fatima Md. Aslam	Ty. Bsc	8064	<i>Fatima</i>
20.	Afa. A. Khan	Ty. Bsc	8060	<i>Afa</i>

*Dr. Kalim M. Shaikh*  
Dr. Kalim M. Shaikh  
Signature of Coordinator



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### Attendance Sheet

Date of Activity: 13/02/2024		Time: 11.00am to 5.00pm		
Activity Name: One day Hands-on Training Workshop on "Basic techniques of Bioinformatics and its applications in biological research"		Coordinator Name: Dr. Kalim M. Shaikh		
Department/Committee: Zoology				
Number of Participants:				
Sr.No	Name	Class	Roll No	Sign of Participant
1.	Dhanashree Satish Kamale	M.Sc-1	8402	
2.	Ahija Riya Sajjan	M.Sc-1	8403	
3.	dasa Petkar . S.	M.Sc-2	8411	
4.	Zoya Khan	M.Sc-II	8461	
5.	Tanzila M. Memon	M.Sc II	8459	
6.	Shaikh Musfirah K	M.Sc II	8460	
7.	Tulve Saniya Shiraj	M.Sc II	8464	
8.	Shaikh Khansa Saleem	M.Sc II	8456	
9.	Khan Aaysha	M.Sc II	8451	
10.	Ahsoni Jyoti	M.Sc II	8458	
11.	Shaikh Shifa	M.Sc II	8452	
12.	Lekhande Reza	M.Sc II	8453	
13.	Elshamir Abhinav Singh	M.Sc I	8408	
14.	Fuzailur Brahman	T.Y.B.Sc	8058	
15.	Jadish Anvari	T.Y.B.Sc	8054	
16.				
17.				
18.				
19.				
20.				

13/02/2024  
Dr. Kalim M. Shaikh  
Signature of Coordinator





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**POONA COLLEGE OF ARTS, SCIENCE & COMMERCE**

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CAMP, PUNE - 411001

**Post Graduate Dept. of Zoology**

in association with

**Internal Quality Assurance Cell [IQAC]**

Organizes

**One Day Hands-on Training Workshop On  
BASIC TECHNIQUES OF BIOINFORMATICS**

**AND ITS APPLICATIONS IN BIOLOGICAL RESEARCH**

*Certificate*



This is to certify that Mr. / Ms. \_\_\_\_\_

of \_\_\_\_\_ has Participated in One Day Hands on Training  
Workshop on "Basic Techniques of Bioinformatics and it's Applications In Biological Research"  
organised on 13th February 2024.

Dr. Kalim M. Shaikh  
Coordinator

Dr. Mujeeb A. J. Shaikh  
Head, Dept. of Zoology

Dr. Iqbal N. Shaikh  
Vice-Principal,  
IQAC Coordinator

Prof. (Dr.) Aftab Anwar Shaikh  
Principal,  
Poona College, Pune

# Resume

## Gunderao (Santosh) Hanumant Kathwate



- **Address for Correspondence:** santoshkathwate@gmail.com
- **Mobile:** +919975922727
- **Department of Biotechnology, Savitribai Phule Pune University, Pune 411007**

### Present Status:

- *Assistant Professor* at Department of Biotechnology, Savitribai Phule Pune University, Pune, INDIA
- *Since 2017 till date*

### Educational Qualifications:

- *Ph.D. in Biotechnology (2015)*
  - *Thesis Topic:* Potential of Selected Molecules as Anti-Candida albicans Agents
  - *Guidance:* Prof. S. Mohan Karuppaiyil, School of Life Science, SRTM University, Nanded
- *M. Sc. in Biotechnology (2003)*
  - School of Life Sciences, Swami Ramanand Teerth Marathawada University, Nanded, India.
- *B. Sc. in Microbiology (2001)*
  - Rajarshi Shahu College, Latur, affiliated to Swami Ramanand Teerth Marathawada University, Nanded, India.

