

## CERTIFICATE

This is to certify that the project work entitled "*Thomas Hardy: Victorian Novelist and Poet*" carried out by *Baig Mohtesib Ali Haseeb Ali* bearing seat number NBF601007 is completed under my supervision for the partial fulfillment of B.A Degree Course in the subject of English- Paper No.XVI (Main), for the Academic year March /April 2022-2023

Seat no: NBF601007

Date: 15-04-2023

Place: Aurangabad



  
Head  
Supervisor

Department of English  
Maulana Azad College of Arts, Science & Commerce  
Dr. Rafiq Zakaria Campus, Rauza Saugh, Aurangabad.



Dr. Khon Mahlaqa .A

Name and Signature of  
External Examiner

# CERTIFICATE

This is to certify that the project work entitled "**John Keats A Romantic Poet**" carried out by **Amna Bin Hilabi** bearing seat number NBF601009 is completed under my supervision for the partial fulfillment of B.A Degree Course in the subject of English- Paper No.XVI (Main), for the Academic year March /April 2022-23.

Seat no: NBF601009

Date: 15 - 4 - 23

Place: AURANGABAD



  
Supervisor

Department of English

Maulana Azad College of Arts, Science & Commerce  
Dr. F. ... Campus, Rasta Raugh, Aurangabad.



Name and Signature of  
External Examiner

Dr. Khan Mahlaqa . A


## CERTIFICATE

This is to certify that the project work entitled "Thematic Concerns in The Writing of Virginia Woolf" carried out by Mr. Ahmed Raza Farash bearing seat number NBF601013 is completed under my supervision for the partial fulfillment of B.A Degree Course in the subject of English- Paper No.XVI (Main), for the Academic year March /April 2022-23.

Seat no: NBF601013  
Date: 15/04/2023  
Place: AURANGABAD



  
Head  
Supervisor  
Department of English  
Maulana Azad College of Arts, Science & Commerce  
L. G. Zakaria Campus, Rauza Baugh, Aurangabad.

  
Name and Signature of  
External Examiner  
Dr. Khan Mahlaqa-A

## CERTIFICATE

This is to certify that the project work entitled "**The Novels Of Charles Dickens: A Critical Study**" carried out by Hashmi Syed Osama bearing seat number NBF601017 is completed under my supervision for the partial fulfillment of B.A Degree Course in the subject of English- Paper No.XVI (Main), for the Academic year March /April 2022-23.

Seat no: NBF601017

Date: 15/4/23

Place: --Aurangbad



Head

Supervisor Department of English

Maulana Azad College of Arts, Science & Commerce  
Dr. Shaikh Kalimoddin Rashid Rauza Bough, Aurangabad.

Assistant Professor & Head, Department of English

MAULANA AZAD COLLEGE OF ARTS,

SCIENCE & COMMERCE, AURANGABAD- 431 001(INDIA)

Name and Signature of  
External Examiner

Dr. Khan Mahlaga -A

## CERTIFICATE

This is to certify that the project work entitled "**THE NOVELS OF JANE AUSTEN: A FEMINIST PERSPECTIVE**" carried out by **MUSKAN FEROZ KHAN** bearing seat number NBF601025 is completed under my supervision for the partial fulfillment of B.A Degree Course in the subject of English- Paper No.XVI (Main), for the Academic year March /April 2022-23.

Seat no: NBF601025

Date: 15/04/2023


Place: Aurangabad



  
Supervisor

Department of English

Maulana Azad College of Arts, Science & Commerce  
Dr. Rafiq Zakaria Campus, Rauza Baugh, Aurangabad.

  
Name and Signature of  
External Examiner

Dr. Khan Mahlagha. A

## CERTIFICATE

This is to certify that the projectwork entitled "**The Element of Nature In The Poetry of William Wordsworth**" carried out by **Khan Saniya Feroz** .Bearing seat number NBF601027 is completed under my supervision for the partial fulfillment of B.A Degree Course in the subject of English- Paper No.XVI (Main), for the Academic year March/April 2022-23.

Seat no: NBF601027

Date: 15 April 2023

Place: Aurangabad.



Name and Signature of

External Examiner

Dr. Khan Mahlagg. A





Supervisor

Department of English

Maulana Azad College of Arts, Science & Commerce  
Dr. P. Iliq Zakaria Campus, Rauza Bagh, Aurangabad.

## CERTIFICATE

This is to certify that the project work entitled "**Jonathan Swift : A Satirist**" carried out by **Roshni Khan** bearing seat number NBF601051 is completed under my supervision for the partial fulfillment of B.A Degree Course in the subject of English- Paper No.XVI (Main), for the Academic year March /April


2022-23.

Seat no: NBF601051


Date: 15/04/23

Place: Aurangabad



  
Supervisor

Department of English  
Madana Azad College of Arts, Science & Commerce  
D. S. Zakaria Campus, Rauza Baugh, Aurangabad.

  
Name and Signature of  
External Examiner

Dr. Khan Mahlagha .A

## CERTIFICATE

This is to certify that the project work entitled "**John Milton A Critical Study**" carried out by **Shaikh Fahim Shaikh Naim** bearing seat number **NBF601060** is completed under my supervision for the partial fulfillment of B.A Degree Course in the subject of English- Paper No.XVI (Main), for the Academic year March /April 2022-23.

Seat no:NBF601060


Date: 15/04/2023

Place: Aurangabad



  
Supervisor  
Head

Department of English  
Maulana Azad College of Arts, Science & Commerce  
Dr. Rafiq Zakaria Campus, Rauza Baugh, Aurangabad.

  
Name and Signature of  
External Examiner

Dr. Khan Mahlaqa



# CERTIFICATE

This is to certify that the project work entitled "John Dryden: A Study of His Dramas" Carried out by. Shaikh Saba Afreen Afaque Ahmed Bearing seat number- NBF601071 is completed under my supervision for the partial fulfillment of B. A Degree Course in the subject of English- Paper No. XVI (Main), for the Academic year March/April 2022-23.

Seat no: NBF601071

Date: 15/4/2023.

Place: Aurangabad.



  
Head  
Department of English  
Maulana Azad College of Arts, Science & Commerce  
L. B. Ali Zakaria Campus, Rauza Baugh, Aurangabad.



Name and Signature of External Examiner

Dr. Khan Mahlaga. A

## CERTIFICATE

This is to certify that the project work entitled "**John Donne: A Metaphysical Poet**" carried out by **Uzma Aara Badroddin Shaikh** bearing seat number NBF 601075 is completed under my supervision for the partial fulfillment of B.A Degree in the subject of English- Paper No.XVI for the Academic year 2022-23.

Seat no: NBF 601075

Date: 15/04/23

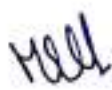
Place: Aurangabad



  
Supervisor  
Head

Department of English

Maulana Azad College of Arts, Science & Commerce  
Dr. Rafiq Zakaria Campus, Rauza Baugh, Aurangabad.

  
Name and Signature of  
External Examiner  
**Dr. Khan Mohlaqa A**

## CERTIFICATE

This is to certify that the project work entitled "**William Shakespeare's Select tragedies :A Thematic Analysis**" Carried out by **Yarkhan Zaina** bearing seat number NBF601085 is completed under my supervision for the partial fulfillment of B.A Degree Course in the subject of English- Paper No.XVI (Main), for the Academic year March /April 2022-23.

Seat no: NBF601085

Date: 15-4-23


Place: AURANGABAD



  
Supervisor  
Head

Department of English

Maulana Azad College of Arts, Science & Commerce  
Muhiy Zakaria Campus, Rauza Baugh, Aurangabad.

  
Name and Signature of  
External Examiner

Dr. Khan Mahlaga .A

**Maulana Azad College of Arts, Science and Commerce**  
Dr. Rafiq Zakaria Campus, Rouza Baugh, Aurangabad

**Department of English**  
Attendance BA TY (Main) Project, P-XVI  
Year 2022-23

Date: 15/04/2023

Sr. no	Name of the Student	Seat number	PRN	Sign
1	Baig Mohtesib Ali Haseeb Ali	NBF601007	2020015200271053	
2	Bin Hilabi Aamna Amar	NBF601009	2020015200264865	
3	Farash Ahmed Raza Liakat Ali	NBF601013	2020015200270057	
4	Hashmi Syed Osama Syed Muzammil Ahmed	NBF601017	2020015200272354	
5	Khan Muskan Feroz	NBF601025	2020015200265427	
6	Khan Sania Feroz	NBF601027	2020015200078797	
7	Roshni Mushtaq Ahmed Bawani	NBF601051	2020015200286814	
8	Shaikh Fahim Shaikh Naim	NBF601060	2020015200258957	
9	Shaikh Saba Afreen Afaque Ahmed	NBF601071	2019015200189783	
10	Shaikh Uzma Aara Baduroddin	NBF601075	2020015200269352	
11	Yar Khan Zaina Ashfak	NBF601085	2020015200286837	

**Dr. Khan Mahlaqa Afzal**  
External Examiner



**Dr. Shaikh Kalimoddin Rashid**  
Assistant Professor & Head  
Department of English  
Maulana Azad College of Arts, Science & Commerce  
Dr. Rafiq Zakaria Campus, Rauza Baugh, Aurangabad.



**Maulana Azad College of Arts, Science & Commerce**  
**Dr. Rafiq Zakaria Campus**

Post Box No. 27, Dr. Rafiq Zakaria Marg, Rauza Bagh, Aurangabad-431001 Maharashtra, (India)  
Tel: 0240-2381192, 2381668 | Web: <http://www.mazc.ac.in> | Fax: 0240-2381427 | Email: [mazcprincipal@gmail.com](mailto:mazcprincipal@gmail.com)

**MINORITY INSTITUTE**

**UGC's Status: "COLLEGE WITH POTENTIAL FOR EXCELLENCE"**

NAAC Re Accredited Grade 'A'

Ref. No. MAC: 12 /2023-2024/ L10

Date :- 10-04-2023

To,  
**Dr. Khan Mahlaqa Afzal,**  
Associate Professor-in-English,  
Dr. Rafiq Zakaria College for Women,  
Navkhanda, Aurangabad.


**Subject: - Appointment as an External Examiner.**

Madam,

I am glad to appoint you as an External Examiner for B.A. III Year (Main) Project of March / April 2023 in the subject of English on 15<sup>th</sup> April 2023 at 10:30 a.m. in our College.

Kindly make it convenient to attend the same in the Department of English and communicate your consent to the Head, Department of English.

Thanking you.

  
**(Dr. Mazahar Ahmad Farooqui)**

**Principal**  
Maulana Azad College of Arts,  
Science & Commerce,  
Rauza Bagh, Aurangabad.

*Received with thanks*

*M.A.*  
*11/04*

**Maulana Azad College of Arts, Science & Commerce**  
Dr. Rafiq Zakaria Campus, Rauza Baugh, Aurangabad.

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Date: 15-12-2022

**NOTICE**

The Student of B.A. (III Year) Main Project in English is hereby informed to attend the Viva-Voce on 16<sup>th</sup> December 2022 at 11:00 a.m. in the Department of English and submit a Project to the Head, Department of English.

( Dr. Mazahar Ahmad Farooqui )

Principal

**PRINCIPAL**  
Maulana Azad College  
AURANGABAD.



**Maulana Azad College of Arts, Science & Commerce**  
**Dr. Rafiq Zakaria Campus**

Post Box No. 17, Dr. Rafiq Zakaria Marg, Rauze Raugh, Aurangabad-431001 Maharashtra, (India)  
Tel: 020-2511011-1101001; Web: [maulanaazad.ac.in](http://maulanaazad.ac.in); Fax: 020-2511011; Email: [maulanaazad@maulanaazad.ac.in](mailto:maulanaazad@maulanaazad.ac.in)

**MINORITY INSTITUTE**

NAAC Re Accredited Grade 'A' UGC's Status: "COLLEGE WITH POTENTIAL FOR EXCELLENCE"

Ref. No. MAC: 19 / 2023 - 2024 / 69

Date :- 15-04-2023

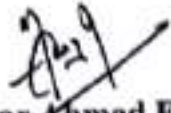
To,  
**The Principal**  
Dr. Rafiq Zakaria College for Women,  
Navkhanda, Jubilee Park, Aurangabad.

**Subject :- Relieving Letter.**

Sir,

**Dr. Khan Mahlaqa Afzal**, Associate Professor-in-English, of your College has worked as an External Examiner in the subject of English in B.A. III Year Main (Project) Paper No. XVI for April 2023 examinations held on 15<sup>th</sup> April 2023. She has been relieved on 15<sup>th</sup> April 2023 in afternoon.

Thanking you,

  
**(Dr. Mazahar Ahmad Farooqui)**

**Principal**

Maulana Azad College of Arts,  
Science & Commerce,  
Rauze Raugh, Aurangabad.

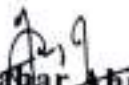
**Maulana Azad College of Arts, Science & Commerce**  
Dr. Rafiq Zakaria Campus, Rauza Baugh, Aurangabad.

Date: 11-04-2023

**NOTICE**

All the Regular Students of B.A. VI Semester (Main History) are hereby informed that their project (based on Paper No. XII + XVI) University Oral examinations will be held on **15<sup>th</sup> April 2023 at 09:30 a.m.** in the Department of History.

All should take note of it act accordingly.

  
(Dr. Mazhar Ahmad Farooqui)  
Principal

Maulana Azad College of Arts,  
Science & Commerce,  
Rauza Baugh, Aurangabad.







Maulana Azad College of Arts, Science & Commerce,  
Dr. Rafiq Zakaria Campus, Ranza Bagh, Aurangabad 431001  
Department of History 2022-23

Main History Paper No. XII & XVI History Project Based IHS-15-13 Project Work Max Mark:100 Min Mark:40  
Count of Students:19

Sr No.	Roll No.	Seat No.	Name of the Student	Title of the Project	Mobile No	PRN	Signature
1	50	NBF601003	Arhaj Khan Ayyub Khan	Aurangzeb Alamgir	728175348	2020015200285641	[Signature]
2		NBF601005	Bagwan Danish Shoukat	Islam in South Asia	9541505454	2020015200620774	[Signature]
3	31	NBF601008	Basolan Fatema Begum	Jahan Ara Begum	7412802162	2020015200270703	[Signature]
4	31	NBF601015	Girewad Rosika Anil	Architecture in South Asia	9030965241	2020015200265346	[Signature]
5		NBF601029	Mallick Afrin Mallick	Nehru on Islam in India	9921455414	2020015200286161	[Signature]
6		NBF601030	Mid Arsal Alam	Mughal Military History	9264192613	2020015200189775	[Signature]
7	29	NBF601031	Mirza Saba Yunus	Yeshwantrao Balwanji Chavan	7057028626	202001520021397	[Signature]
8		NBF601034	Mohammad Mannawar	An Outline of Mystical Ideas and Its Spread in Deccan	983404113	2020015200261832	[Signature]
9	52	NBF601044	Pakhale Vegini	Diaspora Literature History	7811943584	2020015200283723	[Signature]
10	73	NBF601046	Pathan Riyaj Chand	Pitalkhora Caves	9083963720	2020015200620863	[Signature]
11	38	NBF601049	Quadri Rani Azizuddin	Caves	350322858	2020015200265354	[Signature]
12	24	NBF601052	Sayyad Sana Hameed	Mahatma Phule	9021187387	2020015200270243	[Signature]
13	42	NBF601055	Shaikh Sameer Liyakat	Swami Vivekananda History	9112658857	2020015200265512	[Signature]
14	39	NBF601058	Shaikh Abuzar Rahim	African Diaspora in Deccan and Malik Ambar	7776003402	2020015200270107	[Signature]
15		NBF601062	Shaikh Khalid Naseer	Dr. Babasaheb Ambedkar Life and Struggle	8656886035	2020015200272203	[Signature]
16	40	NBF601063	Shaikh Khurram Gulfam	Islamic Civilization Teynbee's Theory	9325268361	2020015200271761	[Signature]
17	41	NBF601067	Shaikh Mudassir Vajir	Online Information of Daulatabad Fort & History	9637966094	2020015200269971	[Signature]
18		NBF601068	Shaikh Naveed Naseer	Maulana Abul Kalam Azad	818310237	2020015200272331	[Signature]
19	44	NBF601085	Shaikh Ayesha Naushin	Sufism in Aurangabad History	9104222656	2020015200269305	[Signature]

Signature of Head

35/01/2023

Dr. Shaikh Musak Rajj  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci & Comm  
Ranza Bagh, Aurangabad 431001 (P. S.

Internal Examiner & Guide Teacher

Dr. Shaikh Musak Rajjak  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci & Comm

Date: 35-11-2023

External Examiner

Dr. SHAIKH ABDULLAH

Department of History  
Maulana Azad College of Arts, Sci & Comm  
Ranza Bagh, Aurangabad 431001





**Maulana Azad College of Arts, Science & Commerce**  
**Dr. Rafiq Zakaria Campus**

Post Box No. 27, Dr. Rafiq Zakaria Marg, Hanra Bagh, Aurangabad-431001 Maharashtra, (India)  
Tel: 0240-2392182, 2392188. Web: <http://www.mazad.ac.in> Fax: 0240-2390427 Email: [marprincipal@mazad.ac.in](mailto:marprincipal@mazad.ac.in)

**MINORITY INSTITUTE**

**UGC's Status: "COLLEGE WITH POTENTIAL FOR EXCELLENCE"**

NAAC Re Accredited Grade 'A'

Ref No MAC: 12 / 2023 - 2024 / 26

Date: 11-04-2023

To,  
**Dr. Abdullah Chaush,**  
Assistant Professor-in-History,  
Dr. Rafiq Zakaria College for Women,  
Navkhanda, Aurangabad.

**Subject: Appointment as an External Examiner in the subject History of B.A. III Year VI Semester April 2023.**


Sir,

I am pleased to appoint you as an External Examiner for Oral Examination of B.A. III (VI Semester) in the subject of History (Main Paper No XII + XVI) on **15<sup>th</sup> April 2023** in the Department of History at 09:30 a.m.

Kindly convey your consent to the Head of the Department of History at your earliest for the same.

Thanking you,

Yours faithfully,

  
(Dr. Mazhar Ahmad Farooqui)  
Principal



*Received*  
*Abdullah*  
*19/4/2023*



**Maulana Azad College of Arts, Science & Commerce**  
**Dr. Rafiq Zakaria Campus**

Post Box No. 27, Dr. Rafiq Zakaria Marg, Hauza Bagh, Aurangabad-431001 Maharashtra (India)  
Tel: 0240-2381192, 2381648 | Web: <http://www.mazad.ac.in> | Fax: 0240-2379422 | Email: [marprincipal@gmail.com](mailto:marprincipal@gmail.com)

**MINORITY INSTITUTE**

NAAC Re Accredited Grade 'A'

**UGC's Status: "COLLEGE WITH POTENTIAL FOR EXCELLENCE"**

Ref. No. MAC: 12 / 2023-2024 / 73

Date :- 15-04-2023

To,  
**The Principal**  
Dr. Rafiq Zakaria College for Women  
Navkhanda, Aurangabad.


**Subject: - Relieving Letter.**

Sir,

**Dr. Abdullah Chaush**, Department of History of your College has worked as an External Examiner in the subject of History in B.A. III Year main subject (Project) April 2023 examinations held on 15<sup>th</sup> April 2023. He has been relieved on 15<sup>th</sup> April 2023 in afternoon.

Thanking you,

Yours faithfully,

  
**(Dr. Mazhar Ahmad Farooqui)**

Principal

Principal  
Maulana Azad College of Arts,  
Science & Commerce,  
Hauza Bagh, Aurangabad.



# Dr. Babasaheb Ambedkar Marathwada University

University Campus, Aurangabad-431004, Maharashtra (India)

with 'A' Grade

Recognized by UGC (U-20 and 12B), NAAC Reaccredited

https://www.dabuniversity.ac.in

## Blank Mark List For

B.A. - Regular-P-2013 - T.Y.B.A. - Sixth Semester For April/May-2023

College: Maulana Azad College of Arts, Science & Commerce, Aurangabad (06), Post Box No 27, Dr. Rafiq Zakaria Campus, Rauza Bagh, Aurangabad, Aurangabad, Aurangabad Pin: 431001

Sl. No	Seat Number	PRN	Student Name	Marks	Total
1	NBF601003	2020015200285641	ARBAJ KHAN AYYUB KHAN	90	Ninety
2	NBF601005	2020015200620774	BAGWAN DAMSH SHOUKAT	85	Eighty Five
3	NBF601008	2020015200270703	BASOLAN FATEMA BEGUM HUSAIN BASOLAN	90	Ninety
4	NBF601015	2020015200285346	GIREWAD RASIKA ANIL	93	Ninety Three
5	NBF601029	2020015200286161	MALLICK AFRIN MALLICK MUJIBAR	93	Ninety Three
6	NBF601030	2019015200189775	MD ARSAD ALAM	85	Eighty Five
7	NBF601031	2020015200271397	MIRZA SABA YUNUS	93	Ninety Three
8	NBF601034	2020015200261832	MOHAMMAD MUNNAWAR MOHAMMAD ALTAF	80	Eighty
9	NBF601044	2020015200283723	PAKHALE YOGINI ANIL	93	Ninety Three
10	NBF601046	2020015200620863	PATHAN RIYAJ CHAND	79	Seventy Nine
11	NBF601049	2020015200285354	QUADRI RANI AZIZUDDIN	90	Ninety
12	NBF601052	2020015200270243	SAYYAD SANA HAMEED	93	Ninety Three
13	NBF601055	2019015200365512	SHAIKH SAMEER LIYAKAT	82	Eighty Two
14	NBF601056	2020015200270107	SHAIKH ABUZAR RAHIM	80	Eighty
15	NBF601062	2020015200272203	SHAIKH KHALID NASEER	85	Eighty Five
16	NBF601063	2020015200271761	SHAIKH KHURRAM GULFAM	93	Ninety Three
17	NBF601067	2020015200269971	SHAIKH MUDASSIR VAJIR	93	Ninety Three
18	NBF601068	2020015200272331	SHAIKH NAVEED NASEER	85	Eighty Five
19	NBF606285	2020015200269305	SHAIKH AYESHA NAUSHIN SHAIKH NOORULHAQUE	94	Ninety Four



Internal Examiner & HoD

*Dr. Shaikh Musak Rajjak*

**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Science & Commerce,  
Rauza Bagh, Aurangabad-431001 (M.S.), India

Signature of Examiner

**DR. SHAIKH ABDULLAH**

10000

Department of History  
Dr. Rafiq Zakaria College For Women  
Naukhandi Palace, Aurangabad

### Instruction

1. While marking the marks, please ensure a clear, legible hand-writing, without any scratches or over-writing.
2. In case of scratches, over-writing or corrections, please re-write the marks separately with your signature.
3. Use English number while entering the marks.
4. Usage of whitener is strictly prohibited.

**Maulana Azad College of Arts, Science & Commerce,  
Aurangabad**



*“Aurangzeb Alamgir”*

Dr. Babasaheb Ambedkar Marathwada University,  
Aurangabad (M.S)

**RESEARCH PROJECT**

For Partial Fulfilment of B. A. Course VI Semester  
In

**History** (Paper XII & XVI)

Researcher / student scholar

Research Guide

**Dr Shaikh Musak Rajjak**

**Associate Professor & Head,**

Department of History,

Maulana Azad College of Arts, Science & Commerce, Rauza Bagh,  
Aurangabad 431001 Maharashtra

**2022-23**



Class: B.A.T.Y.

Department of History

Year: 2022-23

Paper: Main History Project (Paper History 12+16)

This is certify that the project work entered in this Journal / Note Book / Survey Report / Assignment text is the work of **Shri / Mrs / Miss / Mr. / Arbaj Khan Ayyub Khan** Of B.A.T.Y. VI Semester History Roll No.50 PRN 2020015200285641 University Examination Number ..... NBT- 601003 has satisfactorily completed the required research work of project in this college.

Project Title: *Aurangzeb Alamgir*

Head of the Department

*[Signature]*  
**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India

Date:

External Examiner

*[Signature]*  
**Dr. SHAIKH ABDULLAH**  
HEAD  
Department of History  
Dr. Rafiq Zakaria College For Women  
Navkhanda Palace, Aurangabad.

Internal Examiner /  
Research Guide

*[Signature]*  
**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India

Maulana Azad College of Arts, Science & Commerce,  
Aurangabad



Department of History

Class: B.A.T.Y.

Year: 2022-23

Paper: Main History Project (Paper History 12+16)

This is certify that the project work entered in this Journal /  
Note Book / Survey Report / Assignment text is the work of  
Shri / Mrs / Miss / Mr. / BAGWAN DANISH SHOUKAT

Of B.A.T.Y. VI Semester History Roll No..... PRN  
2020015200620774, University Examination Number  
..... NBF 101005....., has satisfactorily completed the  
required research work of project in this college.

Project Title: *Islam in South Asia*

Head of the Department  
**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India

External Examiner  
**Dr. SHAIKH ABDULLAH**  
HEAD  
Department of History  
Dr. Rafiq Zakaria College For Women  
Navkhanda Palace, Aurangabad.

Internal Examiner /  
Research Guide  
**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India



## “JAHAN ARA BEGUM”

Dr. Babasaheb Ambedkar Marathwada University,  
Aurangabad (M.S)

### RESEARCH PROJECT

For Fulfilment of B. A. Course VI Semester  
In

**History (Paper XII & XVI)**

Researcher / student scholar

**Basolan Fatema Begum Husen Basolan**

Research Guide  
**Dr Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Science & Commerce, Rauza Bagh,  
Aurangabad 431001 Maharashtra

2022-23



Maulana Azad College of Arts, Science & Commerce,  
Aurangabad



Department of History

Class: B.A.T.Y.

Year: 2022-23

Paper: Main History Project (Paper History 12+16)

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Note Book / Survey Report / Assignment text is the work of  
Shri / Mrs / Miss / Mr. / Kumari Fatema Basolan Husaen Basolan  
Of B.A.T.Y. VI Semester History Roll No.04 PRN  
2020015200270703, University Examination Number  
..... NBF 601008....., has satisfactorily completed the  
required research work of project in this college.

Project Title : *Jahan Ara Begum*

Head of the Department

*[Signature]*  
15/04/2023

Dr. SHAIKH ABDULLAH  
HEAD

Department of History  
Dr. Rafiq Zakaria College For Women  
Navkhanda Palace, Aurangabad.

Internal Examiner /  
Research Guide

*[Signature]*  
15/04/2023

**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India

Date:

*[Signature]*  
15/04/2023



## “Architecture in South India”

Dr. Babasaheb Ambedkar Marathwada University,  
Aurangabad (M.S)

### **RESEARCH PROJECT**

For Partial Fulfilment of B. A. Course VI Semester  
In

**History** (Paper XII & XVI)

Researcher / student scholar

**Rasika Anil Girewad**

Research Guide

**Dr Shaikh Musak Rajjak**

**Associate Professor & Head,**

Department of History,

Maulana Azad College of Arts, Science & Commerce, Rauza Bagh,  
Aurangabad 431001 Maharashtra

**2022-23**

Maulana Azad College of Arts, Science & Commerce,  
Aurangabad



Department of History

Class: B.A.T.Y.

Year: 2022-23

Paper: Main History Project (Paper History 12+16)

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Shri / Mrs / Miss / Mr. / Koushik ..... Hasiba Anil Girwar

Of B.A.T.Y. VI Semester History Roll No. .. .., PRN NO. 2020015200245

University Examination Seat Number VBF 601015 .. ..,  
has satisfactorily completed the required research work of project in  
this college.

Project Title:

Dr. Shaikh Musak Rajjak  
Head of the Department  
Associate Professor & Head  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India

External Examiner  
Dr. SHAIKH ABDULLAH  
HEAD  
Department of History  
Rafiq Zakaria College For Women  
Navkhanda Palace, Aurangabad.

Internal Examiner /  
Research Guide

Dr. Shaikh Musak Rajjak  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India

Date: 15/04/2023

**MAULANA AZAD COLLEGE OF ARTS, SCIENCE &  
COMMERCE, AURANGABAD**



Affiliated to Dr. Babasaheb Ambedkar Marathwada University,  
Aurangabad (M.S)

**RESEARCH PROJECT**

**Mughal Military History**

For Partial Fulfilment of B. A. T.Y. Course  
In  
Main History Subject (Paper 12 +16)

Researcher / Student

MD ARSAD ALAM

Research Guide

**DR. SHAIKH MUSAK RAJJAK**

Associate Professor & Head,

Department of History,

Maulana Azad college of Arts, Science & Commerce, Aurangabad



**2023**

Maulana Azad College of Arts, Science & Commerce,  
Aurangabad



Department of History

Class: B.A.T.Y.

Year: 2022-23

Paper: Main History Project (Paper History 12+16)

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Note Book / Survey Report / Assignment text is the work of  
Miss ~~Sana~~ ..... M.D. APSTP AZAM ..... Of B.A.T.Y. VI Semester  
History Roll No. .... , University Examination Number  
....., has satisfactorily completed the required  
research work of project in this college.

Project Title:

Mughal Military History

Head of the Department

External Examiner  
Dr. SHAIKH ABDULLAH  
HEAD

Department of History  
Dr. Rafiq Zakaria College For Women  
Navkhanda Palace, Aurangabad.

Internal Examiner /  
Research Guide

Date: 15/04/2023

**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India

Seat number: NBF 601030

Maulana Azad College of Arts, Science & Commerce,  
Aurangabad



Department of History

Class: B.A.T.Y.

Year: 2022-23

Paper: Main History Project (Paper History 12+16)

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Shri / Mrs / Miss / Mr. / Kumari ...*Mohd. Munawar Mohd Ali*

.....  
Of B.A.T.Y. VI Semester History Roll No. .. .., PRN NO.