### Awards/Fellowships:

- Joint CSIR-UGC NET JRF June-2012
- GATE- 2011
- ICAR-NET LS-2010
- Joint CSIR-UGC NET JRF June 2009
- Rajiv Gandhi National Fellowship 2008
- Joint CSIR-UGC NET LS December 2008

### Work Experience:

- *Assistant Professor*, Department of Microbiology, Savitribai Phule Pune University, Pune (M.S.), INDIA
  - *Duration:* September 2016 to March 2017
- *Assistant Professor*, Department of Biotechnology, Rajarshi Shahu College, Latur. Dist- Latur (M.S.), INDIA
  - *Duration:* January 2012 to September 2016
- *Lecturer in Biotechnology*, Rajarshi Shahu College, Latur. Dist- Latur (M.S.), INDIA
  - *Duration:* June 2006 to July 2008
- *Microbiologist cum Chemist*, Nirman Pharma G.I.D.C. Vapi (GUJ.), INDIA
  - *Three Months*

- *Microbiologist cum Chemist*, Sunrich Aqua at Mundada Foods, MIDC, Latur(M.S.), INDIA
  - *One Year*

### Technical Skills:

- Plant, Animal, Bacterial, and Plasmid DNA isolation.
- PCR, Restriction digestion, RAPD, RFLP, AFLP analysis
- Real-Time PCR
- SDS PAGE and 2D gel electrophoresis for proteins
- UV/Visible and FT-IR spectroscopic analysis of nanoparticles
- Handling of Microbial cultures, isolation, identification, and maintenance of pure microbial cultures
- Basic Animal, Plant, and Bacterial cell techniques
- Karyotype preparation from peripheral blood
- Cell cycle assay by Flow cytometry
- Enzyme, Biofilm, Cytotoxicity, and Genotoxicity assays
- Fluorescence Microscopic, SEM, and Confocal Microscopic imaging of Microbial Biofilms
- Handling of experimental organisms like *C. elegans* and Mouse

### Publications:

1. Bhosale D, Narale A, Raut D, Bamankar M, Kathwate G, Chaudhari P, Chavan A, Pinjari R, Lawand A. Microwave assisted green synthesis, Single crystal XRD, DFT, Hirshfeld surface analysis, Antibiofilm, Anti-inflammatory activity and Molecular docking study of 4-(4-Fluorophenyl)-5-methyl-1, 3-thiazole-2-amine. *Journal of Molecular Structure*. 2023 Dec 15;1294:136492.
2. Pol R, Rahaman A, Kumbhar N, Pable A, Kathwate G, Barvkar VT, Jadhav UU. Isolation, Purification, and Identification of Antioxidant Peptides from Wastewater of Cheese Making Industry. *ES Food & Agroforestry*. 2023 Jun 19;13:911.
3. Meshram RJ, Kathwate GH, Gacche RN. Progress, evolving therapeutic/diagnostic approaches, and challenges in the management of hepatitis C virus infections. *Archives of Virology*. 2022 Mar;167(3):717-36.
4. Deshmukh N, Kathwate G. Biosurfactant Production by *Pseudomonas aeruginosa* Strain LTR1 and its Application. *Biointerface Res. Appl. Chem.*. 2022;13:10.
5. Kathwate GH. In silico design and characterization of multi-epitopes vaccine for SARS-CoV2 from its spike protein. *International Journal of Peptide Research and Therapeutics*. 2022 Jan;28(1):37.
6. Deshmukh N, Kadam D, Deshmukh P, Kathwate G. Utilization of biosurfactant produced by *Pseudomonas aeruginosa* strain LTR1 for the synthesis of the silver nanoparticles and their application as antimicrobial agents. *Journal of Applied Biology and Biotechnology*. 2022 Feb 15;10(2):35-41.
7. Kathwate GH, Shinde RB, Mohan Karuppayil S. Non-antifungal drugs inhibit growth, morphogenesis and biofilm formation in *Candida albicans*. *The Journal of antibiotics*. 2021 May;74(5):346-53.
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Date : 13

To whom it may Concern,

This is to certify that Mr FARDIN FEROZ MANIYAR working as a Laboratory Technologist in our laboratory from 18<sup>th</sup> SEPTEMBER 2022 till now

He has responsibly carried out the following works during her tenure with us

- 1) Collect, label analyser the Samples of blood, toxic, etc.
- 2) Ensure Safety guidelines in Storage maintenance of poses fluids, chemical Substances, etc
- 3) Conduct tests using appropriate instruments and record the test results in specified forms
- 4) Maintain laboratory equipment and order timely the laboratory Supplies.