University Examination Seat Number <sup>NBF</sup> *601036*  
has satisfactorily completed the required research work of project  
in this college.

Project Title: *An Outline of Muslim Ides & Spreads in India*

Head of the Department  
**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India

External Examiner  
**Dr. SHAIKH ABDULLAH**  
HEAD  
Department of History  
Dr. Rafiq Zakaria College For Women  
Navkhanda Palace, Aurangabad.

Internal Examiner /  
Research Guide  
**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India

Date: *15/04/2023*

Maulana Azad College of Arts, Science & Commerce,  
Rauza Bagh, Aurangabad 431001



Class: B.A.T.Y.

Semester VI

Academic Year 2022-23

Date:

Subject : Main History Project Work \*(Paper 12 + 16)

This is Certified that the Project work entered in this Journal / Project Report / Notebook  
is the work of

**Pakhale Yogini Anil** of B.A.III. Year VI Semester History main, Seat No. NBF 601044

PRN 2020015200283723 has satisfactorily completed the required research work for Project  
in this college for Paper No. 12 & 16 in this college.

Project Title: **Diaspora Literature History**

Head of the Department

**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.,  
Rauza Bagh, Aurangabad 431001 (M.S.) India

External Examiner  
**Dr. SHAIKH ABDULLAH**  
HEAD  
Department of History  
Dr. Rafiq Zakaria College For Women  
Navkhanda Palace, Aurangabad.

Internal Examiner

**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India

Date. 15/04/2023

2022-23

Maulana Azad College of Arts, Science & Commerce,

Aurangabad



Department of History

Class: B.A.T.Y.

Year: 2022-23

Paper: Main History Project (Paper History 12+16)

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Assignment text is the work of



Mr. Riyaj Chand Pathan

Of B.A.T.Y. VI Semester History Roll No. 73, PRN NO. : 2020015200620863



University Examination Seat Number ..N.BF...60.10.46....., has satisfactorily completed the required research work of project in this college.

Project Title: Pitalkhora Caves

Head of the Department  <b>Dr. Shaikh Musak Rajjak</b> Associate Professor & Head, Department of History, Maulana Azad College of Arts, Sci. & Comm. Rauza Bagh, Aurangabad 431001 (M.S.) India	External Examiner   <b>Dr. SHAIKH ABDULLAH</b> HEAD Department of History Dr. Rafiq Zakaria College For Women Navkhanda Palace, Aurangabad.	Internal Examiner / Research   <b>Dr. Shaikh Musak Rajjak</b> Associate Professor & Head, Department of History, Maulana Azad College of Arts, Sci. & Comm. Rauza Bagh, Aurangabad 431001 (M.S.) India
---	---	--

Date: 15/04/2023



Maulana Azad College of Arts, Science & Commerce,  
Aurangabad



Department of History

Class: B.A.T.Y.

Year: 2022-23

Paper: Main History Project (Paper History 12+16)

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Note Book / Survey Report / Assignment text is the work of

Miss Sana

...SAYYAD.SANA.HAMEED

Of B.A.T.Y. VI Semester History Roll No. 24 .. , University  
Examination Number ..2020015200270243, has satisfactorily  
completed the required research work of project in this college.

Project Title:

Head of the Department

External Examiner  
Dr. SHAIKH ABDULLAH  
HEAD

Department of History  
Dr. Rafiq Zakaria College For Women  
Navkhanda Palace, Aurangabad.

MSR (0103)

Internal Examiner /  
Research Guide

**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India

Date: 15/04/2023

2022-23

Maulana Azad College of Arts, Science & Commerce,  
Aurangabad



Department of History

Class: B.A.T.Y.

Year: 2022-23

Paper: Main History Project (Paper History 12+16)

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...Abuzar.....Rahim.....

Of B.A.T.Y. VI Semester History Roll No. ..39.., PRN NO.

University Examination Seat Number  
..N.B.F. 6010 5A....., has satisfactorily completed the required  
research work of project in this college.

Project Title:

*[Handwritten signature]*

Head of the Department  
**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.,  
Rasta Bagh, Aurangabad 431001 (M.S.) India

**Date:** 27/07/2023

*[Handwritten signature]*

**External Examiner**

**Dr. SHAIKH**

Department of History,  
Dr. Rafiq Zakaria College for Women  
Navkhanda Palace, Aurangabad

*[Handwritten signature]*

**Internal Examiner /  
Research Guide:**



Maulana Azad College of Arts, Science & Commerce,  
Aurangabad



Department of History



Year: 2022-23

Class: B.A.T.Y.

Paper: Main History Project (Paper History 12+16)

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Shri / Mrs / Miss / Mr. / Kumari ..... *Khalil / Naseer*

.....  
Of B.A.T.Y. VI Semester History Roll No. .. .. , University  
Examination Number ..... *NBF / 12012* .. .. , has satisfactorily  
completed the required research work of project in this college.

Project Title:

*[Signature]*  
**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.,  
Rauza Bagh, Aurangabad 431001 (M.S.) India

*[Signature]*  
**External Examiner**  
**Dr. SHAIKH ABDULLAH**  
HEAD  
Department of History  
Dr. Rafiq Zakaria College For Women  
Navkhanda Palace, Aurangabad.

*[Signature]*  
**Internal Examiner /**  
**Research Guide**  
**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.,  
Rauza Bagh, Aurangabad 431001 (M.S.) India

Date: *15/04/2023*

2023



# Certificate

MBF 601062

This is to certify that the project report **ISLAMIC CIVILIZATION: A CRITICAL ANALYSIS OF TOYNBEE'S THEORY** submitted by **SHAIKH KHURRAM GULFAM** is the bonafide work completed under my provision and guidance in partial fulfillment for the award of BA of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra

**H.O.D.**

Dr Shaikh musak rajjak

**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India

**Internal Examiner**

**Dr. SHAIKH ABDULLAH**  
HEAD  
Department of History  
Dr. Rafiq Zakaria College For Women  
Navkhanda Palace, Aurangabad.

**External Examiner**

**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India

Date: 15/04/2023

Place: Aurangabad

Maulana Azad College of Arts, Science & Commerce,  
Aurangabad



Department of History

Class: B.A.T.Y.

Year: 2022-23

Paper: Main History Project (Paper History 12+16)

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Note Book / Survey Report / Assignment text is the work of  
Mr.:SHAIKH MUDASSIR VAJIR Of B.A.T.Y. VI Semester  
History Roll No.:41, PRN NO:20200015200269971,University  
Examination Number.....<sup>NBF 10/10/23</sup>.....,has satisfactorily completed  
the required research work of project in this college.

Project Title: Online Information On Doultabad fort & History.

Head of the Department  
**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India

External Examiner  
**Dr. SHAIKH ABDULLAH**  
HEAD  
Department of History  
Dr. Rafiq Zakaria College For Women  
Navkhanda Palace, Aurangabad.

Internal Examiner /  
Research Guide

**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India

Date: 15/04/2023

Maulana Azad College of Arts, Science & Commerce  
Aurangabad



Department of History

Class: B.A.T.Y.


Year: 2022-23

Paper: Main History Project (Paper History 12+16)

This is certify that the project work entered in this Journal /  
Note Book / Survey Report / Assignment text is the work of  
Shri / Mrs / Miss / Mr. / Kumari .....

.....  
Of B.A.T.Y. VI Semester History Roll No. .. .. University  
Examination Number ..... NR 5 6018 ....., has satisfactorily  
completed the required research work of project in this college.

Project Title:


  
Head of the Department  
**Dr. Shaikh Musak Raffak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India

Date:

15/01/2023

  
External Examiner

**Dr. SHAIKH ABDULLAH**  
HEAD  
Department of History  
Dr. Rafiq Zakaria College For Women  
Navkhanda Palace, Aurangabad.

  
Internal Examiner /  
Research Guide

2023



**Dr.Rafiq Zakaria Campus**  
**Maulana Azad College of Arts, Science and Commerce,**  
**Aurangabad.**

**Report of activity for submission to IQAC**

Name of the Event / Activity/ speaker : **Education Tour to Pitalkhora Caves and Gautala Forest**

Date :-**21 Jan. 2023** Time:- 8:00 am to 08:00 pm Venue/ online platform :**Pitalkhora Caves and Gautala Forest Visit**

Number of beneficiaries : **10 Students** Type of activity : **Extracurricular Departmental activity.**

**Details of the Programme** : Department of History and Department of Geology planned combine tour to Pitalkhora Caves in Gautala forest area in Kannad Taluqa of the District Aurangabad in Maharashtra on 21 January 2-23 morning to evening. The students from Geology and History department come to the study tour and enjoyed the Caves and the Ghat geological history, chronology and the importance in study in History and Geology.

**Goals and objectives** :\_1. To educate the students about the heritage of Pitalkhora caves monuments in Aurangabad

2. To educate the students about the history of Satavahana and Vakataka rule in Ancient Deccan

3. To spread the knowledge about the historical places in and around Aurangabad local history

**Highlights of the programme** :Respective Principal of the College, Dr. Mazahar Ahmad Farooqui sir permitted to organize the tour at Pitalkhora caves and the Gautala Forest area on 21 January. The students of B.A.F.Y. participated in the study tour. Dr. Shaikh Musak Rajjak and Dr. Kazy Yasmin P. participated and guided the tour for the history and nature study. Students enjoyed the greenery and the landscape with historical and geological features all day. They took photos with the caves and enjoy the historical monuments. The satavahanas and the Vakatakas in BC second centuries to the Third Centuries AD developed the caves. The caves has Mahayana and Hinayana cult of Buddhism influences. Pitalkhora was the town during Satavahana Period on trade touts in Deccan region. Students enjoyed the Ghat of Daulatabad and Khuldabad road.

Also they enjoyed the Caves, sculptures and the archaeology of the place. It is good for their future planning about the career.

**Relevance and outcome** : The students enjoyed the Historical places and the caves all day with greenery of Forest area. They noted the historical importance and studied the history of Ancient Deccan from Satavahana to Vakataka period. They took photos with the caves and enjoy the historical monuments. The satavahanas and the Vakatakas in BC second centuries to the Third Centuries AD developed the caves. The caves has Mahayana and Hinayana cult of Buddhism influences. Pitalkhora was the town during Satavahana Period on trade route in Deccan region. Students enjoyed the Ghat of Daulatabad and Khuldabad road. Also they enjoyed the Caves, sculptures and the archaeology of the place. It is good for their future planning about the career. Teacher guide Dr. Shaikh Musak Rajjak explained the history and the development story of the Caves.

**Feedback analysis**: All students enjoyed the Cave tour and satisfied about the study tour.

**Clear geotagged photographs** -.



View from Caves



Hinayana Cave at Pitalkhora



Mombatta Talaav View



Pitalkhora Stupa and Students



Entry\_point at Pitalkhora Caves



Dwaarpal statue at Pitalkhora Mahayan Cave

Attach permission letter: **Yes** (attached all permission letters, attendance etc.)

Programme Coordinator : **Dr. Shaikh Musak Rajjak (HOD, History)**

Organizing team /committee:

**Dr. Kazi Yasmin P.**

**Principal  
(Dr. Mazahar Ahmad Farooqui)**

Dept of Geology

Sr. No	Name of the Students	Roll No	Class	Mob.No.
01	Saba Fatema	316	B.Sc 3 Year	7709988741
02	Sk.Arbaz	322	B.Sc 3 Year	942193940
03	Fardin Pathan	301	B.Sc 3 Year	9156403646
04	Sk.Awais	303	B.Sc 3 Year	7498299765
05	Rushabh Kamble	324	B.Sc 3 Year	8421144738
06	Tazeen Firdous	308	B.Sc 3 Year	7020427898
07	Rumaisa Fatema	313	B.Sc 3 Year	9921154967
08	Sk.Shahana Ftema	314	B.Sc 3 Year	9322648980
09	Mehreen Fatema	331	B.Sc 3 Year	9923779334
10	Sayyeda Roma	309	B.Sc 3 Year	8767191437
11	Ruhana Fatema	311	B.Sc 3 Year	8421474910
12	Fauqiya Ibtelhal	302	B.Sc 3 Year	7387764389
13	Huda Begum	333	B.Sc 3 Year	8055448641
14	Shaikh Adil	329	B.Sc 3 Year	8055544477
15	Saima shaikh	323	B.Sc 3 Year	9767740438
16	Rida Fatima	320	B.Sc 3 Year	9284379966
17	Masroor Tazneem	311	B.Sc 1 Year	9096885591
18	Sheetal Raju Bagul	303	B.Sc 1 Year	9890496069
19	Husna Jabeen	318	B.Sc 1 Year	7822088652
20	Nabeel	305	B.Sc 1 Year	8600409860

*Signature*

Dept of History

Sr. No	Name of the Students	Roll No	Class	Mob.No.
01	Riyaz Sayyed		B.A.1 Year	9763512717
02	Shifa Khan		B.A.1 Year	8983538243
03	Quazi Sariya		B.A.1 Year	9970886400
04	Shaikh Munazza		B.A.1 Year	9689852907
05	Aafreen Razzaq		B.A.1 Year	9699478706

*Signature*

**Dr. Shaikh Musak Rajjak**  
Associate Professor & Head,  
Department of History,  
Maulana Azad College of Arts, Sci. & Comm.  
Rauza Bagh, Aurangabad 431001 (M.S.) India



*Signature*

**M.A. MALIK**  
Assistant Professor in Geology  
Department of Geology  
Maulana Azad College of Arts  
Science & Commerce, Aurangabad.

Date: 13 Jan. 2023

To,  
The Director,  
Department of Forestry,  
Aurangabad Circle,  
Aurangabad


**Subject:** About the fee concession / fee waive out / free entry for the student's educational visit to Pitalkhra caves in *Gavtala reserve forest* students (40-50 students with teaching staff 2)

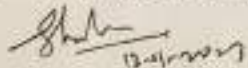
Respected sir,

We are, Dr. Shaikh Musak Rajjak, head, department of History, and Mr. M.A. Malik, Head, Department of Geology, in Maulana Azad College of Arts, Science & Commerce, Aurangabad, have plan to visit Pitalkhora Caves in Gavtala reserve forest for academic purpose in Kannad Taluka of Aurangabad District, for one day in the end of January 2023. So we request to give concession / all fee waive / free entry permission in forest for the team of education tour with bus entry. It will be purely educational excursion (tour) to the caves to see the rocks types, art, history of Mauryan and Satavahana culture, carving of caves, botanical and zoological biodiversity and environmental studies in the reserve forest. We will maintain all disciplines and laws of forest department and Archaeological Survey of India.

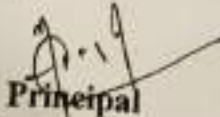
Thanking you.

Yours faithfully,

  
Mr. M.A. Malik,  
(Head, Department of Geology)

  
Dr. Shaikh Musak Rajjak  
(Head, Department of History)

Forwarded by:

  
Principal  
(Dr. Mazahar Ahmad Farooqui)

Principal  
Maulana Azad College  
Aurangabad

Date: 13 Jan. 2023

To,  
The Director,  
Department of Archaeology,  
Aurangabad Circle, Aurangabad

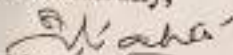
**Subject:** About the fee concession / fee waive out / free entry for the student's educational visit to Pitalkhra caves in *Gavtala reserve forest* students (40-50 students with teaching staff 2)

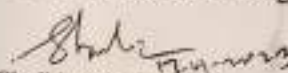
Respected sir,

We are, Dr. Shaikh Musak Rajjak, head, department of History, and Mr. M.A. Malik, Head, Department of Geology, in Maulana Azad College of Arts, Science & Commerce, Aurangabad, have plan to visit Pitalkhora Caves in Gavtala reserve forest for academic purpose in Kannad Taluka of Aurangabad District, for one day in the end of January 2023. So we request to give concession / all fee waive / free entry permission in forest for the team of education tour with bus entry. It will be purely educational excursion (tour) to the caves to see the rocks types, art, history of Mauryan and Satavahana culture, carving of caves, botanical and zoological biodiversity and environmental studies in the reserve forest. We will maintain all disciplines and laws of forest department and Archaeological Survey of India.

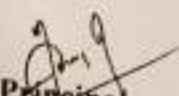
Thanking you.

Yours faithfully,

  
Mr. M.A. Malik,  
(Head, Department of Geology)

  
Dr. Shaikh Musak Rajjak  
(Head, Department of History)

Forwarded by:

  
Principal  
(Dr. Mazahar Ahmad Farooqui)  
Principal  
Maulana Azad College  
Aurangabad



# Maulana Azad College of Arts, Science & Commerce Dr. Rafiq Zakaria Campus

Post Box No. 27, Dr. Rafiq Zakaria Marg, Haura Bagh, Aurangabad-431001 Maharashtra, (India)  
Tel: 4246-238102, 238104 | Web: <http://maazcollege.ac.in> | Fax: 4246-239602 | Email: [maazcollege@gmail.com](mailto:maazcollege@gmail.com)

MINORITY INSTITUTE

NAAC Re-Accredited Grade 'A' UGC's Status: "COLLEGE WITH POTENTIAL FOR EXCELLENCE"

Ref. No. MAAC/12/2022-2023/363

दिनांक :- 18-01-2023

प्रति,  
विभागीय वन्यजीव अधिकारी,  
(वन विभाग)  
औरंगाबाद.

विषय :- महाविद्यालयीन विद्यार्थ्यांना अभ्यास सहलीसाठी मोफत प्रवेश देणे बाबत  
(गौताळा अभयारण्य, पितळखोरा लेणी, पाटणा देवी).

महोदय,

आमच्या महाविद्यालयातील विद्यार्थीगण अभ्यास सहलीसाठी उपरोक्त ठिकाणी  
दरवर्षी जातात. भूगर्भशास्त्र, इतिहास, वनस्पतीशास्त्र आणि प्राणीशास्त्र अभ्यासासाठी हे  
सहल आवश्यक आहे. तरी तेथील प्रवेशिका-शुल्क माफ करून विद्यार्थ्यांना प्रवेश देण्यात  
धावा, हे विनंती. सदरील सहलीत मार्गदर्शनासाठी शिक्षकवृंद प्राध्यापक एम. ए. नलिक  
(9850660598), डॉ. शेख मुसाक रज्जाक (9860068985) येत आहेत.

आपला विश्वासू,

(डॉ. मजहर अहमद फारुकी)  
Principal  
Maulana Azad College  
Aurangabad

Pitalkhora Caves and Gautala Forest Study Visit

Date: 21 January 2023 Saturday

Time : 8 am to 8 pm (all Day)

<b>Sr No.</b>	<b>Name of Student</b>	<b>Class and Roll No. Mobile No.</b>	<b>Signature</b>
1	SAYYAD RIYAZ	9763512717 BAFY 15	
2	SHIFA KHAN	8983538243 BAFY 101	
3	MUNAZZA	9689852907 BAFY	
4	KAZI SARIYA	9970886400 BAFY 86	
5	AFREEN RAZZAQ	9699478706 BAFY	
6	ALIYA MAHEK ZAFAR KHAN PATHAN	BAFY 1	
7	SANIYA FERDOS ABDUL NAIM	BAFY 2	
8	SAYYAD NIKHAT SAYYAD QAYYUM	BAFY 3	
9	SHAIKH FARHA MAHBOOB	BAFY 4	
10	SHAIKH AYESHA BI NUSRAT PATEL	BAFY 5	



Date: 01/08/2022

To  
The Principal  
Maulana Azad College of Arts, Science and Commerce; A'bad

Subject: - Permission to conduct Bridge course for B.Sc. First year students.

Respected Sir,

As B.Sc. I year students are less exposed to the labs and Physics practical. There is a need to familiarize these students with the different laboratory equipments that are used in Physics practical. Also the basic knowledge of handling those instruments. So we want to arrange a Bridge Course of six days i.e. two days in each week from 05/08/2022. As per the timetable of the college the practical of students of batches C2, C3, G1 and G2 is on Friday and the practical of students of batches A1, E1, E2 and I1 is on Saturday. So we want to conduct the Bridge course in practical hours only so that the other classes of the students would not get hamper.

Therefore, you are kindly requested to allow us to arrange the Bridge course for the students from 05/08/2022 and do the needful.

Thanking you.

Yours faithfully,



Dr. Shaikh Ifrah Fatema  
Head Dept. of Physics  
And Electronics

Head Department of  
Physics & Electronics  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad.

Permitted  
1/8



Dr. Rafiq Zakaria Campus

Maulana Azad College of Arts, Science and Commerce

DEPARTMENT OF PHYSICS AND ELECTRONICS

**NOTICE**

Date: - 01/08/2022

All the Students of B.Sc. I year are hereby informed that a 'Bridge Course' for Physics practicals of six days i.e. two days in each week, will be conducted in the department from 05/08/2022. As per the timetable of the college the practical of students of batches C2, C3, G1 and G2 is on Friday and the practical of students of batches A1, E1, E2 and I1 is on Saturday. The Bridge course will be conducted in practical hours. So make sure that you attend all the sessions of the course and obtain maximum benefit from it.



Dr. Shaikh Ifrah Fatema  
Head, Dept. of Physics  
& Electronics

Head Department of  
Physics & Electronics  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad.

"BRIDGE COURSE"

Report

**Name of the Event:** Bridge course.

**Date:** 5, 6, 12, 13, 19, 20 August 2022

**Time:** 10 : 30 am to 1 : 10 pm

**Venue:** Physics Laboratory

**Number of beneficiaries:** 58

**Type of activity:** Co-curricular, Departmental activity.

**Goals and Objectives:**

1. To familiarize students with the different laboratory equipments.
2. To enlighten students with knowledge of different measuring devices.
3. To develop skills in students to make use of appropriate measuring instruments for measuring different physical quantities.

**Schedule of the Programme: -**

1. Date : 5,12,19 August 2022  
Time : 10 : 30 am to 1 : 10 pm  
Batch : C2+C3+G1+G2
2. Date : 6,13,20 August 2022  
Time : 10 : 30 am to 1 : 10 pm  
Batch : A1+E1+E2+I1

**Highlights of the Programme:**

To inculcate the basic knowledge of Physics and have hands-on at different measuring instruments a bridge course was organized for B.Sc. Ist year Physics students by the Department of Physics under the Guidance of Hon'ble



Principal Dr. Mazahar Ahmed Farooqui. It is observed that the students coming from the higher secondary education are less exposed to labs as they focus on theory and competitive exams. Also the students coming from mofussil areas are weak in handling laboratory instruments. So with the due permission of our beloved Principal Dr. Mazahar Ahmed Farooqui, it was decided that First three weeks of commencement of B.Sc. First year will be dedicated towards training the students to get trained to handle various laboratory instruments.

The course was conducted in the practical hours only. As per the timetable of the college, students from the batches C2, C3, G1 and G2 were called on Fridays whereas the students from the batches A1, E1, E2 and I1 were called on Saturdays. In the first session of bridge course the students were first introduced with the teaching and non-teaching staff of the department. Then students were taken to the different labs of the department by Dr. Shaikh Ifrah Fatema, for lab visit. The students were given hands on training on different measuring instruments. Also they were introduced with the different apparatus used in the laboratory. During this course the students were first taught and immediately after teaching a particular topic they were assessed by the teacher and after assessment if the teacher is satisfied the next topic was taught. Hence like this a continuous evaluation was carried out through the course. All the practical sessions were taught by Dr. Shaikh Ifrah Fatema. Also the nonteaching staff supported the entire activity. The bridge course was concluded on 20<sup>th</sup> August.

### **Relevance and Outcome :**

1. Students were familiarized with different laboratory instruments.
2. Students are able to use appropriate measuring instrument to make reliable measurements.
3. This course has helped to boost the confidence of the student towards handling of instruments.

### **Feedback Analysis :**

After the completion of the course feedback is obtained from the students



and most of them opined that this course was very helpful to them. They have learned a lot from this bridge course also this course has truly helped them improve their basic knowledge.

Hence this report.



Head Dept. of  
Physics and Electronics  
Head Department of  
Physics & Electronics  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad.



IQAC Coordinator  
Maulana Azad College

COORDINATOR  
Internal Quality Assurance Cell  
Maulana Azad College of Arts,  
Science & Commerce, Aurangabad.



Principal  
Maulana Azad College  
Principal  
Maulana Azad College of Arts,  
Science & Commerce,  
Rauza Baugh, Aurangabad.



## Glimpses of 'Bridge course'

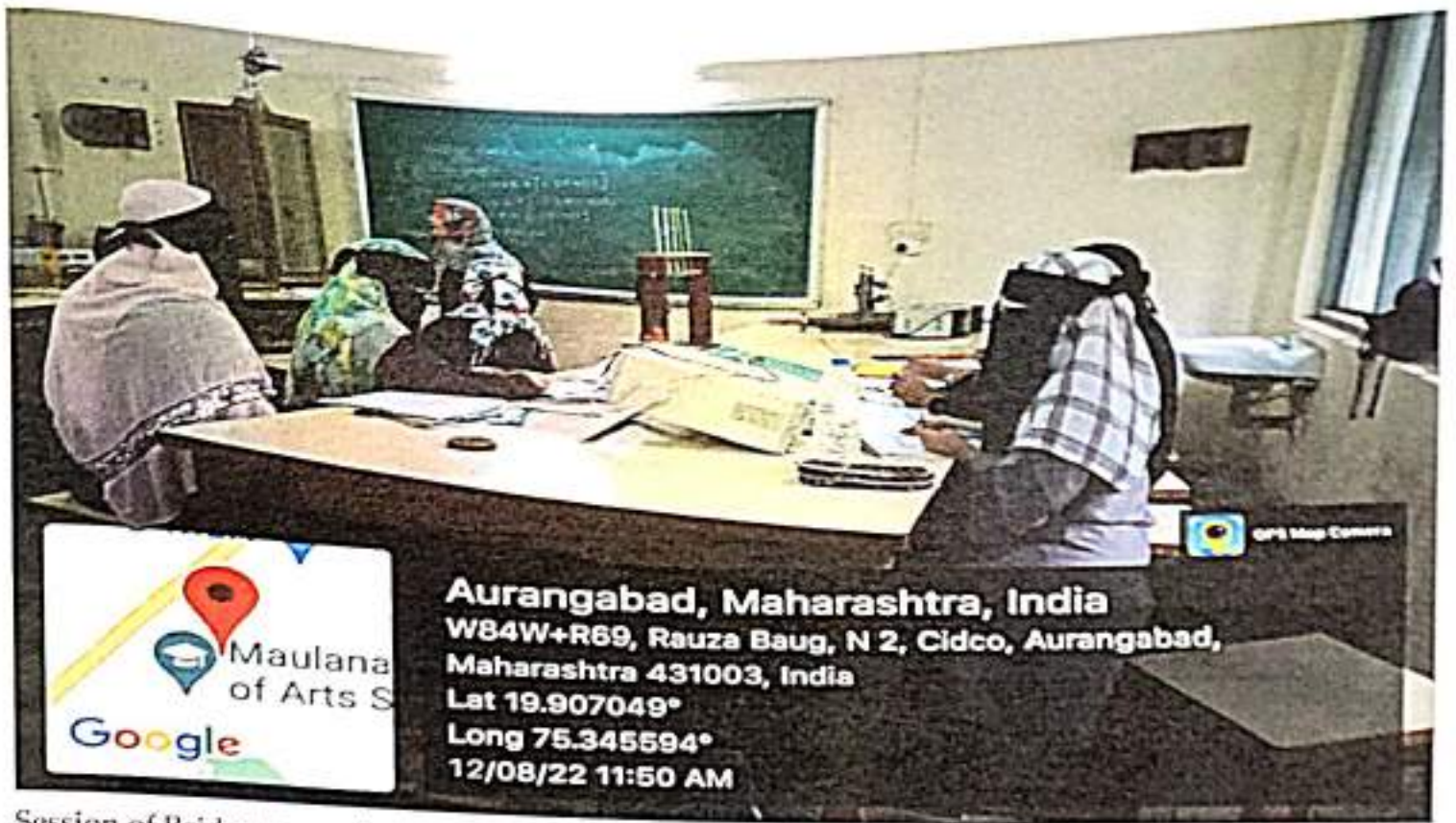


Dr. Shaikh Ifrah Fatema, Head of the Department introducing students of first batch the Bridge Course with different labs of the department during first session held on 05/08/2022.



Dr. Shaikh Ifrah Fatema, introducing students of second batch of Bridge course with different equipments and facilities available at the department





Maulana  
of Arts S

Google

**Aurangabad, Maharashtra, India**  
W84W+R69, Rauza Baug, N 2, Cidco, Aurangabad,  
Maharashtra 431003, India  
Lat 19.907049°  
Long 75.345594°  
12/08/22 11:50 AM

GPS Map Camera

Session of Bridge course held on 12/08/2022



Maulana  
of Arts S

Google

**Aurangabad, Maharashtra, India**  
W84W+R69, Rauza Baug, N 2, Cidco, Aurangabad, Maharashtra 431003,  
India  
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GPS Map Camera

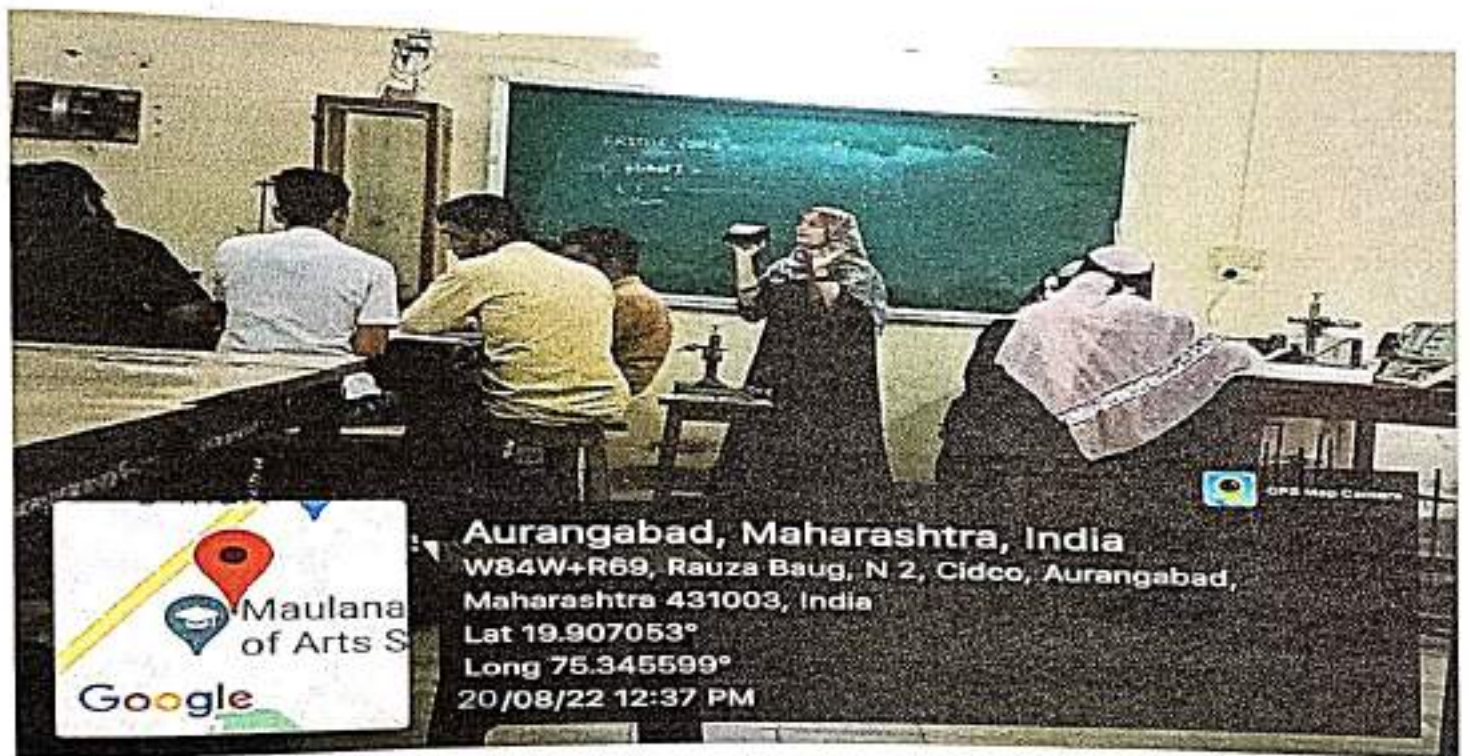
Students engaged in session of Bridge course held on 13/08/2022





**Aurangabad, Maharashtra, India**  
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 Maharashtra 431003, India  
 Lat 19.907053°  
 Long 75.345599°  
 19/08/22 12:06 PM

Dr. Shaikh Ifrah conducting an interactive session during Bridge course held on 13/08/2022



**Aurangabad, Maharashtra, India**  
 W84W+R69, Rauza Baug, N 2, Cidco, Aurangabad,  
 Maharashtra 431003, India  
 Lat 19.907053°  
 Long 75.345599°  
 20/08/22 12:37 PM

Dr. Shaikh Ifrah Fatema, giving hands on training on different measuring instruments during Bridge course 13/08/2022





Bridge Course Attendance-B.Sc. I Year

Batches : C2 +C3+G1+G2

Time: 10:30 to 1:10 pm

Sr. No.	Roll No.	Name of the Student	05/08/22	12/08/22	19/08/22
1	304	Mir Bilal Ali	<del>Present</del>	<del>Present</del>	<del>Present</del>
2	437	Pushpa Fatema	<del>Present</del>	<del>Present</del>	<del>Present</del>
3	425	Afreen Begum	<del>Present</del>	<del>Present</del>	<del>Present</del>
4	405	Shaikh Sadiya A. Rauf	<del>Present</del>	<del>Present</del>	<del>Present</del>
5	418	Baqir Mirza Mahzuba	<del>Present</del>	<del>Present</del>	<del>Present</del>
6	411	Arsalan Khan	<del>Present</del>	<del>Present</del>	<del>Present</del>
7	412	Khizar Khan	<del>Present</del>	<del>Present</del>	<del>Present</del>
8	303	Shihab Bagul	<del>Present</del>	<del>Present</del>	<del>Present</del>
9	426	Arbaz Babar Khem	<del>Present</del>	<del>Present</del>	<del>Present</del>
10	423	Syeda Zainab Nigwan	<del>Present</del>	<del>Present</del>	<del>Present</del>

Sr. No.	Roll No.	Name of the Student	05/08/22	12/08/22	19/08/22
11.	424	Mohammed Zuber	Zuber.	Zuber.	Zuber.
12.	410	Pathan Ameer Khan Anwar Khan	Pathan	Pathan	Pathan.
13.	312	MOHSIN SHAH NISAR SHAH	Mohsin	Mohsin	Mohsin
14.	453	Mohammed Zaid Hussain	Zaid	Zaid	Zaid
15.	415	Sayyad Shahid Sayyad Rashid	<del>Shahid</del>	<del>Shahid</del>	<del>Shahid</del>
16.	506	Padhuan Rehem Nirmalkhan	Rehem.	Rehem.	Rehem.
17.	420	Amaan Ahmaduddin Gazi	Amaan.	Amaan.	Amaan.
18.	301	SANIYA NATIR SHAIKH	Shaiikh	Shaiikh	Shaiikh
19.	302	Shaikh Danish Shaibany	Danish	Danish	Danish
20.	451	Loha Nasheen Atoof Khan	Nasheen	Nasheen	Nasheen
21.	427	Khanz Muneeb Shahi	Muneeb	Muneeb	Muneeb
22.	443	Migza Noman Baig	Noman	Noman	Noman
23.	435	Siddiqui Mohammed Tameeluddin	Tameel	Tameel	Tameel
24.	313	SK Rameesha Muneeb	Rameesha	Rameesha	Rameesha
25.	404	Shoikh Roshan	Roshan	Roshan	Roshan



Bridge Course Attendance-B.Sc. I Year

Batches : E1+E2+A1 +I1

Time:- 10:30 to 1:10 pm

Sr. No.	Roll No.	Name of the Student	06/08/22	13/08/22	20/08/22
1	02	Shaikh Abdul Muqaddir	Abi	Abi	Abi
2	01	Khalid Al-Jabri	Khalid	Khalid	Khalid
3	18	Jandeep Vilas Grewkar	Jandeep	Jandeep	Jandeep
4	21	Abuzar Shaikh Shemin	A	A	A
5	26	Mubashir Mohd Hanif	Mubashir	Mubashir	Mubashir
6	14	Faizal Jafar Pathan	Faizal	Faizal	Faizal
7	03	Shaikh Faizan Yunus	Faizan	Faizan	Faizan
8	05	Shahid Saif Uddin	S	S	S
9	12	Ahmed Ullah Khan	A	A	A
10	24	Darriyal Sirkhalger	D	D	D

Sr. No.	Roll No.	Name of the Student	06/08/22	13/08/22	20/08/22
11	07	Shaikh Aljaya Jorlous			
12	13	Shaikh Tafique Rafique			
13	10	Shaikh Junaid Javed			
14	544	Shaikh Zobeida Shaikh Rais Ahmed	Zobeida	Zobeida	Zobeida
15	505	Tarannom Bans Nazir Ahmed	Tarannom	(Signature)	(Signature)
16	819	Quesi Abdurrahman	Aziz	Aziz	Aziz
17	124	Syed Gufran			
18	106	Shaikh Muzammil Stan			
19	520	Abish Ahmed Ansefi			
20	517	Shaikh Saniya Kadir	Shaikh	Shaikh	Shaikh
21	532	Shaikh Humaira Mujtaha			
22	542	pooran Talekhan Gokhankhan			
23	107	Khan Abdul Gaffar			
24	126	Shaikh Jawziya Jasin	Saunziya	Saunziya	Saunziya
25	504	Deshmukh Ruggiya Almas Ahmed Shah			



### Feedback Form

Name : Mohammed Zuber

Roll No. : 424

- 1. How was your experience in learning?  
 a. Excellent      b. Very Good      c. Good      d. Satisfactory
- 2. How would you rate on the basis of up gradation of your basic knowledge?  
 a. Excellent      b. Very Good      c. Good      d. Satisfactory
- 4. The experiments were very interesting & exciting:  Yes / No
- 5. How did you find the content of the Bridge Course?  
 a. Excellent      b. Very Good      c. Good      d. Satisfactory
- 6. How was your overall experience?  
 a. Excellent      b. Very Good      c. Good      d. Satisfactory

7. Suggestions, if any:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Zuber  
Signature

**Dr. Rafiq Zakaria Campus**  
**Maulana Azad College of Arts, Science and Commerce; Aurangabad**  
Academic Year 2022-23  
**Department of Physics & Electronics**  
Bridge Course B.Sc. I Year  
**Feedback Form**

Name : Mu Bilal Ali

Roll No. : 304

1. How was your experience in learning?

- a. Excellent      b. Very Good      c. Good      d. Satisfactory

2. How would you rate on the basis of up gradation of your basic knowledge?

- a. Excellent      b. Very Good      c. Good      d. Satisfactory

4. The experiments were very interesting & exciting:  Yes / No

5. How did you find the content of the Bridge Course?

- a. Excellent      b. Very Good      c. Good      d. Satisfactory

6. How was your overall experience?

- a. Excellent       b. Very Good      c. Good      d. Satisfactory

7. Suggestions, if any:

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Signature



Dr. Rafiq Zakaria Campus  
Maulana Azad College of Arts, Science and Commerce; Aurangabad

Academic Year 2022-23

Department of Physics & Electronics

Bridge Course B.Sc. I Year

### Feedback Form

Name : Mubbashiya Mohd Hanif

Roll No. : 26

1. How was your experience in learning?

a. Excellent      b. Very Good      c. Good      d. Satisfactory

2. How would you rate on the basis of up gradation of your basic knowledge?

a. Excellent      b. Very Good      c. Good      d. Satisfactory

4. The experiments were very interesting & exciting: Yes / No

5. How did you find the content of the Bridge Course?

a. Excellent      b. Very Good      c. Good      d. Satisfactory

6. How was your overall experience?

a. Excellent      b. Very Good      c. Good      d. Satisfactory

7. Suggestions, if any:

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Mubbashiya  
Signature

Date: 14/09/2022

To

The Principal

Maulana Azad College of Arts, Science and Commerce; A'bad

Subject: - Permission to conduct 'Derivation Contest' for B.Sc. Third year students.

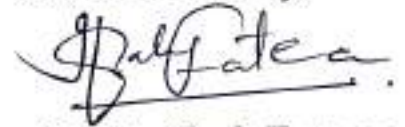
Respected Sir,

As a part of co-curricular activity, department of Physics wants to conduct 'Derivation Contest' for B.Sc. Third year students on Saturday i.e. on 24/09/2022 at 2:00 pm for one hour.

Therefore, you are kindly requested to allow us to arrange the 'Derivation Contest' for students on 24/09/2022 and oblige.

Thanking you.

Yours faithfully,



Dr. Shaikh Ifrah Fatema

Head of Department of Physics

Physics & Electronics  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad.



Permitted  
14/9

Dr. Rafiq Zakaria Campus

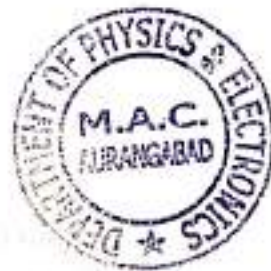
Maulana Azad College of Arts, Science and Commerce

DEPARTMENT OF PHYSICS AND ELECTRONICS

**NOTICE**

Date: - 14/09/2022

All the Students of B.Sc. III year are hereby informed to prepare yourself for 'Derivation Contest' scheduled on 24/09/2022 in the department of Physics. Syllabus for the contest will be from Electrodynamics, Classical and Quantum Mechanics. Students willing to participate in the contest kindly contact Mr. Shahebaz and Mr. Waseem.



Dr. Shaikh Ifrah Fatema  
Head Department of  
Head, Dept. of Physics  
& Electronics  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad.

## Report

# "DERIVATION CONTEST"

**Name of the Event :** Derivation contest.

**Date :** 24 September 2022

**Time :** 02 : 00 pm to 03 : 00 pm

**Venue :** Physics Laboratory

**Number of participants :** 23

**Type of activity :** Co-curricular, Departmental activity.

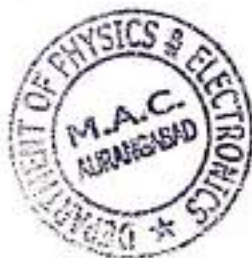
### Goals and objectives:

1. To evaluate the knowledge of participants.
2. To evaluate the depth of understanding of the subject.
3. To create a competitive environment.

### Highlights of the Programme:

On 24<sup>th</sup> September 2022, 'Derivation Contest' was conducted for the B.Sc. III year students by the Department of Physics under the Guidance of Hon'ble Principal Dr. Mazahar Ahmed Farooqui. Total ten students participated in the event. Mr. Shaikh Waseem and Mr. Shahebaz helped the students to prepare for the contest. Question paper was designed containing 21 derivation questions from Electrodynamics, Classical and Quantum Mechanics, which are the papers they study in current 5<sup>th</sup> Semester.

The only rule for the contest was that, the students can attempt as many questions as they can attempt but in the limited time period of 50 minutes. Dr. Shaikh Ifrah Fatema, Head department of Physics and electronics was the judge of the contest. On 24<sup>th</sup> September noon, the contest started sharply at 2:00 pm. The students were well prepared and a tough competition was observed. On



completion of the contest, the answer sheets of the students were collected. These answer sheets were assessed by the teachers. And after two days the result was declared. First Rank holder is Mr. Mohd. Usman, Second Ranker holder in Ms. Rameesha Fatema. The prize distribution is yet to be organized and it will be planned accordingly.

**Relevance and outcome :**

1. Students are have performed very well in the contest.
2. Students are having good knowledge of the papers taught by respective teachers.
3. Students will be benefited as per the point of view of examination.

**Feedback analysis :**

After the completion of the contest feedback is obtained from the students and they were of the opinion that this contest has ultimately helped them to prepare for the semester final examination. Students thanked teachers for organizing this event.

Hence this report.

Programme Coordinator : Dr. Shaikh Ifrah Fatema

Organizing team / Committee : Mr. Shahebaz Khan, Mr. Shaikh Mohd. Waseem

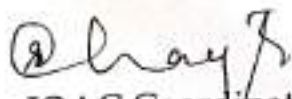


Head Dept. of

Physics and Electronics

Head Department of  
Physics & Electronics


Maulana Azad College of Arts, Science & Commerce, Aurangabad.



IQAC Coordinator

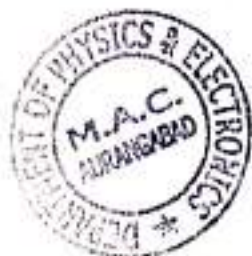
Maulana Azad College  
COORDINATOR

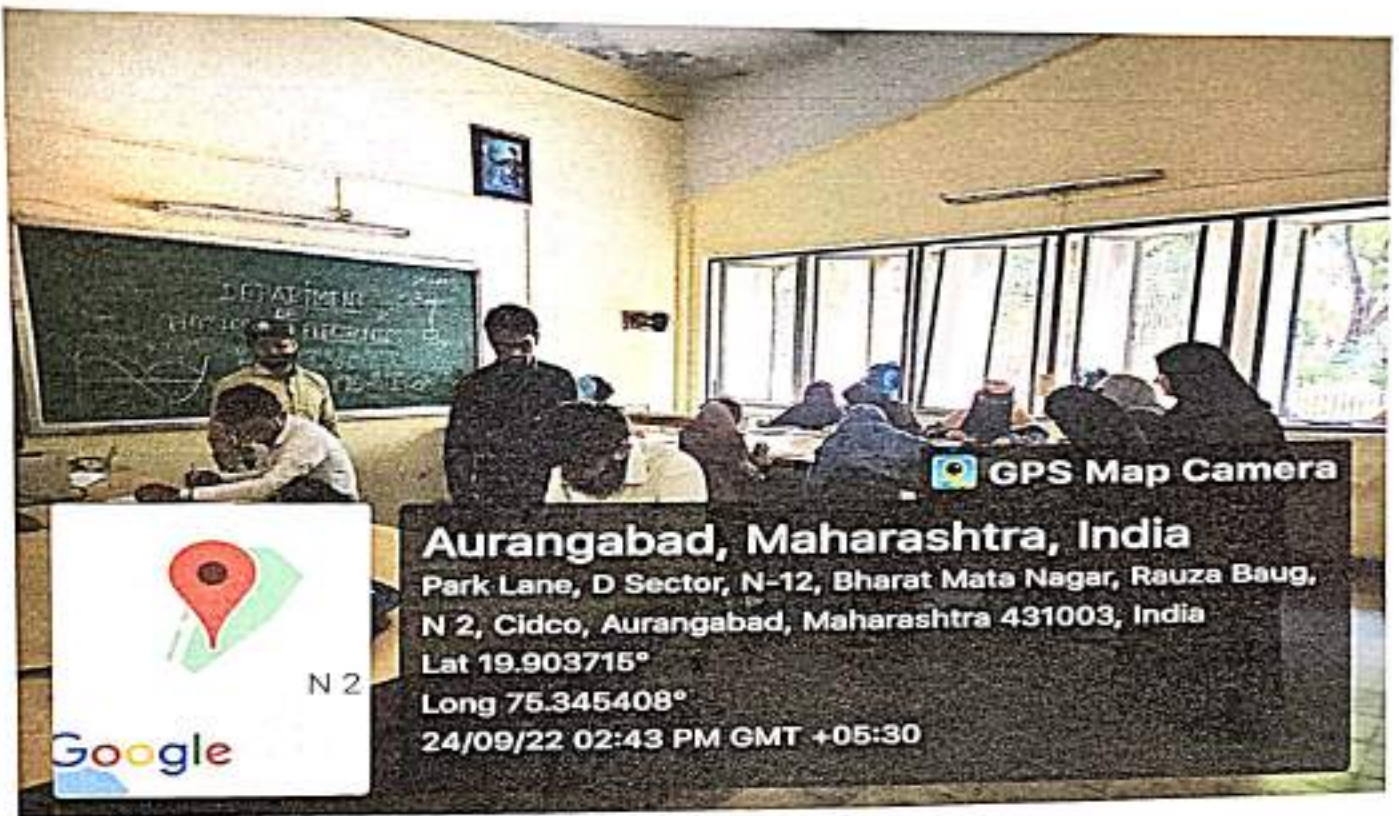
Internal Quality Assurance Cell  
& Maulana Azad College of Arts,  
Science & Commerce, Aurangabad.



Principal

Maulana Azad College  
Maulana Azad College of Arts,  
Science & Commerce,  
Rauza Baugh, Aurangabad.





GPS Map Camera

**Aurangabad, Maharashtra, India**

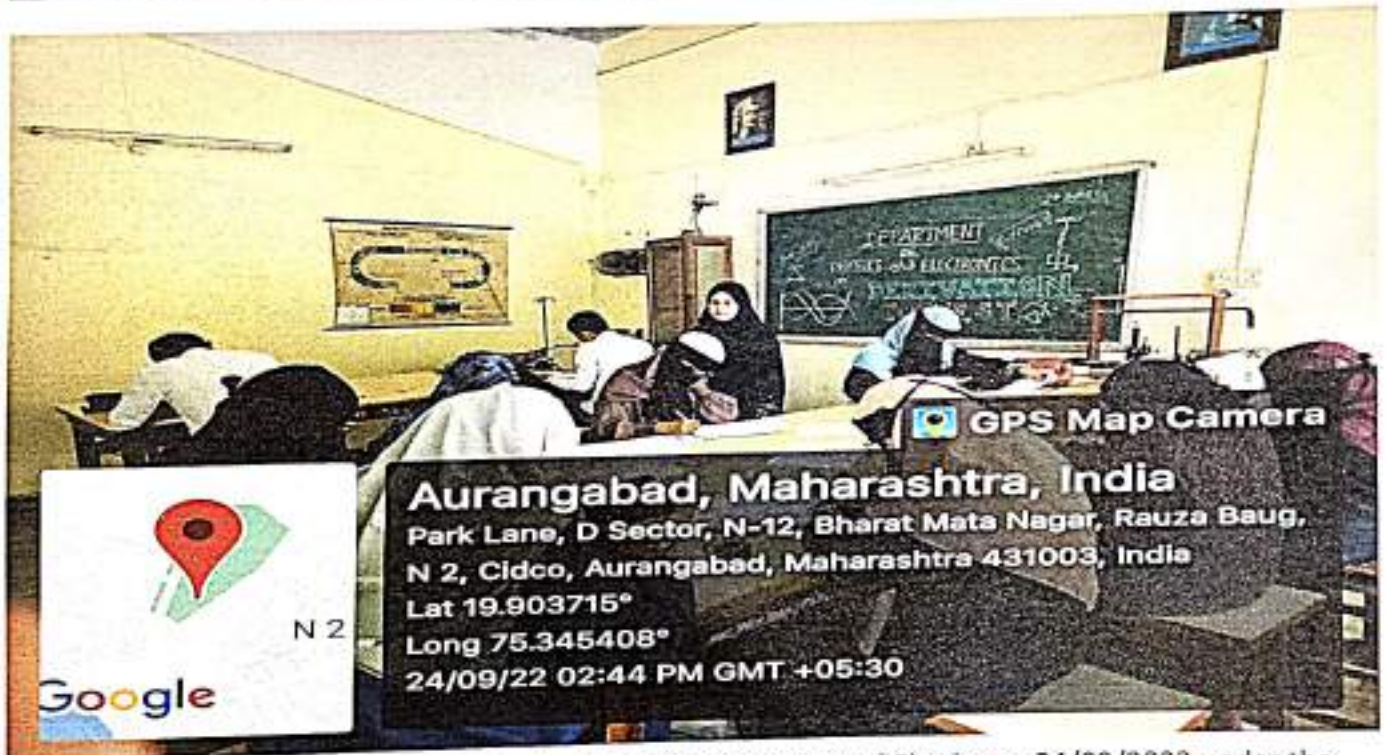
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N 2, Cidco, Aurangabad, Maharashtra 431003, India

Lat 19.903715°

Long 75.345408°

24/09/22 02:43 PM GMT +05:30



GPS Map Camera

**Aurangabad, Maharashtra, India**

Park Lane, D Sector, N-12, Bharat Mata Nagar, Rauza Baug,

N 2, Cidco, Aurangabad, Maharashtra 431003, India

Lat 19.903715°

Long 75.345408°

24/09/22 02:44 PM GMT +05:30



Students participating in 'Derivation Contest' held in department of Physics on 24/09/2022 under the custodianship of Mr. Shaikh Waseem and Mr. Shahebaz.



Sr. No.	Roll No.	Name of the Student	Sign
1	101	Mohamad Usman Abdul Mejeed	
2	302	Sk Faugia Ibleha/Mohd Ilyasuddin	
3	403	Tahzeeb Fatema	
4	421	Nusrat Jameel Khan	
5	408	Faeiha Tabassum	
6	502	Ahmed Mohammadi	
7	541	Syeda Rameesha Hussaini	
8	538	Shaikh Aftun Shaikh Gulab nabi	
9	549	Shaikh Anam Sahar Shaikh noor	
10	532	Mirza Saba	
11	401	Shaikh Saheel	
12	303	Sayyed Mohammad Awais M. Sabir	
13	415	Ansari Jureeya Mohd. Ilyas Ahmed	
14	405	Jehura Fatima Abdul Selim	
15	423	Sk. Miskah Sadaf Sk. Mukhtar	
16	414	Gayke Ankush Bhaginath	
17	404	Faiz Abdul Malik	







Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss SIKKALGAR DANIYA  
SK. ZAMEER of B.Sc. 1<sup>st</sup> YEAR, Roll No. 24,  
University exam Seat no. / PRN no. 202201520088553; has  
successfully completed the project in the subject of Electronics on  
the topic DARK DETECTOR  
during the year **2022-2023**.

HEAD OF DEPARTMENT

INTERNAL EXAMINER



EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss AL JABRI KHALED  
AAMER of B.Sc. FIRST, Roll No. 01,  
University exam Seat no. / PRN no. 202201520088608, has  
successfully completed the project in the subject of Electronics on  
the topic LIGHT DETECTOR,  
during the year 2022-2023.

HEAD OF DEPARTMENT

INTERNAL EXAMINER



EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss SHAIKH ABDUL  
MUQTADIR SHAIKH of B.Sc. FIRST, Roll No. 02,  
SHARFUDDIN  
University exam Seat no. / PRN no. 2022015200886096; has  
successfully completed the project in the subject of Electronics on  
the topic Water Level Detector  
during the year 2022-2023.

HEAD OF DEPARTMENT

INTERNAL EXAMINAR



EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss FAIZAN YUNUS  
SHAIKH of B.Sc. ① FIRST, Roll No. 03,  
University exam Seat no. / PRN no. 2022015200886107; has  
successfully completed the project in the subject of Electronics on  
the topic WATER LEVEL DETECTOR.  
during the year 2022-2023.

HEAD OF DEPARTMENT

INTERNAL EXAMINER



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Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss SHAIKH SAIFUDDIN  
RIYAZUDDIN of B.Sc. FIRST, Roll No. 05,  
University exam Seat no. / PRN no. 2022015200886123; has  
successfully completed the project in the subject of Electronics on  
the topic HEAT SENSOR  
during the year **2022-2023**.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss SHAIKH MUZAMMIL  
ABDUL WASEEM of B.Sc. FIRST, Roll No. 06.,  
University exam Seat no. / PRN no. 2022015200886131; has  
successfully completed the project in the subject of Electronics on  
the topic FOG EXHAUSTER.  
during the year 2022-2023.

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INTERNAL EXAMINER



EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss. SHAIKH ALFIYA  
FIRDOUS SHAIKH of B.Sc. FIRST, Roll No. 07,  
ZAHEER  
University exam Seat no. / PRN no. 2022015200886146; has  
successfully completed the project in the subject of Electronics on  
the topic RELAY SWITCH  
during the year **2022-2023**.

HEAD OF DEPARTMENT

INTERNAL EXAMINAR



EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss SHAIKH JUNAID  
SHAIKH JAVEED of B.Sc. FIRST, Roll No. 108,  
University exam Seat no. / PRN no. 2022015200885127; has  
successfully completed the project in the subject of Electronics on  
the topic HEAT SENSOR.  
during the year 2022-2023.

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INTERNAL EXAMINER



EXTERNAL EXAMINER



Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss ATHARULLAH KHAN  
ATIQUULLAH KHAN of B.Sc. I Year, Roll No. 12,  
University exam Seat no. / PRN no. 2022015200885143 has  
successfully completed the project in the subject of Electronics on  
the topic DARK DETECTOR  
during the year 2022-2023.

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Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss SHAIKH TAUFIQUE  
RAFIQUE of B.Sc. I YEAR, Roll No. 13.,  
University exam Seat no. / PRN no. 2022015200885151; has  
successfully completed the project in the subject of Electronics on  
the topic FIRE ALARM,  
during the year **2022-2023**.

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Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss PATHAN FAISAL  
JAFAR of B.Sc. 1<sup>ST</sup> YEAR, Roll No. 14,  
University exam Seat no. / PRN no. 2022015200885166; has  
successfully completed the project in the subject of Electronics on  
the topic Power Supply (9V).  
during the year **2022-2023**.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss GAIKWAD JAIDEEP  
VILAS of B.Sc. I YEAR, Roll No. 18,  
University exam Seat no. / PRN no. 2022015200885506; has  
successfully completed the project in the subject of Electronics on  
the topic Voltage Regulator  
during the year 2022-2023.

HEAD OF DEPARTMENT

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss SHAIKH ABUZAR  
SHAIKH SHAMIM of B.Sc. 4<sup>th</sup> YEAR, Roll No. 21,  
University exam Seat no. / PRN no. 2022015200885537; has  
successfully completed the project in the subject of Electronics on  
the topic Power Supply,  
during the year 2022-2023.

HEAD OF DEPARTMENT

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Jerusha  
Jayonand Kamble of B.Sc. 2<sup>nd</sup> year, Roll No. 01,  
University exam Seat no. / PRN no. 2021015200170525; has  
successfully completed the project in the subject of Electronics on  
the topic Clap switch  
during the year **2022-2023**.

HEAD OF DEPARTMENT

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Umaira Saadaf  
Riswan Bhaiy of B.Sc. II year, Roll No. 02,  
University exam Seat no. / PRN no. 2021015200185351; has  
successfully completed the project in the subject of Electronics on  
the topic Touch off Touch on  
during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss UMME HANI SALMA  
\_\_\_\_\_ of B.Sc. 2<sup>nd</sup> year, Roll No. 05,  
University exam Seat no. / PRN no. 20216152604SP16; has  
successfully completed the project in the subject of Electronics on  
the topic FIRE ALARM USING IC 555 TIMER  
during the year **2022-2023**.

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INTERNAL EXAMINAR



EXTERNAL EXAMINER



Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss SHAIKH SABEEL  
AHMED of B.Sc. II<sup>nd</sup> year, Roll No. 06,  
University exam Seat no. / PRN no. 2021015200164811; has  
successfully completed the project in the subject of Electronics on  
the topic Heat Sensor with fan cooling  
during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Danish Khan  
Ahemad Khan of B.Sc. 2<sup>nd</sup> year Roll No. 08,  
University exam Seat no. / PRN no. 2021015200174384; has  
successfully completed the project in the subject of Electronics on  
the topic Heat sensors with fan cooling  
during the year **2022-2023**.