To the best of our knowledge we can Say that he has good working knowledge in clinical pathology, Phlebotomy, Biochemistry, Haematology & and related fields. He is dedicated and Sincere in his work.

Thanking you

ALPHA DIAGNOSTICS


Proprietor

Mr. MD ARIF KARIGAR

9309866343

**For ALPHA DIAGNOSTICS**

  
**Proprietor**

  
**ALPHA DIAGNOSTICS**

Office No. 104, Silver Jubilee Bldg.,  
Br. No. 42/1/9/7, Opp. JK Park,  
Kondhwa-Khurd, Pune 411048.



# Life Care Clinical Laboratory



## CERTIFICATE

Date: 16/12/2023

To,  
The Principal,  
Poona college, Pune Tal.  
Dist.: Pune- 412308

Subject: - Completion of Internship in Laboratory

Respected sir,

Your student Miss Shahida Mohd. Ismail Naikwadi has completed training

From 01/06/2023 to 30/11/2023 at Life Care clinical Laboratory, Pune She is good at routine laboratory testing and related work.

She is well trained in Biochemistry, Hematology, Clinical pathology, Histopathology and Microbiology section.

She is well versed with semi Automatic Analyzers and Automatic Cell Counter. She is sincere and hard working student.



Consulting Pathologist

**Dr. Monika Thorat**  
(M.D. Pathology)



# Life Care Clinical Laboratory

AN ISO



## CERTIFICATE

Date: 01/04/2024

To,  
The Principal,  
Poona college, PuneTal.  
Dist.: Pune- 412308

**Subject: - Completion of Internship in Laboratory**


Respected sir,


Your student Miss Tayyaba Musharaf Siddiqui has completed training  
From 01/10/2023 to 31/03/2024 at Life Care clinical Laboratory, Pune She is good at routine  
laboratory testing and related work.

She is well trained in Biochemistry, Hematology, Clinical pathology, Histopathology  
and Microbiology section.

She is well versed with semi Automatic Analyzers and Automatic Cell Counter. She is  
sincere and hard working student.



  
Consulting Pathologist

  
Dr. Monika Thorat  
(M.D. Pathology)





**BHARAKT**  
**DIAGNOSTICS**



Sub :Phlebotomist at Bharakt Diagnostics Pvt Ltd.,

Dear Umama Tamboli

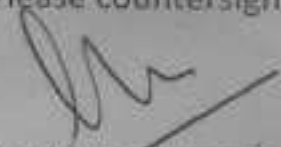
This is with reference to your interview for the aforesaid position.

We are pleased to inform you that you are offered the above position with our company effective on and from 1-06-2024 under the following terms and conditions:

- **Working Hours: Flexible.**
- **Working days:** 6 days a week, with rotational offs. (Rotational offs will be decided by your Manager.)
- **Probationary period :** Your appointment is for a probationary period of six months. Effective from the date of your joining service . Your performance will be review during the probationary period and if it is not found to be satisfactory according to our labs standards ,we shall have the absolute right to terminate your service at anytime before expiry of the probationary period. The probation period can be further extend at to discretion of the management. There will be no Automatic Confirmation of your service by virtue of lapse of probationary period .if your work and conduct is found satisfactory by us, your service will be confirmed.
- **Notice Period:** All employee must serve a compulsory notice period of one month, failing which, Bharakt Diagnostics reserves the right to withhold your outstanding payments.
- **Professional misconduct :** All episodes of unethical and unprofessional behaviour including but not limited to mishandling cash, indulging in unethical behaviour, misbehaviour with female colleagues, foul language, irresponsible statements made to clients or in public or on social media likely to harm Bharakt Diagnostics goodwill and reputation, late arrivals, early departures without prior consent of your reporting manager shall be dealt with strictly. Bharakt Diagnostics reserves the right to terminate severe cases without any prior notice and with immediate effect. In such cases, Bharakt Diagnostics may also refuse to clear any full and final settlement of the employee.
- You hereby accept all of Bharakt Diagnostics policies (attached at Annexure A) hereto and no exceptions to the same shall be allowed.

We look forward to your continued collaboration and alignment with Bharakt Diagnostics vision and wish you all the best for your professional journey ahead.

Please countersign in the space below to convey your acceptance.

  
Authorized Signatory

  
Witness

  
Umama Tamboli