HEAD OF DEPARTMENT

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Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Rehan Raza  
Mehboob Shaikh of B.Sc. II. Yr., Roll No. 12,  
University exam Seat no. / PRN no. 2018015200538412; has  
successfully completed the project in the subject of Electronics on  
the topic 555 - Timer  
during the year **2022-2023**.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Sheikh Ramsha  
Anis of B.Sc. 2nd year, Roll No. 13,  
University exam Seat no. / PRN no. 2021015200181113; has  
successfully completed the project in the subject of Electronics on  
the topic Traffic light signal control  
during the year **2022-2023**.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss KHAN MOHAMMED  
TALHA of B.Sc. 3<sup>rd</sup> year, Roll No. 01,  
University exam Seat no. / PRN no. 2020015200259005; has  
successfully completed the project in the subject of Electronics on  
the topic Photo sensor with Control relay  
during the year **2022-2023**.

HEAD OF DEPARTMENT

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss SHAIKH MUNEEB  
SHAIKH MOIN of B.Sc. III<sup>rd</sup> yr, Roll No. 02,  
University exam Seat no. / PRN no. 2020-15200259477; has  
successfully completed the project in the subject of Electronics on  
the topic BATTERY TESTER  
during the year **2022-2023**.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss. Syed Azlan  
Mohammad Allouddin of B.Sc. III<sup>rd</sup> y, Roll No. 3,  
University exam Seat no. / PRN no. 2020015200270065; has  
successfully completed the project in the subject of Electronics on  
the topic Light switch  
during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Abdullah Galeb  
Bin Hilabi of B.Sc. III<sup>rd</sup> Year, Roll No. 04,  
University exam Seat no. / PRN no. 2020015200270363; has  
successfully completed the project in the subject of Electronics on  
the topic Electronics EYE.  
during the year 2022-2023.

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EXTERNAL EXAMINER



Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Dr. Rafiq Zakaria  
of B.Sc. III<sup>rd</sup>, Roll No. 05

University exam Seat no. / PRN no. 202015200210355; has  
successfully completed the project in the subject of Electronics on  
the topic ELECTRONIC EYE  
during the year 2022-2023.

HEAD OF DEPARTMENT

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss KHAN MUSAIIB AYUB  
KHAN of B.Sc. III Year, Roll No. 06,  
University exam Seat no. / PRN no. 20200152002639<sub>61</sub> has  
successfully completed the project in the subject of Electronics on  
the topic Clap switch  
during the year **2022-2023**.

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Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Quadri Syeda Samia  
Anam of B.Sc. III year, Roll No. 07,  
University exam Seat no. / PRN no. 2020015200261074; has  
successfully completed the project in the subject of Electronics on  
the topic touch sensitive alarm  
during the year **2022-2023**.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Azan Khan Ansari <sup>kn</sup>  
\_\_\_\_\_ of B.Sc. BSc III<sup>rd</sup>, Roll No. 08,  
University exam Seat no. / PRN no. 2018015200469951; has  
successfully completed the project in the subject of Electronics on  
the topic Fire alarm fire alarm  
during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Kazi Huzair Abdul  
Quddus of B.Sc. III year, Roll No. 09,  
University exam Seat no. / PRN no. 2018015200539752; has  
successfully completed the project in the subject of Electronics on  
the topic Fire alarm  
during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that <sup>✓</sup>Mr. / Miss Shaikh Akram Ahmed  
\_\_\_\_\_ of B.Sc. III year, Roll No. 10,  
University exam Seat no. / PRN no. 2020015200269836; has  
successfully completed the project in the subject of Electronics on  
the topic clap switch  
during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss. Sayyed Mustaqeem  
Sayyed Sadiq of B.Sc. III<sup>rd</sup> y, Roll No. 12,  
University exam Seat no. / PRN no. 2020015200265307; has  
successfully completed the project in the subject of Electronics on  
the topic Automatic cloakroom Light  
during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss SHAIKH ALFIYA  
SHAIKH MUKHTAR of B.Sc. BSC<sup>3<sup>rd</sup></sup>, Roll No. 13,  
University exam Seat no. / PRN no. 2020015-2-00273-774; has  
successfully completed the project in the subject of Electronics on  
the topic LIGHT SENSITIVE TRIGGER.  
during the year 2022-2023.

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**Maulana Azad College of Arts, Science & Commerce**  
**Dr. Rafiq Zakaria Campus, Rauza Baugh, Aurangabad**

**Academic year 2022-23**

**Name: Dr. Mohd Anis Abdul Wahed**

**Signature:** 

**2.3.2 Teachers use ICT enabled tools for effective teaching-learning process**

(a) Provide photos/links of institutes website showcasing teachers using ICT for effective teaching with learning management.

**Whatsapp Groups**

BSc First Year: <https://chat.whatsapp.com/jf0tr8R1S8PDxjAFBLCCM2>

BSc Second Year: <https://chat.whatsapp.com/L5MrbR8rTVs5WEtMKAgQIO>

BSc Third Year: <https://chat.whatsapp.com/F5jgHgeMZBSGAvaeobdwQ9>

**Google Meet link**

BSc First Year: [meet.google.com/ahc-pdua-gcw](https://meet.google.com/ahc-pdua-gcw)

BSc Second Year: [meet.google.com/gna-jndc-waa](https://meet.google.com/gna-jndc-waa)

BSc Third Year: [meet.google.com/tya-vzxa-yue](https://meet.google.com/tya-vzxa-yue)

**Google form link for Test**

BSc First Year

<https://docs.google.com/forms/d/1Tj-IJVTy5NucEHaNjpOeveoERQwBoe0V2amqNI1p964/edit>

BSc Second Year

<https://docs.google.com/forms/d/1T-NzpjXl1B6NDDsj-7LY-5xE1DYfoX7HrPzZgQYbur4/edit>

BSc Third Year

<https://docs.google.com/forms/d/1Tj-IJVTy5NucEHaNjpOeveoERQwBoe0V2amqNI1p964/edit>

**Youtube Links**

<https://www.youtube.com/watch?v=kii56WTCQn0&pp=vgUGb3AgYWJw>

<https://www.youtube.com/watch?v=AuZ00cQ0UrE>

[https://www.youtube.com/watch?v=uyOfonR\\_rEw](https://www.youtube.com/watch?v=uyOfonR_rEw)

<https://www.youtube.com/watch?v=EGmreVO-vNM&pp=vgUJNTU1JHRpbWVv>

<https://www.youtube.com/watch?v=isKSfaFQ4d4>

<https://www.youtube.com/watch?v=->

[https://www.youtube.com/watch?v=-VwPSDQmdjM&list=PLwJK\\_isK4LLDoFG8FaiKA72JStRkPSvqq&pp=IAQB](https://www.youtube.com/watch?v=-VwPSDQmdjM&list=PLwJK_isK4LLDoFG8FaiKA72JStRkPSvqq&pp=IAQB)



[https://www.youtube.com/watch?v=2I\\_8YNVubEw](https://www.youtube.com/watch?v=2I_8YNVubEw)

<https://www.youtube.com/watch?v=KynKHr2cXgk>

[https://www.youtube.com/watch?v=l\\_q9gX05Dqio](https://www.youtube.com/watch?v=l_q9gX05Dqio)

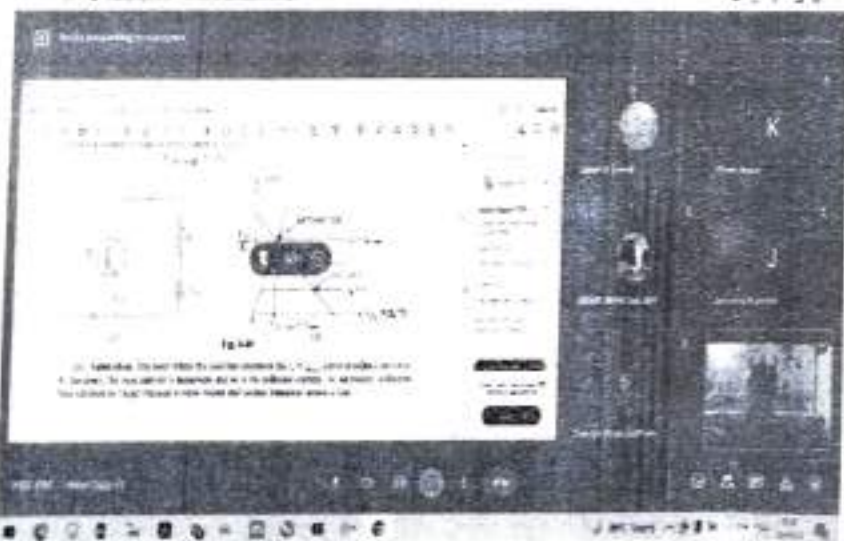
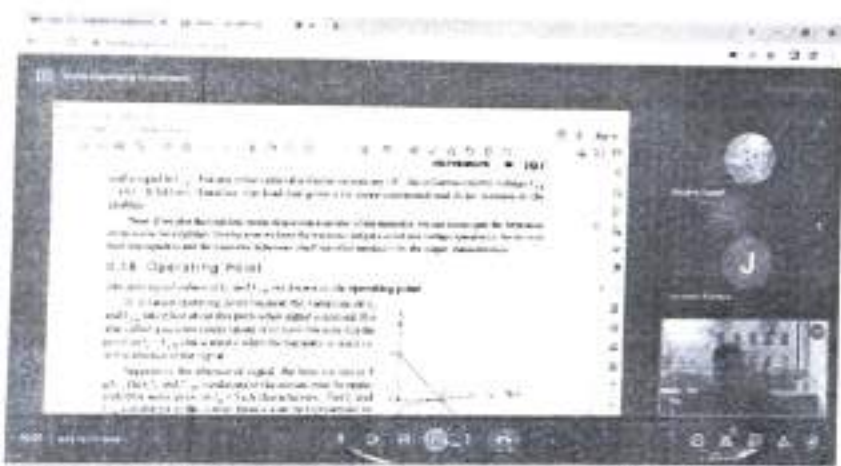
(b) Provide various ICT tools available in department

Number of teachers using ICT	Total number of teachers in the department 2022-23	ICT tools and resources available	Number of ICT enabled classroom	E-resources and techniques used
2	2	Computer, Internet, projector, Simulator software	1	E-books collection at department, PPT, Online Platforms like Whatsapp, google meet, youtube

(c) List of teachers using ICT tools

Sr. No	Department	Name of Teacher	Designation
1	Physics and Electronics	Dr. Mohd Aulis Abdul Wahed	Assistant Professor

Photo gallery





200 Principles of Electronics

It may be noted that  $L_p$  in a fixed inductor varies with the value of core magnetic material. From the above, it is clear that the permeability of the core material is a factor in determining the inductance of a coil.

**Quality Factor** For a series circuit,  $Q$  is defined as the ratio of the voltage across the inductor to the voltage across the resistor.

Series Resonance:  $Q = \frac{V_L}{V_R} = \frac{I \omega L}{I R} = \frac{\omega L}{R}$

It is clear from the above that  $Q$  is independent of  $L$  and  $C$  but  $Q$  is a function of the value of  $R$ .  $Q$  is a measure of the selectivity of the circuit. As  $Q$  increases, the selectivity of the circuit increases. As  $Q$  increases, the bandwidth of the circuit decreases.

Thus the quality factor in a fixed inductor is  $Q = \frac{\omega L}{R}$ . This means that, for a given  $L$ , the inductance of the coil is directly proportional to  $Q$ . For example, if  $Q = 10$ , then the  $R$  will be  $\frac{1}{10}$  of the value of  $\omega L$ . This is the large value of  $Q$  for a fixed inductor, it has poor selectivity.

**Advantages**

1. The inductor has a high quality factor and is a good...

**Manual Switches**  
Works on applying momentary pressure

Normally Open Switch

Normally Closed Switch

Multiple push buttons

Name: Dr. Mohd Anis Abdul Wahed



Signature: *[Handwritten Signature]*

Dr. Rafiq Zakaria Campus  
Maulana Azad College of Arts, Science and Commerce;  
Aurangabad.

DEPARTMENT OF PHYSICS AND ELECTRONICS

Physics & Electronics Quiz

Report of activity for submission to IQAC

Name of the Activity: Physics & Electronics Quiz

Date: 28/02/2023

Online platform: Google forms

Number of beneficiaries: 101

Type of activity: Departmental activity

Goals and Objectives : To evaluate student's progress in their subject knowledge and to encourage them to participate in various competitive examinations after graduation.

Highlights of the Programme: -

The Department of Physics and Electronics has organized the ' Physics & Electronics Quiz ' as part of departmental activity on 28<sup>th</sup> Feb 2023 on the occasion of National Science Day, which also mark the discovery of Raman Effect by Indian Physicist and Nobel Laureate Sir CV Raman. This Quiz was conducted on online platform 'Google forms'. The link of the quiz is <https://youtube.com/shorts/ghVrK0CNYzk?si=JrvPogPNAfHEq0gA> Total 101 students of classes B.Sc. FY, SY and TY participated enthusiastically in the quiz and responses of them were recorded. The main goal of organizing this quiz was to encourage students to participate in various competitive examinations after graduation. Responses of this quiz paved the way in understanding student's knowledge about the



subject. This quiz was helpful in understanding learning ability of students and their ability to retain the knowledge. The questions were so designed that they would give a little insight of an actual competitive exams. The response sheet of the quiz is attached herewith.

**Relevance and Outcome: -**

This activity enhanced the curiosity among the students regarding competitive exams. It also helped in understanding level of critical thinking of the students. Responses obtained of this quiz helped in understanding student's knowledge about the subject.

**Programme Coordinator:** Dr. Shaikh Ifrah Fatema

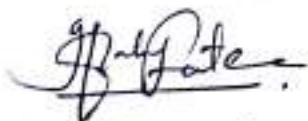
**Organizing team / committee:**

Mr. Shaikh Mohd. Waseem,

Dr. Mohd. Anis,

Dr. Abdul Jaleel,

Mr. Shaikh Junaid



Head, Dept. of  
Physics and Electronics

Head Department of  
Physics & Electronics

Maulana Azad College of Arts, Science &  
Commerce, Aurangabad.



IQAC Coordinator

Maulana Azad College  
COORDINATOR

Internal Quality Assurance Cell  
Maulana Azad College of Arts,  
Science & Commerce, Aurangabad.



Principal

Maulana Azad College  
Principal  
Maulana Azad College of Arts,  
Science & Commerce,  
Rauza Baugh, Aurangabad.



Timestamp	Email Address	Score	Name of Participant :-	Class :-	Roll No. :-
2/28/2023 17:05:29	amaangazi4466@gmail.com	8 / 20	Amaan gazi	1year	420
2/28/2023 17:12:40	ayeshaaanam592@gmail.com	16 / 20	Ayesha Aanam	Bsc 2nd year	406
2/28/2023 17:13:34	rehankhan988@outlook.com	11 / 20	Pathan Rehan ajmalkhan	Bsc FY	306
2/28/2023 17:13:52	azimas4545@gmail.com	18 / 20	Shaikh Azim Shaikh Shabbir	B Sc 3 rd year	422
2/28/2023 17:15:56	musferamaheen25@gmail.com	17 / 20	Musfera Maheen	Bsc SY	431
2/28/2023 17:22:16	alisdfr67@gmail.com	16 / 20	Siddiqui Saba	Bsc 2nd year	512
2/28/2023 17:24:17	SYEDARAMEESHA2003@GMAIL.C	16 / 20	Syeda Rameesha Hussaini	B sc 3rd year	541
2/28/2023 17:27:48	skromana467@gmail.com	4 / 20	Romana Shaikh azhar	BSC 2nd sem	408
2/28/2023 17:28:12	kvajir48@gmail.com	15 / 20	Mohammad haseeb	B sc	505
2/28/2023 17:29:10	quba.khan001@gmail.com	19 / 20	Khan Quba	BSC- FIRST YEA	552
2/28/2023 17:31:21	afreenbegum8037@gmail.com	15 / 20	Afreen Begum	B.sc 1st year	425
2/28/2023 17:37:47	fatematahura28@gmail.com	18 / 20	Siddiqui Tahura Fatema	B.sc	406
2/28/2023 17:39:00	Kp665577@gmail.com	16 / 20	Sameer Maksud pathan	B.sc T.Y	546
2/28/2023 17:43:47	sadafumaira556@gmail.com	14 / 20	Umaira sadaf	BSc 2year	02
2/28/2023 17:47:57	pathand196@gmail.com	12 / 20	Danish Khan	Bsc 2 year	08
2/28/2023 18:16:23	tahzeeofficial@gmail.com	14 / 20	Tahzeeb Fatema	bsc 3rd year	403
2/28/2023 18:21:15	skmuneeb686332@gmail.com	19 / 20	Shaikh Muneeb Shaikh Moin	B.sc III Y	02
2/28/2023 18:25:32	itsusman339@gmail.com	17 / 20	MOHAMAD USMAN ABDUL MAJE	B.Sc. 3rd year	101
2/28/2023 18:32:48	kamblejerusha@gmail.com	17 / 20	Jerusha kamble	Bsc 2year	01
2/28/2023 19:17:30	aherprasad123@gmail.com	17 / 20	Prasad aher	Bsc 3rd year 6 se	416
2/28/2023 19:24:01	Shaikhsaif4986@email.com	16 / 20	Shaikh saifuddin	B.S.C. F.Y	5
2/28/2023 19:57:05	sufyanshaikh974@gmail.com	20 / 20	Shaikh sufyan mustaqim	Bsc 3rd year	411
2/28/2023 20:41:24	gualbsk555a@gmail.com	17 / 20	Afreen Shaikh Gulab nabi	bsc third year	538
2/28/2023 20:57:09	shaikhsaryanaaz@gmail.com	12 / 20	shaikh sarya Naaz	bsc 3rd	513
2/28/2023 23:04:56	shaikhmaseera515@gmail.com	14 / 20	Shaikh alfiya firdous	Bsc 1st year	07
2/28/2023 23:08:00	salmanbm10@gmail.com	16 / 20	Salman bin mubarak	Bsc 2 year	301
3/1/2023 9:25:56	shaikhmujeeb25751@gmail.com	13 / 20	Mujeeb Shaikh	B.sc fy	308
3/1/2023 9:29:32	roshanpate01907@gmail.com	5 / 20	Shaikh Roshan	Bsc	404
3/1/2023 9:46:32	hamadsayyed9890@gmail.com	2 / 20	Sayyed Hamad Sayyed Nisar	1 year	125
3/1/2023 9:55:33	iamshahed555@gmail.com	19 / 20	Shahed khan	Bsc 1	543
3/1/2023 10:16:10	nknusrat22khan@gmail.com	15 / 20	NUSRAT JAMEEL KHAN	BSc third year	421
3/1/2023 10:19:13	skaaliyakausar18@gmail.com	18 / 20	Shaikh Aaliya kausar shaikh juneid	Bsc 3rd yr	508



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3/1/2023 10:25:00	sdayaan98@gmail.com	16 / 20	Syeda iram	Bsc 2year	412
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3/1/2023 13:02:14	khantailhaali786@gmail.com	18 / 20	Khan Mohammed Talha	BSC 3rd year	01
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3/1/2023 19:22:05	ssanu4344@gmail.com	16 / 20	Saniya najir shaikh	Bsc fy	301
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3/1/2023 21:00:09	adibashaikh526@gmail.com	16 / 20	Adiba shaikh	Bsc 2nd year	535
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3/2/2023 12:15:00	azlansyed5@gmail.com	20 / 20	Syed Azlan	B.Sc 3 year	03
3/2/2023 14:15:31	ullahsaf78338@gmail.com	20 / 20	Mohammed Safiullah Siddiqui	Bsc	420
3/2/2023 14:16:16	asmagazala9716@gmail.com	15 / 20	Shaikh Adiba Gazal	Bsc 3 yr	522
3/2/2023 15:51:59	atharkhan9730685517@gmail.com	9 / 20	Atharkhan	Bsc 1st year	12
3/2/2023 18:04:55	khaled.aljabri2002@gmail.com	18 / 20	Khaled al jabri	Bsc 1year	1



3/2/2023 11:08:20	sumairahmed7020@gmail.com	13 / 20	Shaikh Sumair Ahmed	B. Sc II Year	309
3/2/2023 19:21:32	huzaifkazi9229@gmail.com	17 / 20	Kazi huzair	Bsc 3rd year	9
3/2/2023 12:24:48	aqsa40637@gmail.com	15 / 20	Aqsa khan	Bsc 3rd year	407



## Physics & Electronics Quiz

This Quiz is organized by Department of Physics and Electronics, Dr. Rafiq Zakaria Campus-I, Maulana Azad College of Arts, Science and Commerce, Aurangabad, on the occasion of the National Science Day.

\*Students required answers

1. Email:- \_\_\_\_\_

2. Name of Participant:-\* \_\_\_\_\_

3. Class:-\* \_\_\_\_\_

4. Roll No:-\* \_\_\_\_\_

5. Q1. Amplifier Requires \_\_\_\_\_ feedback \* \_\_\_\_\_

Mark only one oval

- a. negative  
 b. positive  
 c. both  
 d. None

1 point

6. Q2. First Indian Scientist awarded with Nobel Prize in Physics \* \_\_\_\_\_

1 point

Mark only one oval

- a. Sumitro Bhanu Sen  
 b. C. V. Raman  
 c. H. P. Roy  
 d. K. R. Raman

7. Q3. Diode is \_\_\_\_\_ \* \_\_\_\_\_

1 point

Mark only one oval

- a. semiconductor  
 b. amplifier  
 c. rectifier  
 d. both a and c

8. Q4. Which Renaissance scientist is credited with the discovery of the pendulum? \_\_\_\_\_

1 point

Mark only one oval

- a. Sir Isaac Newton  
 b. Ptolemy  
 c. Planck  
 d. Galileo Galilei



12. Q8. First Woman to win Nobel Prize was \_\_\_\_\_

Mark only one oval.

- a. Mother Teresa
- b. Mrs. Aung San Suu
- c. Lise Meitner
- d. Madam Marie Curie

13. Q9. For which work did Dr. Raman get the Nobel Prize in Physics in 1930? - 1 year

Mark only one oval.

- a. Reflection of light
- b. Scattering of light
- c. Polarization of light
- d. Refraction of light

14. Q10. Current and voltages conventionally flow in \*

Mark only one oval.

- a. same direction
- b. opposite direction
- c. upward section
- d. downward direction

9. Q5. Speed was first defined by \_\_\_\_\_

Mark only one oval

- a. Galileo Galilei
- b. Newton
- c. Ptolemy
- d. Kepler

10. Q6. For what discovery did Albert Einstein win his first Nobel Prize? \*

Mark only one oval.

- a. Photoelectric effect
- b. Theory of relativity
- c. Compton effect
- d. Scattering effect

11. Q7. Resistance is \_\_\_\_\_ component \*

Mark only one oval.

- a. active
- b. passive
- c. direct
- d. indirect



18. Q11. Which colour deviates the most when white light passes through a prism?  
1 point

Mark only one oval.

- a. Blue  
 b. Red  
 c. violet  
 d. Green

19. Q12. Which of the following laws was proposed by Michael Faraday?  
1 point

Mark only one oval.

- a. Photoelectric effect  
 b. Electromagnetic induction  
 c. Compton effect  
 d. None of the above

20. Q13. Which famous scientist has written the book "A Brief History of Time"?  
1 point

Mark only one oval.

- a. Max Planck  
 b. Richard Phillips Feynman  
 c. Stephen William Hawking  
 d. J. J. Thomson

21. Q14. Carbon dioxide Laser was discovered by?1 point

Mark only one oval.

- a. Ali Javan  
 b. Kumar Patel  
 c. Theodore Maiman  
 d. None of these

22. Q15. Which radiation has the longest wavelength?  
1 point

Mark only one oval.

- a. Radiowaves  
 b. Infrared  
 c. X-Ray  
 d. Gamma Ray

23. Q16. Fiber Optics work on the principle of \_\_\_\_?  
1 point

Mark only one oval.

- a. Dispersion of light  
 b. Total Internal Absorption  
 c. Total Internal Reflection  
 d. Scattering of light



24. Q20. FM broadcasting band is between \*

Mark only one oval.

- a. HF Range  
 b. VHF Range  
 c. UHF Range  
 d. All of the above

1 point

21. Q17. India's First Atomic Reactor was called \*

Mark only one oval.

- a. Dhruva  
 b. Kamini  
 c. Zahir  
 d. Apshara

22. Q18. Alpha Particle is same as \*

Mark only one oval.

- a. a helium nucleus  
 b. a hydrogen nucleus  
 c. a proton  
 d. a positron

1 point

23. Q19. Michelson and Morley experiment was attempted for detection of \*

1 point

Mark only one oval.

- a. Speed of light  
 b. Luminiferous Ether  
 c. Presence of light  
 d. Relative Velocity

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topic Determination of wavelength of  
different optical source during the year 2022-2023.

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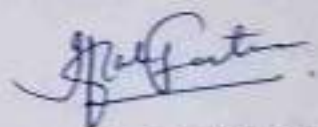


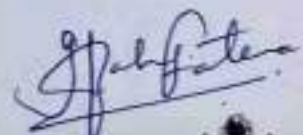
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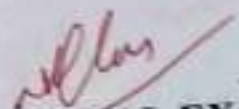
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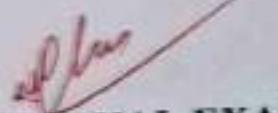
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## CERTIFICATE

This is to certify that Mr. / Miss Rutuja Nanasaheb  
Chavan of B.Sc. III<sup>rd</sup> yr, Roll No. 412,  
University exam Seat no. / PRN no. 2020015200769214; has  
successfully completed the project in the subject of Physics on the  
topic Study of resonance phenomena.  
\_\_\_\_\_ during the year 2022-2023.

HEAD OF DEPARTMENT

INTERNAL EXAMINAR



EXTERNAL EXAMINER



Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / ~~Miss~~ Almohammadi Ahmed  
Abdul Base Sultan of B.Sc. III<sup>rd</sup> year, Roll No. 502,  
University exam Seat no. / PRN no. 2020015200258942; has  
successfully completed the project in the subject of Physics on the  
topic Determination of wavelength of optical  
Sources during the year **2022-2023**.

HEAD OF DEPARTMENT

INTERNAL EXAMINAR



EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Mohammad HASFEB  
Fahmuddin Khan of B.Sc. III Year, Roll No. 505,  
University exam Seat no. / PRN no. 2020015200269874; has  
successfully completed the project in the subject of Physics on the  
topic determination of wave length of optical  
Source: during the year 2022-2023.

*[Signature]*

HEAD OF DEPARTMENT

*[Signature]*  
INTERNAL EXAMINAR



*[Signature]*  
EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Shaikh Aaliya Kautar  
Shaikh Junaid of B.Sc. III<sup>rd</sup> yr., Roll No. 508,  
University exam Seat no. / PRN no. 2020015200265072; has  
successfully completed the project in the subject of Physics on the  
topic Determination of wavelength of different  
optical sources during the year 2022-2023.

HEAD OF DEPARTMENT

INTERNAL EXAMINAR



EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Shaikh Saif Nazam  
Mohd. Asif of B.Sc. III<sup>rd</sup>, Roll No. 513  
University exam Seat no. / PRN no. 2020015200265226; has  
successfully completed the project in the subject of Physics on the  
topic Determination of Wavelength of  
Optical Source during the year 2022-2023.

*[Signature]*

HEAD OF DEPARTMENT

*[Signature]*  
INTERNAL EXAMINAR



*[Signature]*  
EXTERNAL EXAMINER

At Khatol Taluka Campus of  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



**CERTIFICATE**

This is to certify that Mr. / Miss Shrihari Patil/Prasad  
Shrihari Patil/Prasad of B.Sc. II<sup>nd</sup> yr Roll No. 522  
University exam Seat no. / PRN no. 2020200238683 has  
successfully completed the project in the subject of Physics on the  
topic Observation of interference of light  
10/10 during the year 2022-2023.

HEAD OF DEPARTMENT

  
INTERNAL EXAMINER  
EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Mustaqeem Siddiqui  
Abdul Hakeem of B.Sc. III<sup>rd</sup> Y., Roll No. 523-  
University exam Seat no. / PRN no. 2020015200596015; has  
successfully completed the project in the subject of Physics on the  
topic To study different optical  
phenomena during the year 2022-2023.

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INTERNAL EXAMINAR



EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Mirza Saba  
of B.Sc. III year, Roll No. 532,  
University exam Seat no. / PRN no. 2020015200240301; has  
successfully completed the project in the subject of Physics on the  
topic To Study Different Optical Phenomena  
during the year **2022-2023**.

*[Signature]*

HEAD OF DEPARTMENT

*[Signature]*

INTERNAL EXAMINAR



*[Signature]*  
EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Zeenat Fatima  
Altaf patel of B.Sc. III<sup>rd</sup> yrs, Roll No. 536,  
University exam Seat no. / PRN no. 2020015200240235; has  
successfully completed the project in the subject of Physics on the  
topic Different Optics phenomena.  
\_\_\_\_\_ during the year 2022-2023.

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Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Nabeela Sarwat  
Sayyed Hareem of B.Sc. 3<sup>rd</sup> yr, Roll No. 543,  
University exam Seat no. / PRN no. 2020015200264913 has  
successfully completed the project in the subject of Physics on the  
topic To study different optical phenomenon  
during the year **2022-2023**.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Samir Makud  
Kotwal of B.Sc. III<sup>rd</sup> yr, Roll No. 546,  
University exam Seat no. / PRN no. 2929015200283971; has  
successfully completed the project in the subject of Physics on the  
topic To study Different Optical Phenomenon  
during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss SHAIKH ANAM SAHER  
SHAIKH NOOR of B.Sc. 3<sup>rd</sup> year, Roll No. 549,  
University exam Seat no. / PRN no. 2020015200271006; has  
successfully completed the project in the subject of Physics on the  
topic To study the different optical Phenomena  
during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - 1  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Shaikh Fatma  
Rafik of B.Sc. III year, Roll No. 351,  
University exam Seat no. / PRN no. 2018015200135334; has  
successfully completed the project in the subject of Physics on the  
topic To Study Different optical phenomenon  
during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Khan Fayaz  
of B.Sc. III<sup>rd</sup> Year, Roll No. 902,  
University exam Seat no. / PRN no. 2020015200241447; has  
successfully completed the project in the subject of Physics on the  
topic Applications of Newton's Ring.  
during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Faiz, Abdul  
Malik of B.Sc. III<sup>rd</sup> year Roll No. 404,  
University exam Seat no. / PRN no. 2020015200269897; has  
successfully completed the project in the subject of Physics on the  
topic Applications of Newtons Ring  
during the year 2022-2023.

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Dr. Rafiq Zakaria Campus - 1  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Fauha Tabassum  
of B.Sc. III<sup>rd</sup> Y, Roll No. 408,  
University exam Seat no. / PRN no. 202001520059587, has  
successfully completed the project in the subject of Physics on the  
topic The Study of Resonance Phenomena  
during the year 2022-2023.

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Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss SHIFA NAZ  
MOHD ASHFAQUE of B.Sc. III<sup>rd</sup> Year, Roll No. 410,  
University exam Seat no. / PRN no. 2020015200259961; has  
successfully completed the project in the subject of Physics on the  
topic STUDY OF RESONANCE PHENOMENA  
during the year 2022-2023.

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INTERNAL EXAMINAR



EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Siddiqui, Albeena  
Siman of B.Sc. III<sup>rd</sup> yr, Roll No. 413,  
University exam Seat no. / PRN no. 2020015200607112 has  
successfully completed the project in the subject of Physics on the  
topic The Study of Resonance Phenomena  
during the year **2022-2023**.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Prasad Baburao  
Ahu of B.Sc. III<sup>rd</sup> Year Roll No. 416,  
University exam Seat no. / PRN no. 2020015200256371; has  
successfully completed the project in the subject of Physics on the  
topic Study of Resonance Phenomena  
during the year 2022-2023.

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Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Namra Nausheen  
\_\_\_\_\_ of B.Sc. III<sup>rd</sup> year, Roll No. 418,  
University exam Seat no. / PRN no. 2019015200164127; has  
successfully completed the project in the subject of Physics on the  
topic Van De Graaff Generator,  
\_\_\_\_\_ during the year 2022-2023.

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Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Shaikh Saheel  
Kadia of B.Sc. 3rd year, Roll No. 401,  
University exam Seat no. / PRN no. 2020015200271424; has  
successfully completed the project in the subject of Physics on the  
topic Applications of Newtons ring  
during the year **2022-2023**.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss TAHZEEB FATEMA  
\_\_\_\_\_ of B.Sc. III<sup>rd</sup> yr, Roll No. 403,  
University exam Seat no. / PRN no. 2020015200259052; has  
successfully completed the project in the subject of Physics on the  
topic Applications of Newton's  
Ring during the year **2022-2023**.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Jahida Fatima  
Abdul Salim of B.Sc. III<sup>rd</sup> year Roll No. 405,  
University exam Seat no. / PRN no. 2020015200762793; has  
successfully completed the project in the subject of Physics on the  
topic Application's of Newton's rings  
during the year 2022-2023.

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INTERNAL EXAMINAR  
EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Siddiqui Tahura  
Fatima of B.Sc. II<sup>nd</sup> yr, Roll No. 406,  
University exam Seat no. / PRN no. 20005200259421; has  
successfully completed the project in the subject of Physics on the  
topic Applications of Newton's Ring  
during the year 2022-2023.

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Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Shaiikh Mohammed  
Hazifa Shaiikh Aamir of B.Sc. III<sup>rd</sup>, Roll No. 409,  
University exam Seat no. / PRN no. 9020015200266017; has  
successfully completed the project in the subject of Physics on the  
topic The study of resonance phenomena.  
\_\_\_\_\_ during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss SHAIKH SUFYAN  
MUSTAQUIM of B.Sc. 3<sup>rd</sup> year, Roll No. 411,  
University exam Seat no. / PRN no. 2020015200275735; has  
successfully completed the project in the subject of Physics on the  
topic The Study of resonance phenomena.  
\_\_\_\_\_ during the year **2022-2023.**

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Gayke Ankush  
Shahjahan of B.Sc. III year, Roll No. 414,  
University exam Seat no. / PRN no. 2020015200279733; has  
successfully completed the project in the subject of Physics on the  
topic Study of Resonance Phenomena  
during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Siddiqui Syeda  
Asfia of B.Sc. III year, Roll No. 417,  
University exam Seat no. / PRN no. 2020015200261945; has  
successfully completed the project in the subject of Physics on the  
topic Determination of wavelength of  
different optical source during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Ansari Javeriya  
Mahd. Ghas Ahmed of B.Sc. III<sup>rd</sup> yr, Roll No. 415,  
University exam Seat no. / PRN no. 2020015200283986; has  
successfully completed the project in the subject of Physics on the  
topic The study of Resonance of  
Phenomena during the year 2022-2023.

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Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that ~~Mr.~~ / Miss SARA MOHAMMED  
ABDUL SAJID of B.Sc. 3<sup>rd</sup> YEAR, Roll No. 419,  
University exam Seat no. / PRN no. 2020015200271695; has  
successfully completed the project in the subject of Physics on the  
topic APPLICATIONS OF NEWTON'S RING  
during the year **2022-2023**.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Mohammed Safiullah  
Siddiqui of B.Sc. III year, Roll No. 420  
University exam Seat no. / PRN no. 2019015200175671; has  
successfully completed the project in the subject of Physics on the  
topic Determination of wave length By  
Optical sources (sodium) during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that ~~Mr.~~ / Miss NUSRAT JAMEEL KHAN  
\_\_\_\_\_ of B.Sc. III<sup>rd</sup> year, Roll No. 421  
University exam Seat no. / PRN no. 2020015200603636 has  
successfully completed the project in the subject of Physics on the  
topic DETERMINATION OF WAVELENGTH BY  
OPTICAL SOURCES (SOIOM) during the year 2022-2023.

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INTERNAL EXAMINAR



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Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Pawan Gangadhar  
Gund of B.Sc. 3<sup>rd</sup> year, Roll No. 103,  
University exam Seat-no. / PRN no. 2020015200699912; has  
successfully completed the project in the subject of Physics on the  
topic Van De Graaff Generator  
during the year **2022-2023**.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Alifa Khan  
\_\_\_\_\_ of B.Sc. 3<sup>rd</sup> year Roll No. 104  
University exam Seat no. / PRN no. 2020015200275252; has  
successfully completed the project in the subject of Physics on the  
topic Van De Graff Generator  
\_\_\_\_\_ during the year 2022-2023.

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Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss MOHAMAD USMAN  
ABDUL MAJEED of B.Sc. 3<sup>rd</sup> year, Roll No. 101,  
University exam Seat no. / PRN no. 2020015200259021; has  
successfully completed the project in the subject of Physics on the  
topic WIRELESS TRANSMISSION OF  
ENERGY during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss MOHD AYAN  
MOHD WAJED of B.Sc. III<sup>rd</sup> year, Roll No. 106,  
University exam Seat no. / PRN no. 2020015200274651; has  
successfully completed the project in the subject of Physics on the  
topic van de graaff Generator  
during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Khan Sabir  
Waheed Khan of B.Sc. III<sup>rd</sup> Year, Roll No. 108,  
University exam Seat no. / PRN no. 2020015200261116; has  
successfully completed the project in the subject of Physics on the  
topic Van De Graaff Generator  
\_\_\_\_\_ during the year 2022-2023.

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Dr. Rafiq Zakaria Campus – I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Syed umaid  
Ahmed of B.Sc. 3<sup>rd</sup> year, Roll No. 109,  
University exam Seat no. / PRN no. \_\_\_\_\_; has  
successfully completed the project in the subject of Physics on the  
topic Van de graaff generator  
\_\_\_\_\_ during the year 2022-2023.

*[Signature]*

HEAD OF DEPARTMENT

*[Signature]*

INTERNAL EXAMINAR



*[Signature]*  
EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss *Sh. Fauzia Ibtihal*  
*Mohd Ilyasuddin* of B.Sc. *III<sup>rd</sup> year*, Roll No. *302*,  
University exam Seat no. / PRN no. *2020015200258892*; has  
successfully completed the project in the subject of Physics on the  
topic *Van de graff generator*  
\_\_\_\_\_ during the year **2022-2023**.

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**INTERNAL EXAMINAR**



**EXTERNAL EXAMINER**

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Shaikh Rohana  
Shaikh Asef of B.Sc. III Year, Roll No. 311,  
University exam Seat no. / PRN no. 2020015200273551; has  
successfully completed the project in the subject of Physics on the  
topic Applications of Newton's Ring.  
\_\_\_\_\_ during the year **2022-2023**.

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Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Huda Siddique  
Kaleem Ur Rehman. of B.Sc. III<sup>rd</sup> yr, Roll No. 333,  
University exam Seat no. / PRN no. 2020015200273535; has  
successfully completed the project in the subject of Physics on the  
topic Applications of Newton Rings.  
\_\_\_\_\_ during the year 2022-2023.

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Hafate

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Ali

EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Sayyed Mohammad  
Awais M. Sabir of B.Sc. III<sup>rd</sup> year, Roll No. 303,  
University exam Seat no. / PRN no. 9020015200259431; has  
successfully completed the project in the subject of Physics on the  
topic Applications of newton's ring  
\_\_\_\_\_ during the year 2022-2023.

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EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Shaikh Azim  
Shaikh Shabbir of B.Sc. III<sup>rd</sup> year, Roll No. 422,  
University exam Seat no. / PRN no. 2020015200274016; has  
successfully completed the project in the subject of Physics on the  
topic Determination of Wavelength of  
different Optical sources during the year **2022-2023**.

*[Signature]*

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*[Signature]*

INTERNAL EXAMINAR



*[Signature]*

EXTERNAL EXAMINER

Dr. Rafiq Zakaria Campus - I  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad



## CERTIFICATE

This is to certify that Mr. / Miss Khan Noor ul ain  
Tasadduque Mahmood of B.Sc. T.Y., Roll No. 425,  
University exam Seat no. / PRN no. 2016015200268885; has  
successfully completed the project in the subject of Physics on the  
topic Applications of Newton's Ring.  
\_\_\_\_\_ during the year **2022-2023.**

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Date: 17/02/2023

To  
The Principal  
Maulana Azad College of Arts, Science and Commerce; A'bad

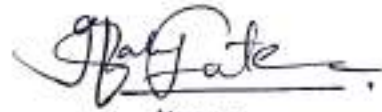
Subject: - Permission to conduct Seminar Competition for B.Sc. III year students.

Respected Sir,

As part of departmental activity and to celebrate National Science day, we would like to arrange a 'Seminar Competition' for the students of B.Sc. III year so as to enhance presentation and oratory skills of the students. This competition is scheduled on 28<sup>th</sup> Feb 2023.

So kindly allow us to conduct the seminar competition and oblige.  
Thanking you.

Yours faithfully,



Head Department of  
Physics & Electronics  
Maulana Azad College of Arts, Science &  
& Electronics, Aurangabad.



Permitted  
17/2

Dr. Rafiq Zakaria Campus

Maulana Azad College of Arts, Science and Commerce

DEPARTMENT OF PHYSICS AND ELECTRONICS

**NOTICE**

Date: - 20/02/2023

All the Students of B.Sc. III year are hereby informed that a Seminar Competition is arranged in the department on 28<sup>th</sup> February 2023. For presentation students can select any topic of their interest related to Physics. Each participant in the seminar was given 5 minute time for presentation & 2 minute time for question answer session. Interested students can give their name to Mr. Shaikh Junaid.



Dr. Shaikh Ifrah Fatema  
Head, Dept. of Physics  
& Head Department of  
Physics & Electronics  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad.

Dr. Rafiq Zakaria Campus  
Maulana Azad College of Arts, Science and Commerce,  
Aurangabad.  
DEPARTMENT OF PHYSICS AND ELECTRONICS

## 'Seminar Competition'

Report of activity for submission to IQAC

Name of the Event: Seminar Competition

Date :- 28/02/2023      Time:- 1:00 pm to 5:00 pm

Venue: Department of Physics & Electronics

Number of Beneficiaries : 30

Type of Activity : Departmental activity

Goals and Objectives : To enhance presentation, oratory skills and to develop confidence among the students.

Highlights of the programme :

Seminar competition was organized by Department of Physics & Electronic on 28<sup>th</sup> Feb 2023 on the occasion of National Science Day. Students were asked to present any topic of their interest related to physics. Each participant in the seminar was given 5 minute time for presentation & 2 minute time for discussion & solving queries raised by the audience. Total 30 students of B.Sc. TY participated in the seminar enthusiastically and delivered engaging presentations. Very Informative & Interactive Powerpoint Presentations were made by all the participants. Dr. Mohd.



Anis and Mr. Shaikh Waseem were the judges for competition, they kept giving their valuable suggestions & feedback to all the participants throughout the competition. On the basis of different aspects related to presentation skill, participants were evaluated by the judges, Mr. Mohammad Usman, Ms. Shaikh Anam Saher & Mr. Siddiqui Mustaqeem secured 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> rank respectively. The active support and co-operation of all the Teaching & Non-teaching staff members of the department helped in making this event a success.

Prize distribution ceremony of seminar competition was held on 18<sup>th</sup> March 2023 to acknowledge & appreciate the magnificent performance of the participants. Prize distribution ceremony was presided over by the Honorable Principal Dr. Mazahar Ahmad Farooqui, Mementos along with certificate were awarded to the winners. Certificates of participation were given to the all participants. Principal Dr. Mazahar Ahmad Farooqui Congratulated & Applauded all the participants for their active participation in the competition & Motivated them to strive for high standards. He also appreciated Dr. Shaikh Ifrah Fatema, Head Department of Physics & Electronics & all the faculty members for arranging this competition & encouraged them to arrange more such events in future.

#### **Relevance and Outcome :**

This competition enhanced the presentation & oratory skills of the students. It helped in boosting their confidence & improve their art of public speaking. The competition was quite successful in inculcating the habit of disciplined discussions among the students of science. Students also learned how to plan & structure a power point presentation which would be certainly helpful in their professional journey.





Organizing committee: Dr. Shaikh Ifrah Fatema,

Dr. Mohd Anis,

Dr. Abdul Jaleel,

Mr. Shaikh Mohd. Waseem,

Mr. Shaikh Junaid



Head, Dept. of

Physics and Electronics

Head Department of

Physics & Electronics

Maulana Azad College of Arts, Science &  
Commerce, Aurangabad.



IQAC Coordinator

Maulana Azad College  
COORDINATOR

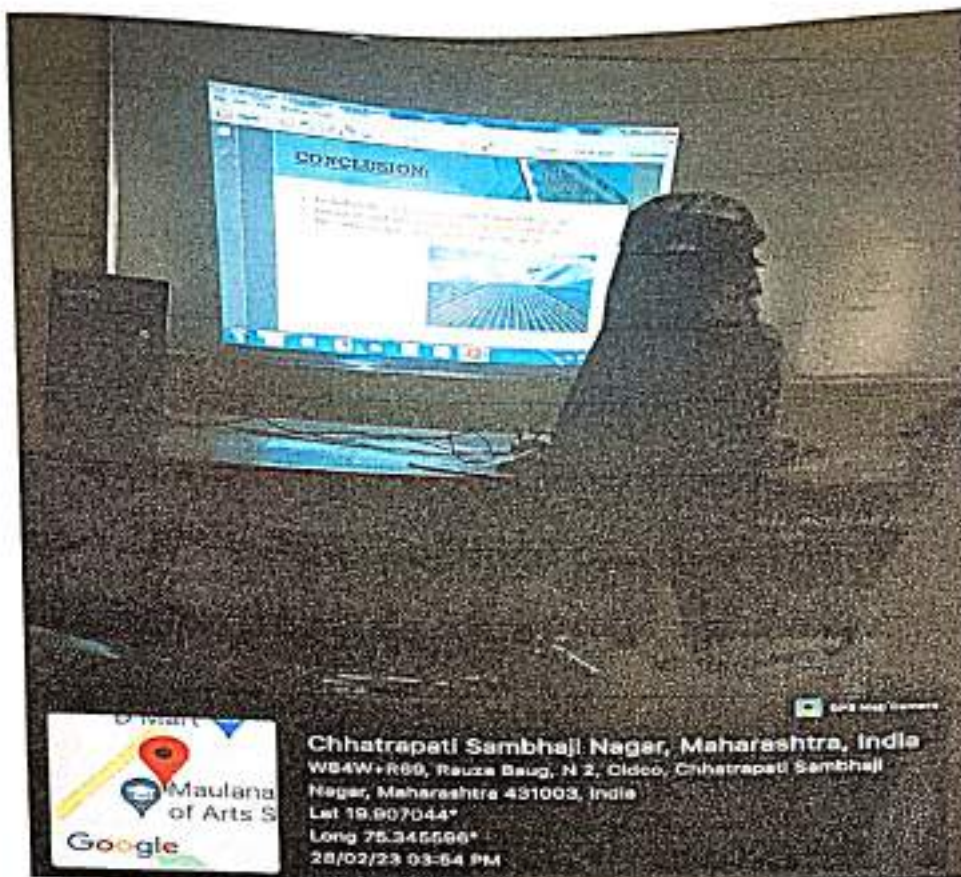
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Maulana Azad College of Arts,  
Science & Commerce, Aurangabad.



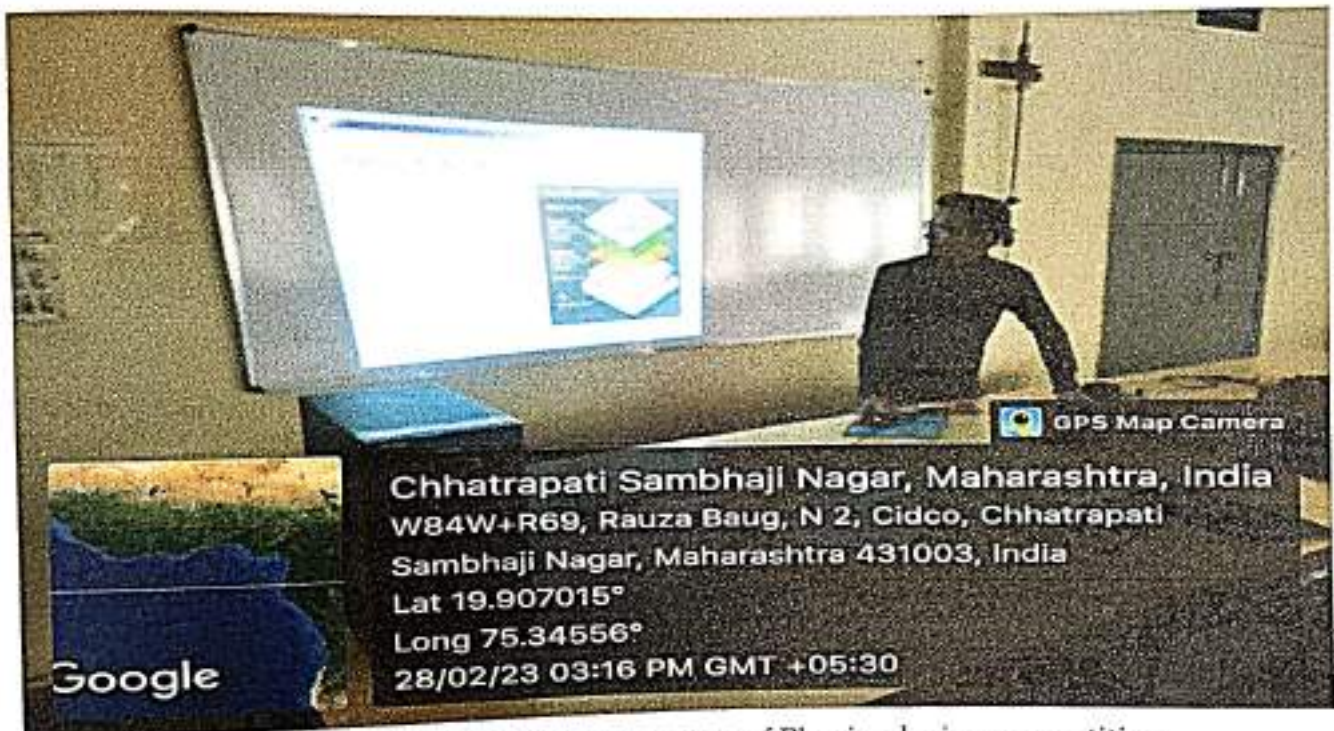
Principal

Maulana Azad College  
Principal  
Maulana Azad College of Arts,  
Science & Commerce,  
Rauza Baugh, Aurangabad.





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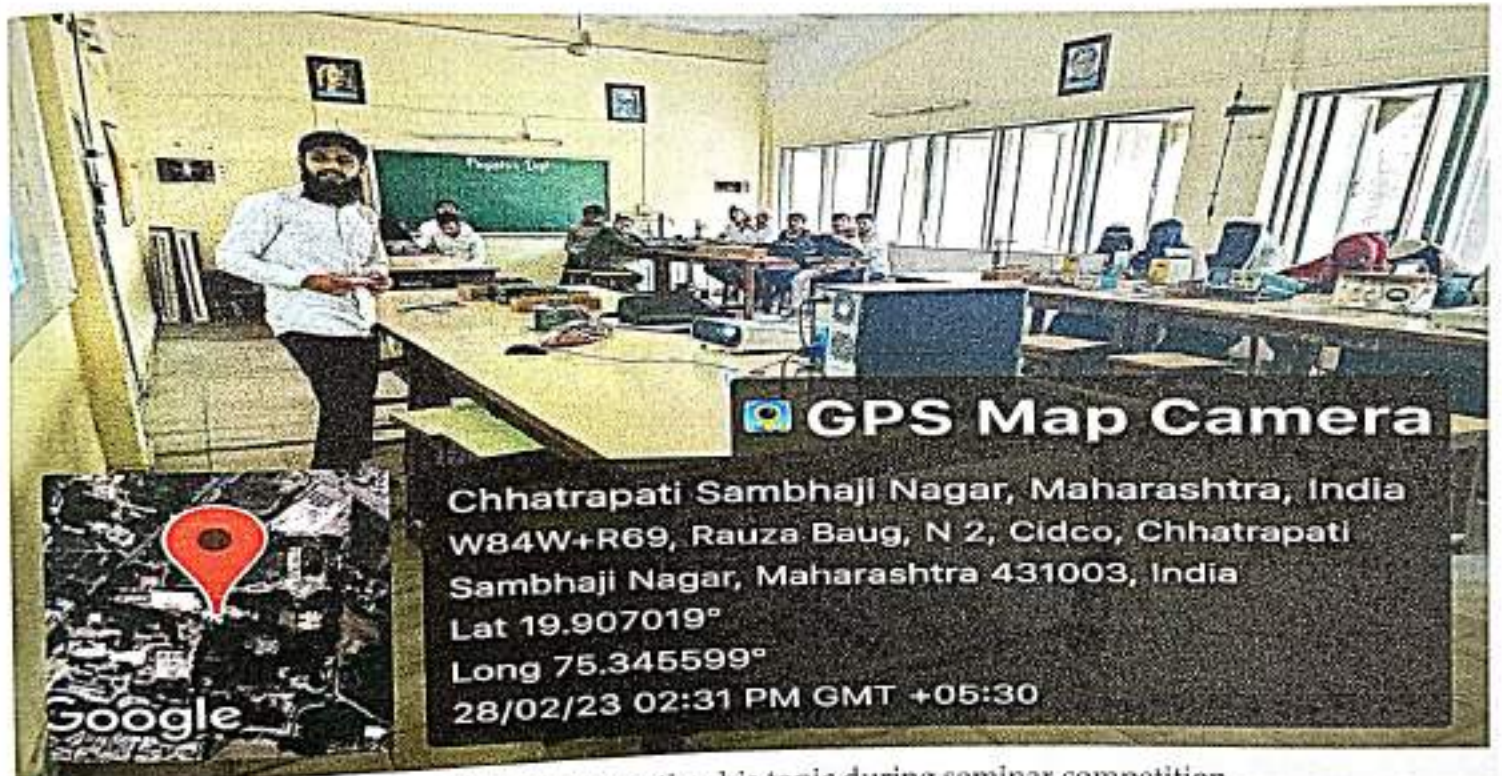
Students explaining different concepts of Physics during competition.





**Chhatrapati Sambhaji Nagar, Maharashtra, India**  
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Sambhaji Nagar, Maharashtra 431003, India  
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Students explaining their topic during competition.

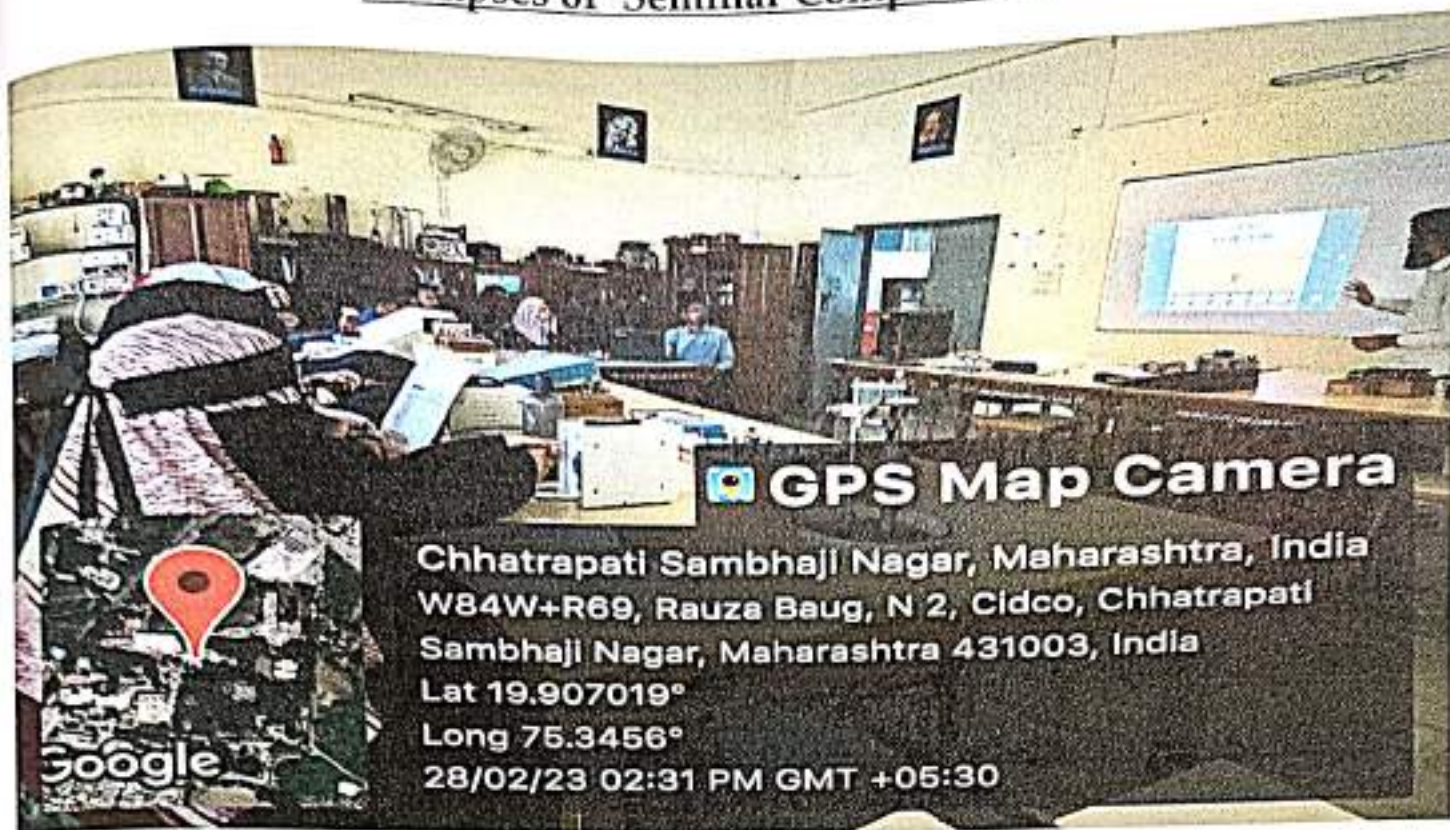


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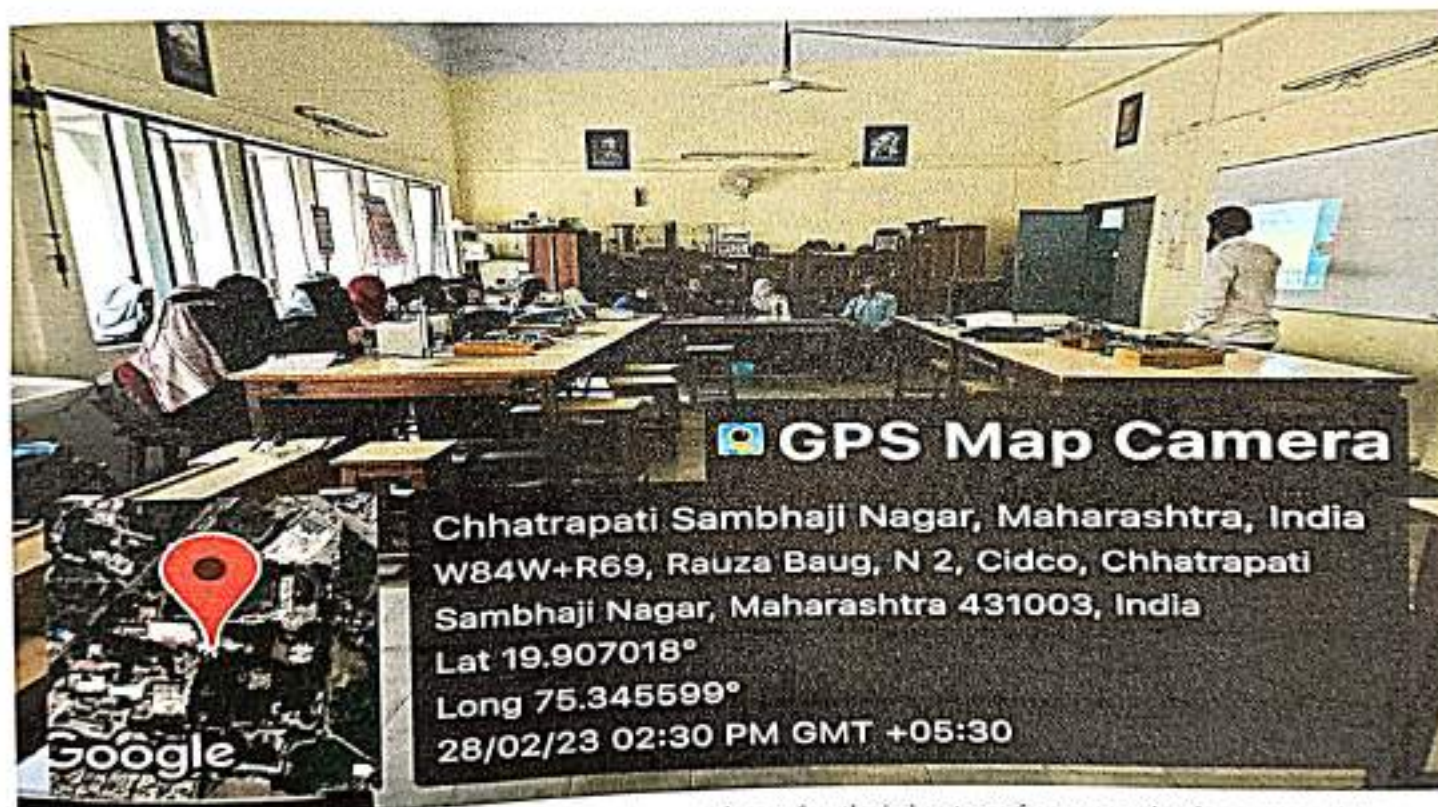
Student confidently presenting his topic during seminar competition.



## Glimpses of 'Seminar Competition'



Students presenting their topics during Seminar Competition.



Dr. Anis and Mr. Shaikh Waseem evaluating students for their best performance in the competition.


















National Science Day-2023

Seminar Attendance

Date: 28/02/2023

Sr. No.	Roll No.	Name	Topic	Sign
1	541	Syeda Rameesha Hussaini	Atomic Physics	R Hussaini
2	549	Shaikh Anam Saher Shaikh noor	Photoelectric effect	Saher
3	538	Shaikh Afreen Shaikh Gulab nabi	Solar Energy.	Afreen.
4	522	Shaikh Adiba Ghozal	OPTICS (Refraction of light)	Adiba
5	508	Shaikh Dalija Kausar	Surface Tension	Dalija
6	412	Rutuja Namasaheb chavem	Vector atom model	Rutuja
7	421	Nusrat Jameel Khan	Non-Conventional Source of Energy	Nusrat
8	302	SK Fauqia Ibtihal	Physics of Plasma	SK
9	408	Fareeha Tabassum	Compton Effect	Fareeha
10	403	Tahzeeb Fatema	Newton's Ring	Tahzeeb
11	02	Shaikh Muneeb	OLED's Technology	Muneeb

Sr. No.	Roll No.	Name	Topic	Sign
12	523	Mustaqem Siddiqui	Doppler effect in sound	
13	101	Mohamad Usman	Origins of Magnetic field	
14	03	SYED AZLAN	CENTER of Mass	
15	303	Sayyed Mohammael Awaal	Magnetic Flux & Dens	
16	01	Kham Md TALHA	P-N Junction diod	
17	411	Shaikh Sufyan mustaqim	Magnetism	
18	401	Shaikh Sahel kadir	Lithium-ion Battery	
19	502	Ahmed Mohammed	P. N Junction	
20	12	Sayyed Mustaqem	TRANSFORMER	
21	333	Fuhal Siddique	Applications of Newton's ring	
22	415	Ansari Jameer Mohd. Ilyas	Center of Mass	
23	404	Faiz Abdul Malik	Optical Fiber	
24	9420	Mohammed Safiullah Siddiqui	Atomic models	
25	411	SHAIKH SUFYAN MUSTAQIM	Magnetism	
26	423	Sh. Muskan Saadaf .Sk. Mukhtar	Cyclotron	

Sr. No.	Roll No.	Name	Topic	Sign
27	07	Quadri Syeda Samia Anam	Theory of Dark matter and Energy	<u>Samia</u>
28	13	Shaikh Alfiya Sheikh Muhsin	Different types of excitations	S.K. Alfiya
29	536	Zamat Fatema Altaf Patel	Quantum Number	<del>Zamat</del>
30.	532	Mirza Saba	Interference of light	<del>Saba</del>

Fatema



Maulana Azad College of Arts, Science & Commerce,  
Dr. Rafiq Zakaria Campus, Rauza Baugh, Aurangabad

**Department of Physics & Electronics**

Academic Year 2022-2023

1. Experiential Learning. (e.g., Project, industrial visit, Field visit, Heritage walks etc.)

Sr.No.	Name of the activity	Number of participants	Date
1	Physics Project	62	
2	Electronics Project	32	

2. Participative Learning. (e.g., Group discussion, Seminar, workshop, Presentation)

Sr.No.	Name of the activity	Number of participants	Date
1	Seminar Competition	30	28/02/2023
2	Bridge Course	58	05/08/2022, 6/08/2022, 12/08/2022, 13/08/2022, 19/08/2022, 20 /08/2022

3. Problem Solving Methods:

Sr.No.	Name of the activity	Number of participants	Date
1	Physics & Electronics Quiz	101	28/02/2023
2	Derivation Contest	23	24/09/2022



*Dr. Shaikh Ibrah Fatema*

Dr. Shaikh Ibrah Fatema  
Head Dept. of Physics  
And Electronics  
Head Department of  
Physics & Electronics  
Maulana Azad College of Arts, Science &  
Commerce, Aurangabad.



## Academic Year 2022-23.

**2.3 Student centric methods, such as** Experiential Learning.e.g. Project, Industrial visit, Heritage walks, Participative Learning, Group discussion, Seminal, Workshop, Presentation and Problem Solving Methodologies are used for enhancing learning experiences.

Departmental: <b>Botany</b>		Academic Year	<b>2022-23.</b>
1. Experiential Learning. (e.g., Project, Industrial visit, Heritage walks etc.)			
Sr. No.	Name of the activity – <b>Study tour. Gautala Wildlife Sanctuary.</b>	Number of Participants	Date: - 16 October 2023
1	Dr. M. Rafiuddin Naser	38	16 October 2023.
2	Dr. Ashfaque M. Khan		
3	Dr. Uzma Quadri.		
4	Dr. Harshdeep B. Sartape		
2. Experiential Learning. (e.g., Project, Industrial visit, Heritage walks etc.)			
Sr. No.	Name of the activity – <b>Industrial Visit</b>	23	Date:-18-01-2023
1	Dr. M. Rafiuddin Naser		
2	Dr. Ashfaque M. Khan		
3	Dr. Uzma Quadri.		
4	Dr. Harshdeep B. Sartape		
1. Participative Learning. (e.g. Group discussion, Seminal, Workshop, Presentation)			
Sr. No	Name of the activity (Group discussion)	Number of Participants	Date: - February 2024.
1	Dr. M. Rafiuddin Naser	17	February last weak
2	Dr. Ashfaque M. Khan	15	February last weak
3	Dr. Uzma Quadri.	12	February last weak
4	Dr. Harshdeep B. Sartape	12	February last weak
2. Problem Solving Methods:			
Sr. No	Name of the activity (Problem Solving Methods)	Number of Participants	Date: - March 2023.
1	Dr. M. Rafiuddin Naser	24	14 - 03-2023.
2	Dr. Ashfaque M. Khan	21	19 - 03-2023.
3	Dr. Uzma Quadri.	12	20 - 03- 2024.
4	Dr. Harshdeep B. Sartape	12	20- 03- 2024.

**Dr. M. Rafiuddin Naser**

Professor and Head of Department Botany  
Maulana Azad College of College of Art's  
Science & Commerce, Aurangabad

## 1. 1. Botanical Tour



## 1. 2. Nath Bio-Genes (Industrial visit)



### 1. 3. Field Visit



### 3. Group Discussions



## 4. Problem Solving









# Maulana Azad College of Arts, Science & Commerce

Dr. Rafiq Zakaria Campus, Rauza Baugh, Aurangabad.

Department	Computer Science	Academic Year	2022 - 2023
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*2.3.1 Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences.*

1. Experiential Learning. (e.g., Project, industrial visit, Field visit, Heritage walks etc.)

S.N.	Name of the activity	Number of participants	Date
1	<h1>Project</h1>	Nusrat Jameel Khan	<h1>16 &amp; 17 March 2023</h1>
2		Fariha Tabassum	
3		Tahzeeb Fatima	
4		Madiha Kauser	
5		Tahura Fatema	
6		Aqsa Khan	
7		Rumaisa Fatema	
8		Shaikh Saheel	
9		Shaikh Sufyan	
10		Shaikh Mohammed Huzaifa	
11		Momin Sofiyan Khan	
12		Khan Mohammad Talha	
13		Khan Saeed	
14		Faiz Abdul Malik	
15		Siddiqui Tahura Fatima	
16		Khan Saba	
17		Rida Fatema	
18		Shaikh Arbaz Ajaz	
19		Mohammad Kaif	
20		Rushab Kamble	
21		Sameer Shaikh	
22		Abdullah Bawazir	
23		Abdullah Bin Hilabi	
24		Ingeela Sayed	
25		Shaikh Aamer	
26		Huzaiif Kazi	
27		Azan Khan	
28		Shaikh Akram	
29		Shaikh Azeem	
30		Tazeen Firdous Abdul Hameed	

# Project

31	Ingeela Sayed Javed
32	ShahanaSuleman Shaikh
33	Shaikh SaimaMd.Haleem
34	Shaikh Misbah Sadaf
35	Sayyeda Roma
36	Shaikh Alfiya
37	Siddiqui AlbeenaAiman
38	Sara Mohammed
39	Syed Azlan
40	Aher Prasad Baburao
41	Aljilani Ahmed Haider
42	Ansari Javereeya
43	Gayke Ankush
44	Khan Altamash
45	Khan Mohammad Faizullah
46	Khan Musaib Ayyub Khan
47	Khan Noorulain
48	Mohd Maqbul Ur Rehman
49	Mohd Musaheb Siddiqui
50	Namra Navsheen Raisuddin
51	Pathan Farddin Khan
52	Quadri Syeda Samia
53	Qureshi Zunera
54	Qureshi Ayman Tabinda
55	Shaikh Adiba Tahreem
56	Shaikh adil
57	Sheikh azim shabbir
58	Sheikh fardeen jameel
59	Sheikh ramsha rehan
60	Shifa naaz md ashfaque
61	Siddiqui mohammad safiullah
62	Siddiqui syeda asfia
63	Syeda asma samreen
64	Tazeen firdous sheikh aqueel
65	Afreen fatema mohd irfan
66	Mehrin anam shaikh ayazuddin

16 & 17 March 2023

2. Participative Learning. (e.g., Group discussion, Seminar, workshop, Presentation)

S.N.	Name of the activity	Number of participants	Date
1	<b>Seminar</b>	Nusrat Jameel Khan	<b>16 &amp; 17 March 2023</b>
2		Fariha Tabassum	
3		Tahzeeb Fatima	
4		Madiha Kauser	
5		Tahura Fatema	
6		Aqsa Khan	
7		Rumaisa Fatema	
8		Shaikh Saheel	
9		Shaikh Sufyan	
10		Shaikh Mohammed Huzaifa	
11		Momin Sofiyan Khan	
12		Khan Mohammad Talha	
13		Khan Saeed	
14		Faiz Abdul Malik	
15		Siddiqui Tahura Fatima	
16		Khan Saba	
17		Rida Fatema	
18		Shaikh Arbaz Ajaz	
19		Mohammad Kaif	
20		Rushab Kamble	
21		Sameer Shaikh	
22		Abdullah Bawazir	
23		Abdullah Bin Hilabi	
24		Ingeela Sayed	
25		Shaikh Aamer	
26		Huzaif Kazi	
27		Azan Khan	
28		Shaikh Akram	
29		Shaikh Azeem	
30		Tazeen Firdous Abdul Hameed	
31		Ingeela Sayed Javed	
32		Shahana Suleman Shaikh	
33		Shaikh Saima Md. Haleem	
34		Shaikh Misbah Sadaf	
35		Sayyeda Roma	
36		Shaikh Alfiya	
37		Siddiqui Albeena Aiman	
38		Sara Mohammed	
39		Syed Azlan	
40		Aher Prasad Baburao	
41		Aljilani Ahmed Haider	
42		Ansari Javereeya	

43	Gayke Ankush	16 & 17 March 2023
44	Khan Altamash	
45	Khan Mohammad Faizullah	
46	Khan Musaib Ayyub Khan	
47	Khan Noorulain	
48	Mohd Maqbul Ur Rehman	
49	Mohd Musaheb Siddiqui	
50	Namra Navsheen Raisuddin	
51	Pathan Farddin Khan	
52	Quadri Syeda Samia	
53	Qureshi Zunera	
54	Qureshi Ayman Tabinda	
55	Shaikh Adiba Tahreem	
56	Shaikh adil	
57	Sheikh azim shabbir	
58	Sheikh fardeen jameel	
59	Sheikh ramsha rehan	
60	Shifa naaz md ashfaq	
61	Siddiqui mohammad safiullah	
62	Siddiqui syeda asfia	
63	Syeda asma samreen	
64	Tazeen firdous sheikh aqeeel	
65	Afreen fatema mohd irfan	
66	Mehrin anam shaikh ayazuddin	

### 3. Problem Solving Methods ()

S.N.	Name of the activity	Number of participants	Date
1	Project	66	16 & 17 March 2023
2	Seminar	66	16 & 17 March 2023

Note: Attach list of participants for each activity separately.



Head of the Department

**DR. SHAIKH AKHIL**

Head of the Department of Computer Science  
Maulana Azad College of Arts, Science & Commerce  
Dr. Rafiq Zakaria Campus, Puzos Baugh,  
Aurangabad-431001 (M.S.)

**Dr. Rafiq Zakaria Campus**  
**Maulana Azad College of Arts, Science and Commerce, Aurangabad**  
**Report of activity for submission to IQAC**

**Dept of Zoology**

**Name of the Event/ Activity:** - Excursion Tour to Zoological Museum

**Date:-** 3-9-2022      **Time:-** 11.00 AM

**Place:** Dr. B. A. M. U. Aurangabad      **Number of beneficiaries:-**47

**Type of activity:-** Curricular

**Details of the Programme:-**

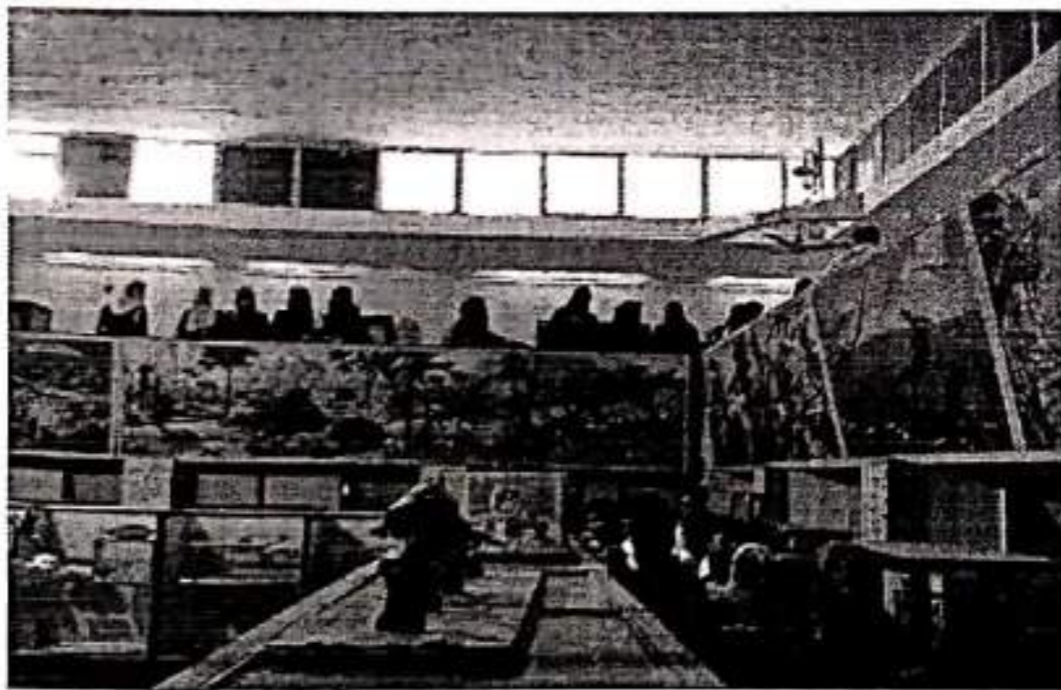
1. B.Sc. S.Y. & T.Y. students are visited to Zoological Museum Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
2. Mr. Rahul Kale, Research student, explains brief background of DNA Bar-coding and Students handling the instrument in DNA Bar-coding Centre.
5. B.Sc. students observed various types of species in Zoological museum.
- 6 .All students and staff members are actively participated in this excursion.

**Goals and objectives:-**

1. To provide the information about native animals.
2. To collect, preserve and interpret objects of aesthetic and cultural value.
3. Taxonomic studies of all faunal components collected.

**Relevance and out comes:-**

1. Organize field trip with experts and encourage volunteers.
2. Raise awareness and encourage discussion with the students.
3. Museum represent a major public social investment by most modern societies.



**Dr. Rafiq Zakaria Campus-I**  
**Maulana Azad College of Arts, Science & Commerce**  
**Academic Year 2021 - 2022**  
**Excursion Tour**

Place— Zoological Museum,

Date- 03 / 09 / 2022

Dept. of Zoology, Dr. BAMU.

Time: 11:00

No. of Participation = 47

Sr. No.	Name of the Students	Class	Contact No.	Sign
1	Rajas Bizajdar	B.Sc 2nd year	7588694576	<i>Rajas</i>
2	Mohd Shadab Khan	B.Sc 2nd year	9140308898	<i>Shadab</i>
3	MD. Hebatullah	B.Sc 2nd year	7255851907	<i>MD Hebatullah</i>
4	Shaikh Parwez Ahmed	B.Sc 3 <sup>rd</sup> yr	9604286186	<i>Parwez</i>
5	Shaikh Yaser	B.Sc 3 <sup>rd</sup> yr	9604056646	<i>Yaser</i>
6	Bazil Khan	B.Sc 3 <sup>rd</sup> yr	9146349690	<i>Bazil</i>
7	Pathan Azhar	B.Sc 3 <sup>rd</sup> yr	9960141506	<i>Azhar</i>
8	Pathan Sohail	B.Sc 3 <sup>rd</sup> yr	8788114122	<i>Sohail</i>
9	Yusuf	B.Sc 3 <sup>rd</sup> yr	9359977252	<i>Yusuf</i>
10	Pinjari Sarfaraj	B.Sc 3 <sup>rd</sup> yr	9423908761	<i>Sarfaraj</i>
11	Arbaz Ali	" "	9307178722	<i>Arbaz</i>
12	Usaid Shaikh	" "		<i>Usaid</i>
13	Aman Shaikh	" "	7218885321	<i>Aman</i>
14				
15				



**Dr. Rafiq Zakaria Campus-I**  
**Maulana Azad College of Arts, Science & Commerce**  
**Academic Year 2022- – 2023**  
**Excursion Tour**

Place— Zoological Museum,

Date- 03 / 09 /2022

Dept. of Zoology, Dr. BAMU.

Time: 11:00

Sr. No.	Name of the Students	Class	Contact No.	Sign
1	Rutuja M. Wathore	B.Sc II yr	8080380922	Rutuja
2	Maseerah Khan	B.Sc II yr	8624021345	M Khan
3	Shaikh AYESHA	B.Sc II yr	9960487554	Ayasha
4	Ansari Ayesha	B.Sc II yr	8766803066	Ayasha
5	Khan Shiza Fatima	B.Sc II yr	9325155554	Shiza
6	Khan Adiya Sanobar	B.Sc II yr	9890203075	Khan Adiya
7	Javeriya Firdous	B.Sc II yr	8788279791	Javeriya
8	Anam firdous	B.Sc II yr	9823790936	Anam
9	Mirza Saniya	B.Sc II yr	7057232339	Saniya
10	Gulam Ibra Anjum	B.Sc 2 <sup>nd</sup> yr	9503858544	Gulam
11	Syeda Gulnara	B.Sc II	9930877602	Gulnara
12	Adamash Anjum	B.Sc II	9763729531	Adamash
13	Aish Maryam	B.Sc II	9890378622	Aish
14	Aiya Kousab	B.Sc II	7559491904	Aiya
15				



Sr. No.	Name of the Students	Class	Contact No.	Sign
16.	Pathan Sadaf Tadvi	T.Y	9021751908	<i>Sadaf</i>
17.	Sayyada Tasneem	"	9021478345	<i>Tasneem</i>
18.	Qureshi Aqsa Fatema	"	8856890656	<i>Qureshi</i>
19.	Pathan Farha Tadvi	B"	9595786777	<i>farha</i>
20	Mehwish Mahammed Nasir	"	7875712421	<i>Mehwish</i>
21	Abba Anjum sk. Saleem	"	8855061141	<i>Abba</i>
22.	Ayesha Firdous Ilyas Ahmed	"	9421308716	<i>Ayesha</i>
23.	Shaikh Mahreen Naaz	"	8956897257	<i>Shaikh</i>
24	Sayyeda Almeera	"	9561877660	<i>Almeera</i>
25	Zeenat Fayyaz Shah	"	9373942873	<i>Zeenat</i>
26	Aliman Fatema Akhil Gowri	"	7057220424	<i>Aliman</i>
27	Datel Sameer Samad.	"	7887868463	<i>Sameer</i>
28	Dipali Bedke	"	9405938985	<i>Dipali</i>
29	Amrat Sharzeen	"	9421306472	<i>Amrat</i>
30	Shabnoor Bujabani	"	7720846699	<i>Shabnoor</i>
31	Saudagar Furwa Mahir	"	7378907144	<i>Mahir</i>
32.	Khan Namra Fatema	"	7447745097	<i>Namra</i>
33-	Nameera Nazish	"	7447743097	<i>Nazish</i>







Date: 01/09/2022

To  
The Principal  
Maulana Azad College  
Aurangabad.

**Subject:** Permission for the Excursion tour as per syllabus of B.Sc. II Year

Respected Sir,

With reference to above cited subject, as per B.Sc. II year curriculum Paper –  
(Vertebrate Zoology), Dept of Zoology is going to conduct Excursion Tour to Zoological  
Museum , Dept. of zoology Dr. B.A.M.U. Aurangabad on 1.9.22. September 2022, Time  
11:00 am.

Kindly permit us for the same.

Thanking you

Yours faithfully

  
Dr. J.D. Shaikh



Permitted  
1/9



# Maulana Azad College of Arts, Science & Commerce Dr. Rafiq Zakaria Campus

Post Box No. 27, Dr. Rafiq Zakaria Marg, Rauza Bagh, Aurangabad-431001 Maharashtra. (India)  
Tel.: 0240-2381102, 2381668 | Web: <http://maca.ac.in> | Fax: 0240-2390422 | Email: [macprincipal@gmail.com](mailto:macprincipal@gmail.com)

**MINORITY INSTITUTE**

NAAC Re Accredited Grade 'A' UGC's Status: "COLLEGE WITH POTENTIAL FOR EXCELLENCE"

Ref. No. MAC: 12 /2022 -2023/ 2073

Date :- 02-09-2022

To,  
**Dr. Martin E.R.**  
Professor & Head,  
Department of Zoology,  
Dr. Babasaheb Ambedkar Marathwada University,  
Aurangabad.

**Subject :- Permission for the Excursion tour.**


Sir,

With reference to the subject mentioned above, as per B.Sc. Zoology Curriculum we are going to conduct Excursion tour to Zoological Museum at Department of Zoology of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad on 3<sup>rd</sup> September 2022 at 11:00 a.m.

Kindly permit us for the same.

Thanking you.

Yours faithfully,

  
(Dr. Mazahar Ahmad Farooqui)  
**PRINCIPAL**  
Maulana Azad College  
AURANGABAD.

Mah  
31/9/2022

**Dr.Rafiq Zakaria Campus**  
**Maulana Azad College of Arts, Science and Commerce,**  
**Aurangabad.**

**Report of activity for submission to IQAC**

Name of the Event / Activity/ speaker : **Geological Excursion to Pitalkhora Caves and Gautala Forest.**

Date:-**21 Jan. 2023** Time:- 8:00 am to 08:00 pm Venue/ online platform :**Pitalkhora Caves and Gautala Forest Visit.**

Number of beneficiaries: **40** Students Type of activity: **Extracurricular Departmental activity.**

**Details of the Programme :** Department of Geology and Department of History planned combine tour to Pitalkhora Caves in Gautala forest area in Kannad Taluka of the District Aurangabad in Maharashtra on 21 January 2-23 morning to evening. The students from Geology and History department come to the study tour and enjoyed the Daultabad Ghat section and its formation , geomorphology , different types of flows of basalt rocks .

**Goals and objectives :** 1. To educate the students about the geology of Daultabad ghat section and Pitalkhora caves in Aurangabad

2. To educate the students about the Geomorphology of Daultabad ghat section.

3. To spread the knowledge about the Different Basaltic flows with their structures and structures.

**Highlights of the programme:** Respective Principal of the College, Dr. Mazahar Ahmad Farooqui sir permitted to organize the tour at Pitalkhora caves and the Gautala Forest area on 21 January. The students of B.Sc I , II, and III year students combine participate in the study tour. M.A.Malik and Muneeb Ur Rahman had participated and guided the tour for the geology and nature study. Students enjoyed the greenery and the landscape with geological, geomorphological, basaltic flows features all day. They took photos with the caves and enjoy the historical monuments. Students enjoyed the Ghat of Daulatabad and Khuldabad road with road side cutting rocks and identified the different flows. Also they enjoyed the Caves, sculptures and the archaeology of the place. It is good for their future planning about the career.

**Relevance and outcome** : The students enjoyed the Historical /geological places and the caves all day with greenery of Forest area. They noted the geological importance and studied the geology , the geomorphology, the textures and structures of Deccan basaltic flow. They took photos with the caves and enjoy the historical monuments. Students enjoyed the Ghat of Daulatabad and Khuldabad road. Also they enjoyed the Caves, sculptures and the archaeology of the place. It is good for their future planning about the career.

Teacher guide M.A.Malik and Muneeb Ur Rahman explained the Geology, Geomorphology and petrology and the development of different basaltic flows.

**Feedback analysis**: All students enjoyed the Cave tour and satisfied about the study tour.

**Clear photographs** -.



View from Caves



Group of Students at Pittalkhora caves



Attach permission letter: **Yes** (attached all permission letters, attendance etc.)

Programme Coordinator : **M.A.Malik (HOD, Geology )**

Organizing team /committee:

**Muneeb Ur Rahman**

**Principal**  
**(Dr. Mazahar Ahmad Farooqui)**

Date: 19/01/2023

To,  
The Principal,  
Maulana Azad College of Arts, Commerce & Science,  
Rauza Bagh,  
Aurangabad.

Subject: Seeking permission for the one day Geological Excursion  
at "Gautala and Pittal Khora on 21<sup>st</sup> January 2023 "

Respected Sir,

We request you that, as per the Geology syllabus of B.Sc. the short and a long geological field Excursion is to carried out for the students, this year our department planned to arrange the short Geological Excursion study tour of one day duration, at "Gautala and Pittal Khora " as on 21<sup>st</sup> January 2023.

I request you to permit us to proceed for Geological Excursion (collection of mineral and rock collection).

Thanking you,

Permitted  
19/1/23



Yours faithfully

A handwritten signature in blue ink, appearing to read "M.A. Malik".

M.A. Malik

Head, Department of Geology

M.A. MALIK  
Assistant Professor in Geology  
Department of Geology  
Maulana Azad College of Arts  
Science & Commerce, Aurangabad.

Date: 13 Jan. 2023

To,  
The Director,  
Department of Forestry,  
Aurangabad Circle,  
Aurangabad


**Subject:** About the fee concession / fee waive out / free entry for the student's educational visit to Pitalkhra caves in *Gavtala reserve forest* students (40-50 students with teaching staff 2)

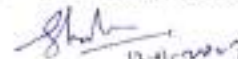
Respected sir,

We are, Dr. Shaikh Musak Rajjak, head, department of History, and Mr. M.A. Malik, Head, Department of Geology, in Maulana Azad College of Arts, Science & Commerce, Aurangabad, have plan to visit Pitalkhora Caves in Gavtala reserve forest for academic purpose in Kannad Taluka of Aurangabad District, for one day in the end of January 2023. So we request to give concession / all fee waive / free entry permission in forest for the team of education tour with bus entry. It will be purely educational excursion (tour) to the caves to see the rocks types, art, history of Mauryan and Satavahana culture, carving of caves, botanical and zoological biodiversity and environmental studies in the reserve forest. We will maintain all disciplines and laws of forest department and Archaeological Survey of India.


Thanking you.

Yours faithfully,

  
Mr. M.A. Malik,  
(Head, Department of Geology)

  
Dr. Shaikh Musak Rajjak  
(Head, Department of History)

Forwarded by:

  
Principal  
(Dr. Mazahar Ahmad Farooqui)

Principal  
Maulana Azad College  
Aurangabad



Date: 13 Jan. 2023

To,  
The Director,  
Department of Archaeology,  
Aurangabad Circle, Aurangabad

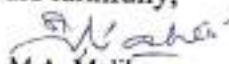
**Subject:** About the fee concession / fee waive out / free entry for the student's educational visit to Pitalkhra caves in *Gavtala reserve forest* students (40-50 students with teaching staff 2)

Respected sir,

We are, Dr. Shaikh Musak Rajjak, head, department of History, and Mr. M.A. Malik, Head, Department of Geology, in Maulana Azad College of Arts, Science & Commerce, Aurangabad, have plan to visit Pitalkhora Caves in Gavtala reserve forest for academic purpose in Kannad Taluka of Aurangabad District, for one day in the end of January 2023. So we request to give concession / all fee waive / free entry permission in forest for the team of education tour with bus entry. It will be purely educational excursion (tour) to the caves to see the rocks types, art, history of Mauryan and Satavahana culture, carving of caves, botanical and zoological biodiversity and environmental studies in the reserve forest. We will maintain all disciplines and laws of forest department and Archaeological Survey of India.

Thanking you.

Yours faithfully,

  
Mr. M.A. Malik,  
(Head, Department of Geology)

  
Dr. Shaikh Musak Rajjak  
(Head, Department of History)

Forwarded by:

  
Principal  
(Dr. Mazahar Ahmad Farooqui)  
Principal  
Maulana Azad College  
Aurangabad



# Maulana Azad College of Arts, Science & Commerce Dr. Rafiq Zakaria Campus

Post Box No. 27, Dr. Rafiq Zakaria Marg, Rauza Bagh, Aurangabad-431001 Maharashtra, (India)  
Tel: 9240-2381192, 2381668 | Web: <http://maac.ac.in> | Fax: 0240-2380422 | Email: maacprincipal@gmail.com

**MINORITY INSTITUTE**

NAAC Re Accredited Grade 'A' UGC's Status: "COLLEGE WITH POTENTIAL FOR EXCELLENCE"

Ref. No. MAC: 12 /20 22 -2023/ 363

दिनांक :- 18-01-2023

प्रति,  
विभागीय वन्यजीव अधिकारी,  
( वन विभाग )  
औरंगाबाद.

विषय :- महाविद्यालयीन विद्यार्थ्यांना अभ्यास सहलीसाठी मोफत प्रवेश देणे बाबत  
( गौताळा अभयारण्य, पितळखोरा लेणी, पाटणा देवी ).

महोदय,  
आमच्या महाविद्यालयातील विद्यार्थीगण अभ्यास सहलीसाठी उपरोक्त ठिकाणी  
दरवर्षी जातात. भूगर्भशास्त्र, इतिहास, वनस्पतीशास्त्र आणि प्राणीशास्त्र अभ्यासासाठी हि  
सहल आवश्यक आहे. तरी तेथील प्रवेशिका-शुल्क माफ करून विद्यार्थ्यांना प्रवेश देण्यात  
यावा, हि विनंती. सदरील सहलीत मार्गदर्शनासाठी शिक्षकवृंद प्राध्यापक एम. ए. मलिक  
(9850660598), डॉ. शेख मुसाक रज्जाक (9860068985) येत आहेत.

आपला विश्वासू,

( डॉ. मजहर अहमद फारुकी )

Principal  
Maulana Azad College  
Aurangabad

Husna Tabeen	318	<u>Ruones</u>
Saba Khan	316	<del>SK</del>
Huda Siddique	333	<del>HI</del>
Tazeen Firdous	308	<u>Tazeen</u>
Kida Fatima	320	<del>R</del> 211
Shaikh Suma	323	<u>Suma</u>
Shaikh Shahana	314	<u>Shahana</u>
Rumaisa Fatema	313	<u>Rumaisa</u>
Mehrin Anam Shaikh	331	<u>Mehrin</u>
SK Fauja Ibtihal	302	<u>SK</u>
Masroor Tazmeen	311	<u>Masroor</u>
Shital Bagul	303	<u>Shital</u>
Shaikh Rohana Azeef	311	<u>Rohana</u>
Sayyeda Roma Rizvi	309	<u>Sayyeda</u>
Fareeha Khan	301	<u>Fareeha</u>
Adil Shaikh	331	<u>Adil</u>
Shaikh Nadeem	317	<u>Shaikh</u>
Nabeel Nazir Bin Mubarak	305	<u>Nabeel</u>
Muqab Shaikh Manik	308	<u>Muqab</u>
Sayyed Awaiz	303	<u>Sayyed</u>
Rustabh Kamble	324	<u>Rustabh</u>
Ahemad Jilani	336	<u>Ahemad</u>
MOHAMMAD KATID	305	<u>Katid</u>
SK ARBAZ AJAZ	319	<u>Arbaz</u>
SK AHMED ULLAH	304	<u>Ahmed</u>

Sr No.	Name	Roll No.	Signature
1)	Syeda Rameesha	541	<u>Rameesha</u>
2)	Shaikh Adiba Gargal	522	<u>Adiba</u>
3)	Shaikh Saadina Noor	513	<u>Sa</u>
4)	Shaikh Afsheen	538	<u>Afsheen</u>
5)	Shaikh Anam Sahel	549	<u>Anam</u>
6)	Rube Khan	105	<u>Rube Khan</u>
7)	Fawiha Tabassum	408	<u>Fawiha</u>
8)	Nusrat Jameel Khan	421	<u>Nusrat</u>
9)	Tahzeeb Fatema	403	<u>Tahzeeb</u>
10)	Ahmed Muhammad	502	<u>Ahmed</u>
11)	Shaikh School	401	<u>School</u>

# Dept of Hindi

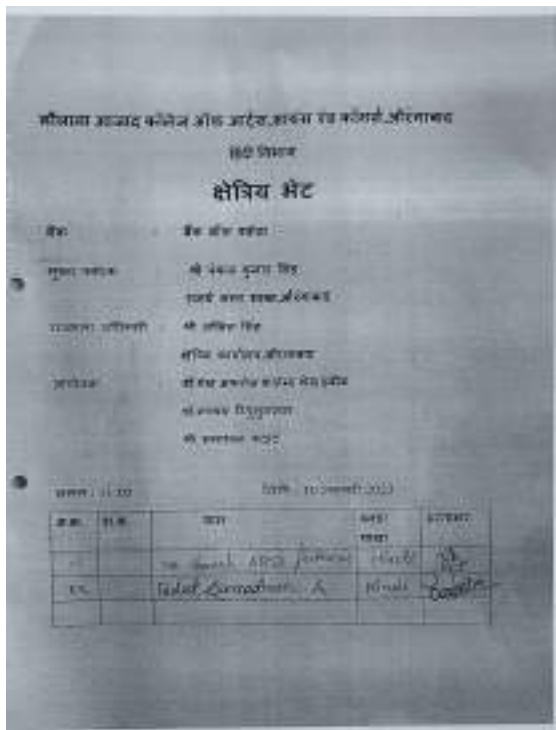
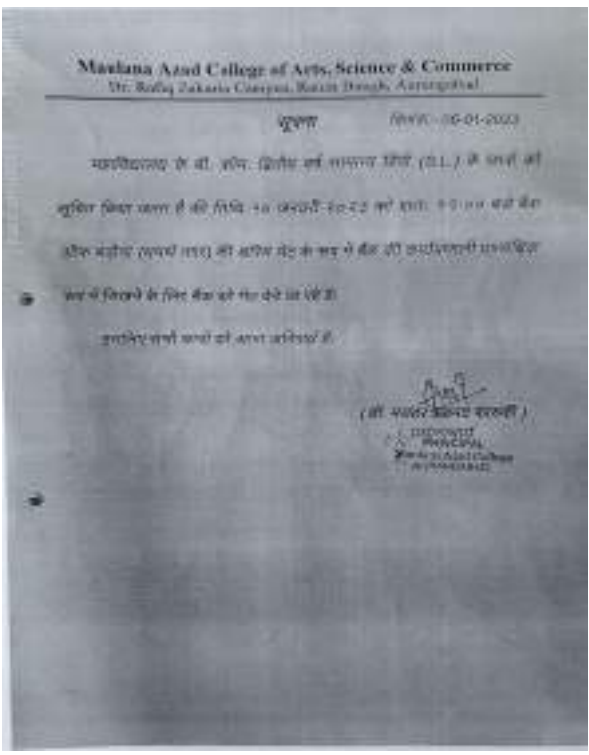
Academic Year 2022-23

1. Experiential Learning. (e.g., Project, industrial visit, Heritage walks etc.)

Sr. No.	Name of the activity	Number of participants	Date
01	Kshetriy Bhet (Bank of Baroda)	24	10/01/23



Kshetriy Bhet (Bank of barodaAurangabad)



क्र. सं.	क्र. सं.	नाम	पता	संख्या
1	10	Subhash Chandra	...	...
2	20	...	...	...
3	30	...	...	...
4	40	...	...	...
5	50	...	...	...
6	60	...	...	...
7	70	...	...	...
8	80	...	...	...
9	90	...	...	...
10	100	...	...	...
11	110	...	...	...
12	120	...	...	...
13	130	...	...	...
14	140	...	...	...
15	150	...	...	...
16	160	...	...	...
17	170	...	...	...
18	180	...	...	...
19	190	...	...	...
20	200	...	...	...



## 2.Participative Learning.( e.g.,Group Discussion,Seminar,Workshop,Presentation)

Sr.No.	Name of the activity	Number of participants	Date
01	Seminar	20	20/12/22





### 3.Problem Solving Methods.

Sr.No.	Name of the activity	Number of participants	Date
	---- Nil ----	---- Nil ----	---- Nil ----

Maulana Azad College of Arts, Science and Commerce,  
Dr. Rafiq Zakaria Campus-1  
Aurangabad.


EXPERIENTIAL LEARNING DETAILS

Department Of Microbiology

Academic Year 2022-2023

Sr. No	Class	No. of Experiments	Practical papers	No. of Students
1	B.Sc I year	31	Paper 121 & 221(CBCS)	46
2	B.Sc II year	48	Paper IX & XIII Paper X & XIV	35
3	B.Sc III year	43	Paper XVII & XXI Paper XVIII & XXII	38

  
Dr. Aditi Ghattacharya,  
Prof & HOD Microbiology)



# Maulana Azad College of Arts, Science & Commerce

Dr. Rafiq Zakaria Campus, Rauza Baugh, Aurangabad.

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Department	Microbiology	Academic Year	22-23
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**2.3.1 Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences.**

1. Experiential Learning. (e.g., Project, industrial visit, Field visit, Heritage walks etc.)

S.N.	Name of the activity	Number of participants	Date
1	Virtual visit to ABH Pharma/ mRNA production unit/ Vaccine manufacturing unit of BIVI	31	8.3.23 10.3.23
2	How Surat's sewage treatment plant works	35	13.3.23
3	Intensive training on pathological, biochemical and microbiological testing of clinical samples	06	15.3.23 to 21.3.23

2. Participative Learning. (e.g., Group discussion, Seminar, workshop, Presentation)

S.N.	Name of the activity	Number of participants	Date
1	"International Microorganisms day- Malignant TB"	26	17.9.22
2	Research work of Louis Pasteur	26	28.12.22
3	Good microbes in everyday life	21	06.03.23
4	Lumpy skin disease	13	23.9.22
5	National Science day- Global science for global well being	24	28.2.23
6	World AIDS Day	11	1.12.23
7	Participative learning – TCA cycle	11	16.9.22

3. Problem Solving Methods ( nil )

S.N.	Name of the activity	Number of participants	Date
1			
2			
3			

Dr. Aditi Bhattacharya

Head of the Dept.

Participants lists :

Maulana Azad College of Arts, Science & Commerce,

Dr. Rafiq Zakaria Campus-4, Rauza Bugh, Aurangabad.

B.Sc III Year

Department of Microbiology

2022-23

Sr.no	Roll no.	Name of the students	International Microbes Day- (Malignant TB) 17/09/2022	Lois Pasteur- research Work 28/10/2022	Good - Microbes- every day Life 04/03/23	National Science day- 26/12/23	Others dunphy etc. disease 23/01/23
1	201	Biyabani Shabnoor Fatima Irfan Ahmed Biyabani					-
2	202	Khan Namra Fatema Asif Khan				-	-
3	203	Amrah Shazeen Mohd Irfanuddin					
4	204	Nameera Nuzish Khan Asif Khan		-	-		
5	205	Saniya Kamser Mushtaq Khan	-	-	-	-	-
6	206	Khan Mahejabeen Fatema Younis					
7	207	Shaikh Mohammed Yousif Younis					
8	208	Khan Ramsha Noorain Firasat Nawaz					-
9	209	Khan Ayesha Fatima Naveed Ilahi					
10	210	Syeda Areeba Fatma Syed Gha'Yasuddin					
11	211	Sangam Asfin Nasiruddin					
12	212	Shaikh Azka Areeba Mohammad Ashfaq					
13	213	Shaikh Aqsa Fatema Mohd Saleemuddin					
14	214	Pinjari Sarfaraj Sahir					
15	215	Shaikh Rafana Shaikh Jalaluddin					



Sr.no	Roll no.	Name of the students	International Microbes Day- (Malignant TB)	Louis Pasteur-research Work	Good - Microbes every day	National Science day - 2021	Others
16	216	Shaikh Rabiya Shaikh Sobel Ahmed	<i>[Signature]</i>	<i>[Signature]</i>	—	—	—
17	217	Fatema Sarfraz Hussain	<i>[Signature]</i>	<i>[Signature]</i>	—	—	—
18	218	Akhal Shabbir Khan	—	—	—	—	—
19	219	Thangal Kunchalikkath Anam Shaikh	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	—
20	220	Anam Ulfat Mohd Shafi	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	—
21	221	Shaikh Alfiya Areeb Shaikh Usman	<i>[Signature]</i>	<i>[Signature]</i>	—	<i>[Signature]</i>	<i>[Signature]</i>
22	222	Amal Amodi Saeed Amodi	<i>[Signature]</i>	<i>[Signature]</i>	—	<i>[Signature]</i>	—
23	223	Khan Anqua Sayeed	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	—
24	224	Tabura Fatema Nisar Mohiuddin Inamdar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	—
25	225	Sayed Namra Gouhr Sayed Rauf	—	—	—	—	—
26	226	Aayesha Firdos Khanam Gulam Ghaus Khan	—	—	—	—	—
27	227	Sayyed Shifa Nasir Mujeeb	—	—	—	—	—
28	228	Patel Sauffin Nadeem	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	—
29	229	Saudagar Joveria Mahin Mohammed Mohsin	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
30	230	Khan Sadiya Khanam Arshad Ali	—	—	—	—	—
31	231	Shaikh Umme Amman Rais Ahmed	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	—
32	232	Jadhav Vaishnavi Balasheb	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
33	233	Arbaz Ali Khan Altaf Ali Khan	—	—	—	—	—
34	234	Shaik Arbaz Shaikh Kaleem	—	—	—	—	—



Sr.no	Roll no.	Name of the students	International Microbes Day- (Malignant TB)	Louis Pasteur-research Work	Good - Microbes every day	National Science day -	Others
35	235	Muhammad Zameer Shabbir	-	-	-	-	-
36	236	Khan Maimuna Yunus	-	-	-	-	-
37	237	Qureshi Taiba Mohammed Zakaria	-	-	-	-	-
38	238	Farooqui Shiza Falak Tauquir Ahmad	Suf	Suf	Suf	Suf	-
39	239	Syeda Nida Nisar	-	-	-	-	-
40	240	Kazi Ruana Javed Ahmed	-	-	-	-	-

(26)

(26)

(21)

(24)

(13)



17.09.22

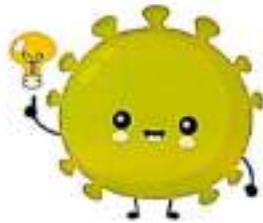
## International Microorganisms day- Malignant T.B

### CELEBRATING MICROBES EVERYDAY

### INTERNATIONAL MICRO ORGANISM DAY celebrated on 17 September.

Microbes have made our lives very easy for each and every activity that we do in our daily lives.

From preparing yoghurt from milk and many more food items that we use in our daily lives to the processes such as digestion absorption and assimilation are carried through microbes.



Many microorganisms carry out the decomposition of dead remains of plants and animals. Spirulina and yeast are used as single-cell proteins (superfood). Yeast is used on a commercial basis for the production of alcohol through fermentation. Microorganisms carry out the processing and aging of cheese.

We should thank these organisms for holding the ecosystem in balance, for being industrial champions and degradation masters.

BY: -SHABNOOR FATEMA BIYABANI

BSC 3<sup>rd</sup> year

Roll no: - 201

# MALIGNANT T.B

\* Tuberculosis and malignancy represent global threats claiming million of lives and inflicting formidable suffering world wide.

## THREE TYPES OF ASSOCIATION BETWEEN MALIGNANCY AND TB:

- 1] The development of cancer on the background of a previous tuberculosis infection.
- 2] The concurrent existence of TB and malignancy is the same patients or clinical specimen
- 3] The diagnostic challenges arising from the multifaceted presentation of these two disorders
- 4] The risk for TB in patients with malignancy is due to immunosuppression from the cancer itself or from chemotherapy and local structural changes in lungs by primary lung cancer or metastasis 9, 10. The incidence of TB has been therefore reportedly increase in patient with cancer, in both pulmonary and non-pulmonary cancer.
- 5] The risk of TB reactivation reasonably increase in people with cancer, and therefore, screening for active and latent in this group.

Class: BSc TDr Name: SK. Aqsa  
[2022-23] Roll No: 213



# Tuberculosis



person may experience chronic cough with blood-containing mucus



Infected lungs

Mycobacterium tuberculosis

Amal  
Amadi  
Saeed  
Saeed  
Saeed  
BSc City  
222  
222

The germ  
② reach your  
lungs from  
there they  
can go to  
other parts of  
your body.

1 TB is spread when a person with active TB coughs or sneezes. You breathe the air contaminated with TB germ.



2 Your body fights the TB germ.



3 Usually the germ goes to sleep in your body. This is called TB infection.

4 If you have TB infection, you don't feel sick and you can't give TB to other people.



**STOP TB**

5 You need to take your medicine to help you get better and prevent spreading the TB germ to others.



6 You can take medicine to keep you from getting active TB.



6 If you don't take medicine, TB germ wakes up and attacks your lungs. This is called TB disease. \* You feel weak and lose weight. \* You have active TB germ in your body.

# TUBERCULOSIS



## SYMPTOMS



loss of appetite



cough



chest pain



heat



weakness



hemoptysis



weight loss



increased sweating

## PREVENTIVE MEASURES



vaccination



healthy diet



vitamins



fluorography



exclude contact with sick people



to give up smoking

Amal Shree

Roll No: 203

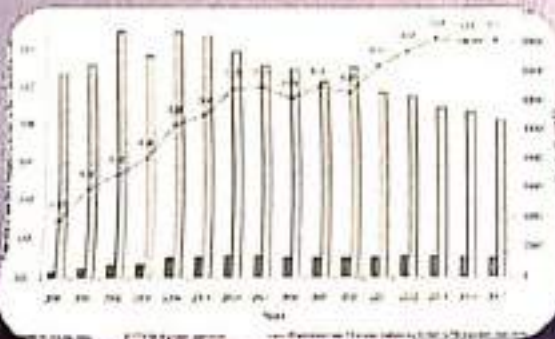
# Malignant TB

Tuberculosis (TB) and malignancy represent global threats claiming millions of lives and inflicting formidable suffering worldwide.

→ Three different types of association between malignancy and TB:

- (i) the development of cancer on the background of a previous tuberculous infection.
- (ii) the concurrent existence of TB and malignancy in the same patients or clinical specimens .
- (iii) the diagnostic challenges arising from the multi-faceted presentations of these two disorders.

The risk for TB in patients with malignancy is due to immunosuppression from the cancer itself or from the chemotherapy and local structural changes in the lungs by primary lung cancer or metastasis<sup>9,10</sup>. The incidence of TB has been reported increasing in patients with cancer, in both pulmonary and non-pulmonary cancers. The risk of TB reactivation reasonably increases in people with cancer, and therefore, screening for active and latent TB in this group. However, the number of cases of incident TB from previous reports is small, and it is unclear what the proportion is for TB infection in cancer patients divided by the overall number of TB patients, which is declining under the current strategy to eliminate TB worldwide. If this proportion increases, the importance of TB in cancer needs to be emphasized more in the strategy to eliminate TB. In addition, the other perspectives of TB-related burdens, including mortality and recurrence,



By: Namrata Narish

# LOUIS PASTEUR

## Contributions:

- pasteurisation of food
- law of biogenesis
- germ theory of disease
- develop vaccine for rabies, diphtheria
- opposed drwanism



HE IS THE GREAT  
BIOLOGIST OF ALL  
TIME

Louis Pasteur (French: 27 December 1822 - 28 September 1895) was a French chemist and microbiologist renowned for his discoveries of the principles of vaccination, microbial fermentation, and pasteurization, the last of which was named after him. His research in chemistry led to remarkable breakthroughs in the understanding of the causes and preventions of diseases, which laid down the foundations of hygiene, public health and much of modern medicine. His works are credited with saving millions of lives through the developments of vaccines for rabies and anthrax. He is regarded as one of the founders of modern bacteriology and has been honored as the "father of bacteriology" and the "father of microbiology" (together with Robert Koch; the latter epithet also attributed to Antonie van Leeuwenhoek)

Louis Pasteur died on Sept. 28, 1895. His last words were, "One must work; one must work. I have done what I could."

28.12.23 Life and research work of Sir Louis Pasteur

# LOUIS PASTEUR [1822-1895]

"Greatest biologist of all time"

Louis Pasteur was a french chemist & microbiologist considered the most imp founders of Microbiology. He coined the term "microbiology" for the study of organisms of microscopic size. For his unnumerable contributions in the field, he's also known as Father of Microbiology.



He is renowned for his discoveries of the principles of vaccination, microbial fermentation & pasteurisation.

He is remembered for his remarkable breakthroughs in the causes & prevention of diseases. Louis Pasteur is regarded as one of the three main founders of bacteriology, together with Ferdinand Cohn & Robert Koch.

## Major Contributions of Louis Pasteur:

He disproved the theory of spontaneous generation of disease and patented the germ theory of disease. He stated that disease cannot be caused by bad air or vapour but it is produced by the microorganisms present in air.

He proposed the principles of sterilisation for preservation of food.

Introduced the sterilisation techniques and developed steam sterilizer, hot air oven and autoclave. He described the method of pasteurisation of milk & wine.

Louis Pasteur also contributed for the vaccine development against several diseases such as anthrax, fowl cholera & rabies.

Liquid media Concept: He used nutrient broth to grow microorganisms.

Beside in microbiology, Pasteur made significant discoveries in Chemistry, most notably on the molecular basis for the asymmetry of certain crystals and racemization. Early in his career his investigation of tartaric acid resulted in the first resolution of what is now called optical isomers. He also developed fundamental structures of organic compounds.

-Shabnoor Fatema  
Giyabani  
BSc 3<sup>rd</sup> year 2021



# From Louis to Pasteur

Louis Pasteur was one of the first scientists to discover the role of microorganisms in disease and how sickness could be prevented by vaccines



## Louis Pasteur

**His childhood**  
- Born in 1822  
- Studied in chemistry  
- Became a chemist  
- In 1847 he became a professor  
- He was a brilliant scientist  
- He was a chemist  
- He was a chemist

**His work**  
- He discovered that germs  
- He discovered that germs  
- He discovered that germs  
- He discovered that germs  
- He discovered that germs  
- He discovered that germs



**His work**  
- He discovered that germs  
- He discovered that germs  
- He discovered that germs  
- He discovered that germs  
- He discovered that germs  
- He discovered that germs

**His work**  
- He discovered that germs  
- He discovered that germs  
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- He discovered that germs  
- He discovered that germs  
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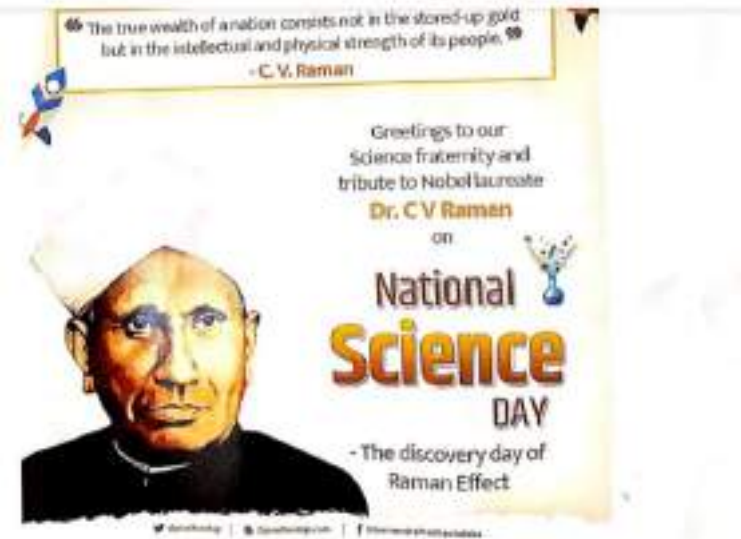
## LOUIS PASTEUR'S (1822 - 1895) CONTRIBUTION TO MICROBIOLOGY

**Chemistry, microbiology**  
- He discovered that germs  
- He discovered that germs  
- He discovered that germs  
- He discovered that germs  
- He discovered that germs  
- He discovered that germs

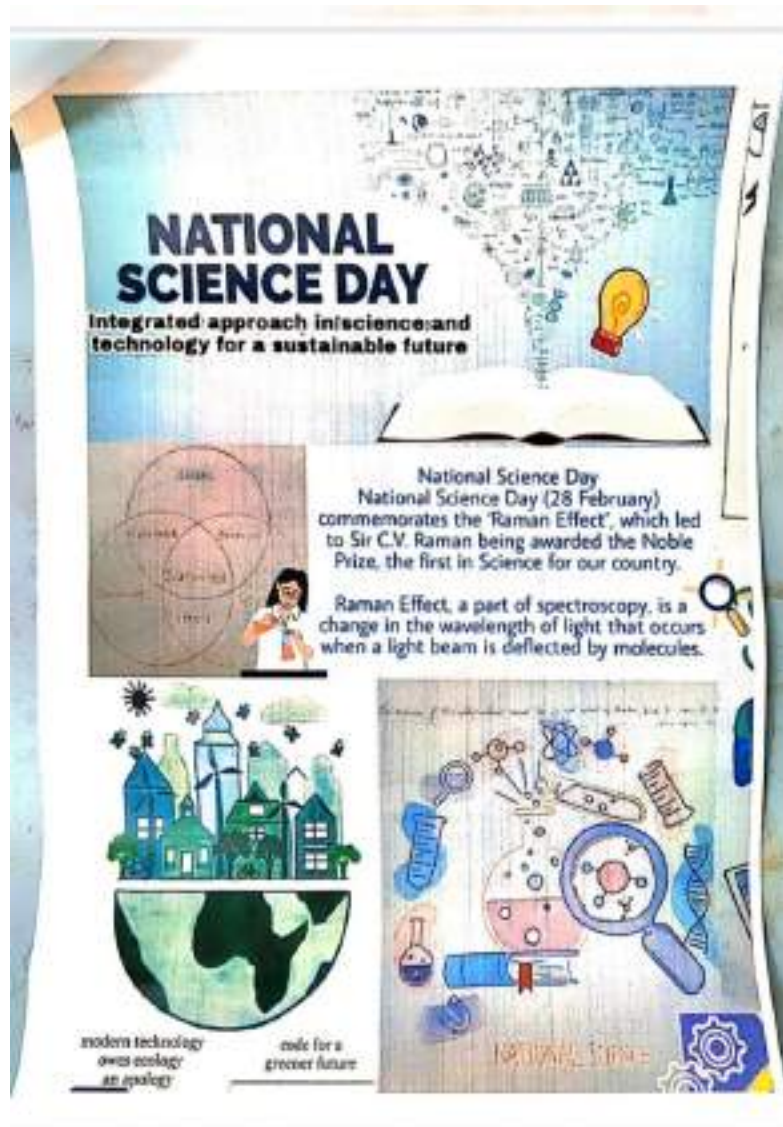




# National Science day : Global science for global wellbeing



*National Science Day* Ghazal Arshad Sayeed  
ROLL NO - 223





# NATIONAL SCIENCE DAY, 2023

Global Science for Global Wellbeing.

## MODERNA COVID-19 VACCINE.

Moderna, Inc is an American pharmaceutical & biotechnology company based in Cambridge, Massachusetts.

It focuses on vaccine technology based on messenger RNA.

Moderna's vaccine platform injects synthetic nucleoside-modified messenger RNA (mRNA) into human cells using quality of lipid nanoparticles.

This mRNA then reprograms the cell for immune response.

Moderna develops mRNA recombinant vaccines that are delivered in lipid nanoparticles, conjugated with pseudovirion nucleocapsids.

- Moderna is a Massachusetts-based vaccine developer, partnered with the National Institute of Health to develop and test a coronavirus vaccine known as mRNA-1273.
- Clinical trial demonstrated that vaccine has efficacy of 90% more than 90%, in preventing covid 19.
- The SARS-CoV-2 virus is studded with proteins that it uses to enter human cells.
- These so-called spike proteins make a tempting target for potential vaccines & treatments.
- Like the Pfizer-BioNTech vaccine, Moderna vaccine is based on the virus genetic instructions for building the spike protein.

### First international vaccine in India

Cipla Ltd had applied to the country's drug regulator on behalf of Moderna

#### ABOUT THE MODERNA VACCINE

94.1%

Efficiency among adults based on clinical trials

#### Administration

Two doses, 28 days apart

#### THE mRNA ADVANTAGE

Messenger RNA vaccines, also called mRNA vaccines, are a new vaccine technology that instructs each human cell how to make a protein, so your cell is like a factory of the virus, triggering an immune response inside your body.

#### How many doses headed to India?

So far, 11 lakh doses have been ordered and will be imported, and others, Moderna is donating an unspecified number of doses to India through the WHO and Gavi COVAX mechanism.

#### The indemnity question

Like other international vaccine makers, Moderna has also been sought for the Moderna vaccine by Gavi, if it is chosen. The government is yet to take a call on indemnity for any of them.

No manufacturing... for now  
At the moment, no manufacturing has started in India. In case of April 2023, senior health officials said they hope that in the future, Moderna will produce the vaccine in Indian land.



### Moderna's COVID-19 vaccine: What are the facts

Moderna is an American biotechnology company that has created a vaccine for COVID-19.

The vaccine will be given in 2 doses, 4 weeks apart, and is 94% effective after two doses.

Moderna's COVID-19 vaccine is authorized for use in people 18 years and older.

Name: Vaishnavi Sadhan  
Roll No: 232

# Lumpy skin disease (LSD)



► Lumpy skin disease is caused by the lumpy skin disease virus (LSDV), belongs to the genus capripoxvirus, a part of the poxviridae family (same family as of smallpox and monkeypox virus). It shares antigenic similarities with the sheepox virus & the goatpox virus.

► It is a contagious vector-borne disease spread by vectors like mosquitoes, some biting flies, and ticks and usually affects host animals like cows and buffaloes.

► LSD affects the lymph nodes of infected animal, causing the nodes to enlarge & appear like lumps on the skin, size of about 2-3 cm in diameter, appear on the infected cattle's head, neck, limbs, udder, genitalia, and perineum. The nodules may turn into ulcers. The other symptoms include high fever, sharp drop in milk yield, discharge from the eyes and nose, salivation, loss of appetite, depression, damaged hides, emaciation (thinness or weakness) of animals, infertility and abortions.



## Prevention :

► the movement of animals to and from the infected area.

Preventive vaccination should also be taken in high risk areas like border area of affected district and state and animals should be identified and documented.

\*Cattle and buffaloes should be vaccinated with the available Goat pox vaccine.

with 102.5 TCID50 of GTPV vaccine (Uttarakshi strain). However, the dose of 102.5 TCID50 (same dose of vaccine for goat against goat pox) can be used for prophylactic vaccination, ring vaccination in cattle and buffalo. However, affected animals should not be vaccinated.



► It is safe to consume milk from cattle infected by Lumpy Skin Disease, as it is a non-zoonotic disease.

► LSD has killed 127 cattle in Maharashtra. The virus has infected over 16 lakh cattle in 197 districts as of September 11 killing nearly 73,000 cattle.

By - Namora nazishk

## Lumpy Disease

Lumpy skin disease is a viral disease that affects cattle.

### Major Symptoms:

- Fever
- Marked reduction in milk production
- Enlarged superficial lymph nodes, oedema
- Bontaneous nodules also seen all over the body within 48 hours of onset of fever.
- Pregnant cows may abort and may not come into heat for several months.



### Prevention & Treatment

- Ensure proper tick and biting arthropod control.
- Good farm vaccine may used for prophylaxis.
- Traditional and Ayurvedic Veterinary Medicine (AVM) can be used effectively to manage the disease.

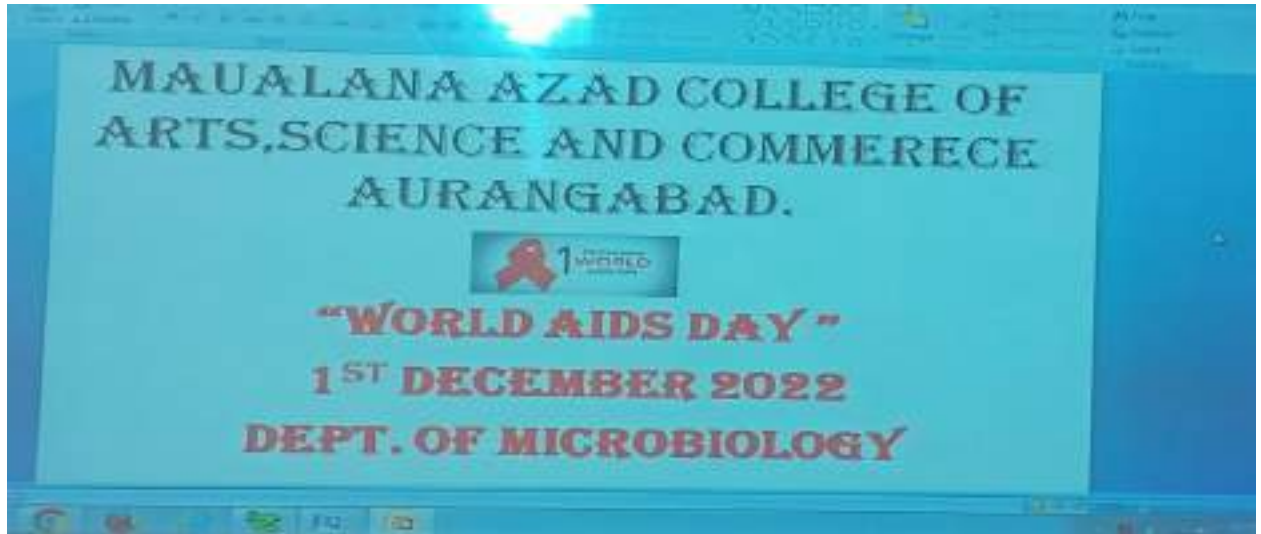


Anuraj Shazlee

Roll No: 203

Lumpy skin disease9

# National AIDS Day: 1.12.22



Dr. Rafiq Zakaria Campus  
Maulana Azad College of Arts, Science and Commerce,  
Aurangabad.

Department of Microbiology

Title of the activity: "WORLD AIDS DAY" - 1<sup>st</sup> December 2022

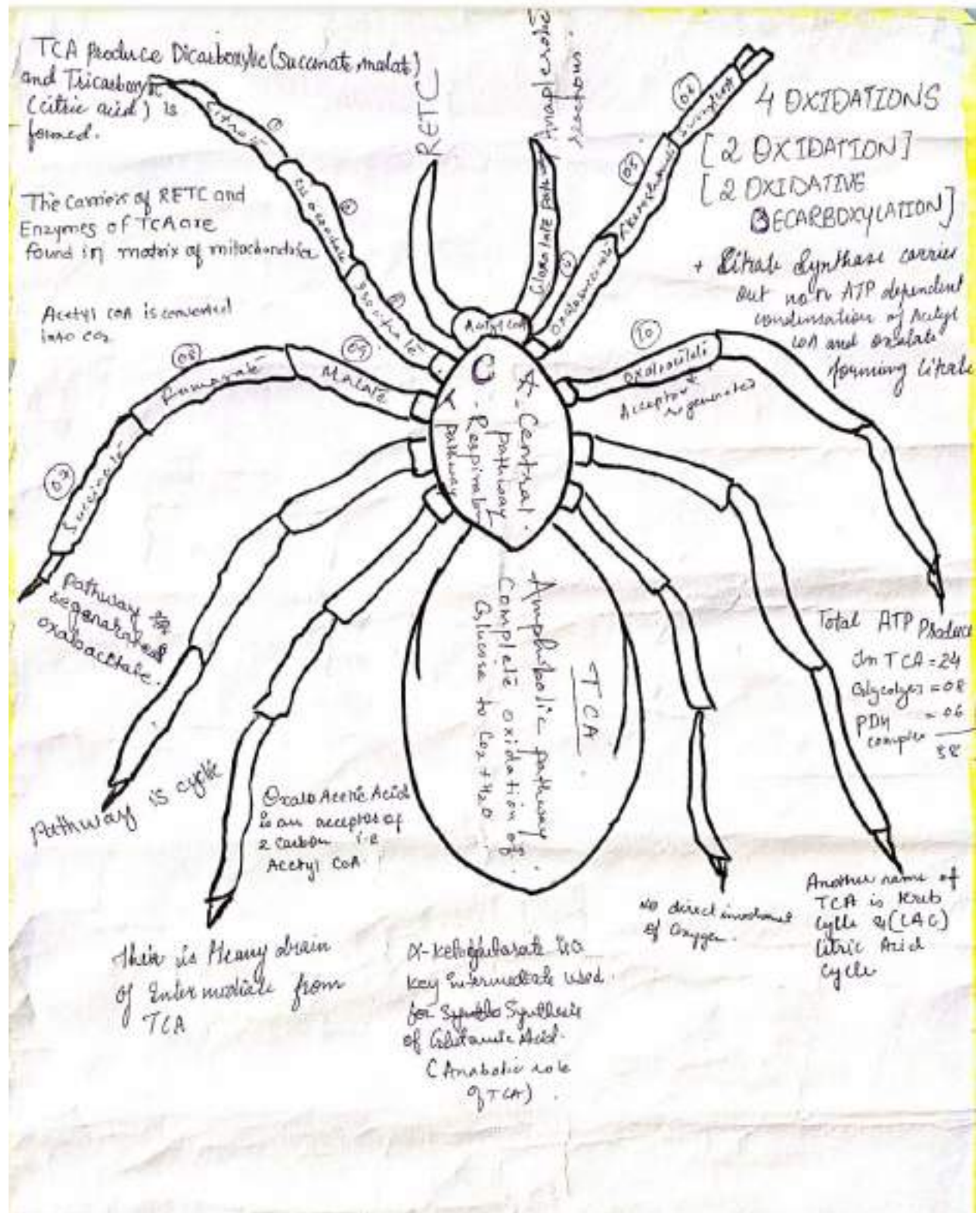
Sr.No	Name of the Students	Signature
1	Amara Tanjibe Naidu	Ai
2	Amara Simen	Amara
3	Misbah Saigal	MS
4	Mehwish Fudus md alasm	Mehwish
5	Zoha Noor	Zoha
6	Shaikh Abu Saifan	Shaikh
7	Zorheer Baglan	Zorheer
8	Deshmukh musaib	Deshmukh
9	Danijal Khan	Danijal
10	Daba ismail-shaikh	Daba
11	Misbah parveen SK	Misbah
12		
13		
14		

Models - 2, charts - 4.

Briefing on HIV AIDS given by Dr. Madhuri Laksharabute  
diagnosis - P24 protein, Antigen - Antibody, ELISA,  
western blotting, NAT's explained by Dr. Anil Bhattachary

(Dr. Anil Bhattachary  
Class, Microbiology)

# Participative learning – "TCA cycle"



Maulana Azad College of Arts, Science & Commerce,

Dr. Rafiq Zakaria Campus-I, Raaza Haugh, Aurangabad.

B.Sc III Year

Date: - 16/09/22  
Participative Learning :- TCA cycle.

Sr.no	Roll no.	Name of the students	Sign
1	201	Biyabani Shabnoor Fatema Irfan Ahmed Biyabani	
2	202	Khan Namra Fatema Asif Khan	
3	203	Amrah Shuzeen Mohd Irfanuddin	
4	204	Nameera Nazish Khan Asif Khan	
5	205	Saniya Kauser Mushtaq Khan	
6	206	Khan Mahejabeen Fatema Younus	
7	207	Shaikh Mohammed Yousuf Younus	
8	208	Khan Ramsha Noorain Firasat Nawaz	
9	209	Khan Ayesha Fatima Navced Ilahi	
10	210	Syeda Areeba Fatma Syed Gha Yasuddin	
11	211	Sangam Asfia Nasiruddin	
12	212	Shaikh Azka Areeba Mohammad Ashfaq	
13	213	Shaikh Aqsa Fatema Mohd Saleemuddin	
14	214	Pinjari Sarfaraj Sabir	
15	215	Shaikh Rafana Shaikh Jalaluddin	
16	216	Shaikh Rabiya Shaikh Sohail Ahmed	
17	217	Fatema Sarfaraj Hussain	
18	218	Akhil Shabbir Khan	

Sr.no	Roll no.	Name of the students	Sign
19	219	Thingal Kunchalikanath Anam Shaikh	
20	220	Anam Ulfat Mohd Shafi	
21	221	Shaikh Alfiya Areeb Shaikh Usman	<i>Alfiya</i>
22	222	Amal Amodi Saeed Amodi	<i>Saeed</i>
23	223	Khan Anqua Sayeed	
24	224	Tahura Fatema Nisar Mohiuddin Inamdar	
25	225	Sayed Namra Gouhr Sayed Rauf	<i>Namra</i>
26	226	Aayesha Firdos Khanam Gulam Ghaus Khan	
27	227	Sayyed Shifa Naaz Mujeeb	
28	228	Patel Suuffin Nadeem	
29	229	Saudagar Juveria Mahin Mohammed Mohsin	<i>Mohsin</i>
30	230	Khan Sadiya Khanam Arshad Ali	
31	231	Shaikh Umme Ammara Rais Ahmed	
32	232	Jadhav Vaishnavi Balasahch	
33	233	Arbaz Ali Khan Altaf Ali Khan	
34	234	Shaik Arbaz Shaikh Kaleem	



*Bhadracharya D.*



# EXPERIENTIAL LEARNING :

## STUDY TOURS :



Dr. Aditi Bhattacharya

8 Mar

### 8.3.23: ABH PHARMA VIRTUAL STUDY

TOUR: Prepare a detailed tour report.

Introduction

Product profile

Inventory

Different units visited.

Plant machinery

Sterilization

Instruments used.

QA, QC Operations

Sterility checks

GMP- Good manufacturing procedures.

Assay, Quality checks.

Marketing of finished product.

Add a few coloured pics

#### Attachments



Welcome to ABH Pharma: Video Tour



Dr. Aditi Bhattacharya

10 Mar (Edited 10 Mar)

10.3.23: Virtual study tour 22-23 : Vaccine production / large scale mRNA production. Go through both the links and prepare a tour report.

Instructions: There are 3 virtual tour videos posted on classroom, you can write on any one of these visits.

Tour reports from the below mentioned students will be kept in dept records, so write neatly.

Aqsa: Vaccine production

Vaishnavi: mRNA production

Raffana: ABH pharma

#### Attachments



Vaccine production process at BIVI



Large-Scale Production of Plas...

**Maulana Azad College of Arts, Science & Commerce,**

Dr. Rafiq Zakaria Campus-I, Rauza Baugh, Aurangabad.

**B.Sc III Year**

**Department of Microbiology**

**VIRTUAL STUDY TOUR TO ABH PHARMA/VACCINE PRODUCTION OF BIVL/MRNA  
PRODUCTION**

**2022-23**

Sr.no	Roll no.	Name of the students	Submitted
1	201	Biyabani Shabnoor Fatema Irfan Ahmed Biyabani	✓
2	202	Khan Namra Fatema Asif Khan	✓
3	203	Amrah Shazeen Mohd Irfanuddin	✓
4	204	Nameera Nazish Khan Asif Khan	✓
5	205	Saniya Kauser Mushtaq Khan	
6	206	Khan Mahejabeen Fatema Younus	✓
7	207	Shaikh Mohammed Yousuf Younus	✓
8	208	Khan Ramsha Noorain Firasat Nawaz	✓
9	209	Khan Ayesha Fatima Naveed Ilahi	✓
10	210	Syeda Areeba Fatma Syed GhaYasuddin	
11	211	Sangam Asfia Nasiruddin	✓
12	212	Shaikh Azka Areeba Mohammad Ashfaq	✓
13	213	Shaikh Aqsa Fatema Mohd Saleemuddin	✓
14	214	Pinjari Sarfaraj Sabir	✓
15	215	Shaikh Rafana Shaikh Jalaluddin	✓
16	216	Shaikh Rabiya Shaikh Sobel Ahmed	✓
17	217	Fatema Sarfaraj Hussain	✓
18	218	Akhil Shabbir Khan	
19	219	Thangal Kunchalikanath Anam Shaikh	



## Experiential learning : B.Sc II YR



5:30 36% 4:26

You  
Yesterday, 4:17 pm  
Instructions Student work

Due Mar 13, 11:59 PM

### Virtual Study Tour on "How Surat's Sewage Treatment Plant Works"

10 points

Dear students go through the link, and write a detailed report on the the topic mentioned above, also include coloured photos from different stages and submit to the department on 13 th of March 2023 at 11:00am and also handin the scanned copy here within stipulated time.

Attachments



How Surat's sewage treatment plant wor...

Class comments

Add class comment

||| ◻ <

**Maulana Azad College of Arts, Science & Commerce,**

Dr. Rafiq Zakaria Campus I, Raura Bangh, Anantnagar

**Department of Microbiology**

**B. Sc II Year**

**Virtual Study Tour - 2022-23**

**TOPIC: - "HOW SURAT'S SEWAGE TREATMENT PLANT WORKS"**

**Total Students: - 35**

**Date: 13.03.2023**

**Name of the Faculty: Ms. Mahejabin N.A. Sayyad.**

Sr. No	Roll No	Name of the students	Submitted
1	201	Syeda Javeria Farheen Syed Abdul Quadir	Done
3	203	Hushra Faiziyat Shaikh Qaiser	Done
4	204	Birajdar Rajas Girjendra	Done
5	205	Wathwe Rutuja Madhkar	Done
6	206	Aliya Kousar Mohammad Anees	Done
7	207	Shaikh/Asad Shaikh Rustum	Done
8	208	Khanam Mascera Faral	Done
9	209	Khan Umme bani Mohammad Nasir	Done
10	210	Sayeda Aamena Qadri Syed Jawad Qadri	Done
11	212	Mariyam Fatema Mohd Feroz Ahmed	Done
12	213	Ansari Absum Sadaf Abdul Wakil Ansari	Done
13	214	Syed Uzma Qasim	Done
14	215	Ansari Ayesha Abur Ahmed	Done
15	216	Mirza Samiya Sajid Haig	Done
16	217	Razzaqui Syeda Ayesha Tanzeela	Done
17	218	Kaif Khan Asir Ahmed Khan	Done
18	219	Shaikh Ayesha Sultana Shaikh Waheed Ahmed	Done
19	220	Munazza Fatima Abdul Qayyum Ansari	Done
20	221	Shaikh Aamam Shaikh Mohd Sikandar Azim	Done
21	222	Md Hebatullah Md Hamidullah	Done



Sr. No	Roll No	Name of the students	Submitted
22	225	Khan Nida Asalm	Done
23	226	Shaikh Tousif Maheboob	Done
24	227	Baig Junaid Aleem	Done
25	229	Khan Sameena Khatoon Akram	Done
26	230	Adiba Tahoor Shaker Ahmed	Done
27	231	Madiha Kulsum Abdul Nadeem	Done
28	232	Shaikh Umair Ancees	Done
29	236	Shaikh Ayesha Yusuf	Done
30	237	Sayyad Abrar Sayyas Sadiq	Done
31	238	Shaikh Zuhiya Iram Khalid Masood	Done
32	239	Shaikh Saba Abdul	Done
33	240	Ansari Muskan	Done
34	241	Pratiksha Gaikwad	Done
35	242	Sakshi Kalyan Raut	Done



*Blahacharya*

Date:-16/03/2023

To,

The Principal,

Maulana Azad College of Arts, Science and Commerce,

Aurangabad.

Respected Sir,

This is to request you to permit us to depute 10 students of B.Sc III year for pathology lab training at Unison pathology laboratory, Aurangabad.

Thanking you,

*Dr. Aditi Bhattacharya*  
Yours faithfully,

Dr. Aditi Bhattacharya

HOD Microbiology

Permitted  
M  
16/3



Di: 14/3/2023

To,

Dr. Ayeesha Quadri

Unison Path. Lab

Aurangabad

Sub : Regarding hands-on training /internships in your esteemed Office /Lab/Industry /enterprise

Respected Sir/Madam ,

This is to request you to kindly accommodate Six, a student of the Dept. of Microbiology for the training programme from 15/3/2023 to 21/3/2023. This will surely enrich the process of learning and will also help the student to set the job preferences accordingly.

Thanking you

Yours sincerely



sign: [Signature]  
Name and Designation Dr. Atili R. Shahichega

Prof + HOD, Microbiology

Maulana Azad College of Arts, Science and Commerce,

Aurangabad

[Signature]  
**UNISON LAB. SERVICES**  
Near. Dr. Rashid's Hospital,  
Beside Smile Dental Clinic,  
Aurangabad-431001



Training programme in pathology lab

Unison pathology laboratory

Shah Bazar , Aurangabad

Date :-

Sr.no.	Test	Instrument	Application
1)	LFT, KFT, LIPID PROFILE.	BIOCHEMISTRY ANALYSER	Liver function test Heart health
2)	CBC URINE (R)	Hematology	Detection of Hb, Leucocyturia, Hematuria
3)	LFT, KFT, AMYLASE, LIPASE.	BIOCHEMISTRY ANALYSER	Kidney function test
4)	Widal, ASO TITRE, CBE.	Serology	Typhoid, paratyphoid A, B.
5)	CBC CRP KFT.	Hematology, Biochem.	Inflammatory symptoms CRP Inflammatory markers
6)	CBC, ELECTROLYTE, calcium	Centrifuge ANALYSER	Kidney function test
7)	URIC ACID.	Kidney function	— — —
8)	RA Testing	Arthritis - kit	Rheumatoid arthritis
9)	Hb1Ac	Diabetes - kit	Testing of blood sugar.



*Signature*

*Signature*

Signature of pathologist

UNISON LAB. SERVICES





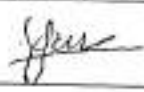
Near. Dr. Rashid's Hospital,  
Beside Smile Dental Clinic,  
Aurangabad-431001





Training programme

Intensive training  
on Path, Biochem, and  
Microbiological testing of  
clinical samples

Sr.no.	Name of the students	Signature of the students	Class/year
1	Mohammad Zameer		BSC .TY
2	Shaikh Astarz Shaikh Kaleem		B.Sc T.Y.
3	Akhil Ichau		B.Sc TII year
4	ARBAZ KHAN		Bsc T.y
5	Pinjari Sarfaraz		B.Sc T.Y
6	Shaikh Yousef		B.Sc TY



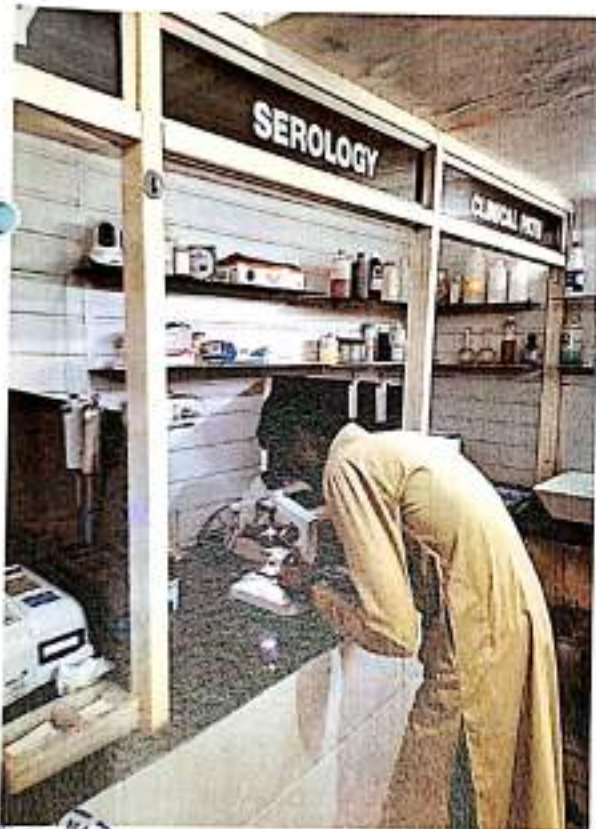
  
Signature

UNISON LAB. SERVICES  
Near. Dr.Rashid's Hospital,  
Beside Smile Dental Clinic,  
Aurangabad-431001





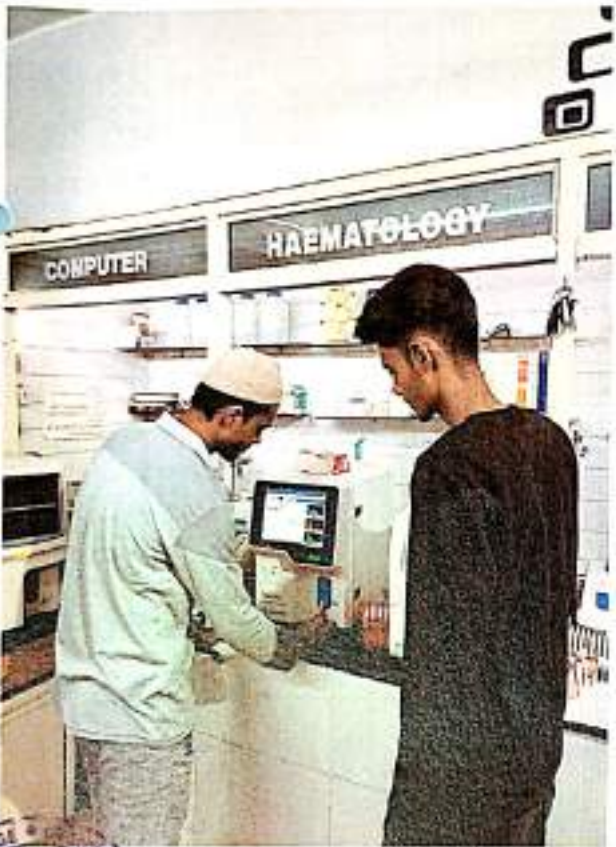
Dr. Anshu  
(HOD, Microbiology)



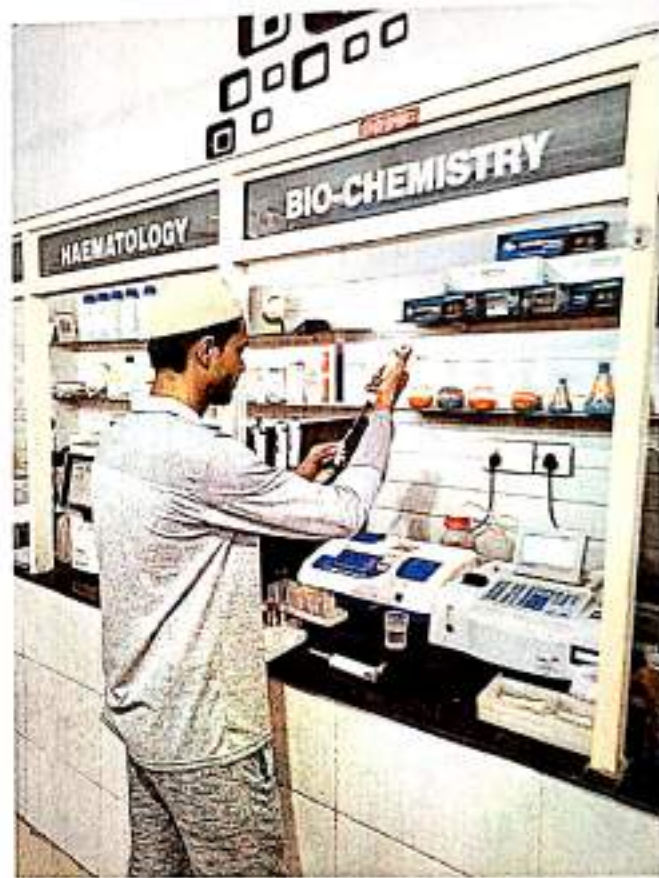
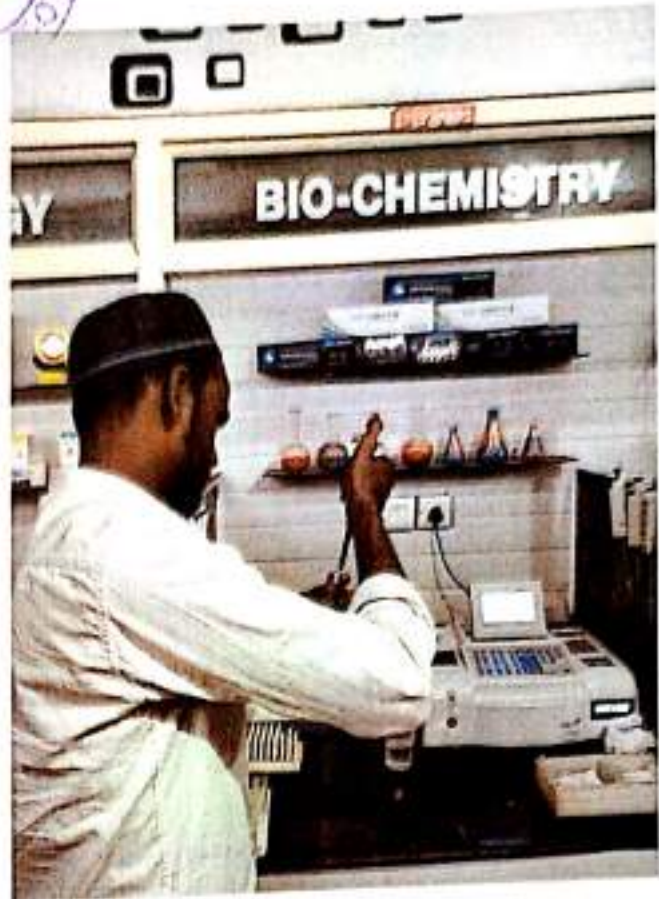
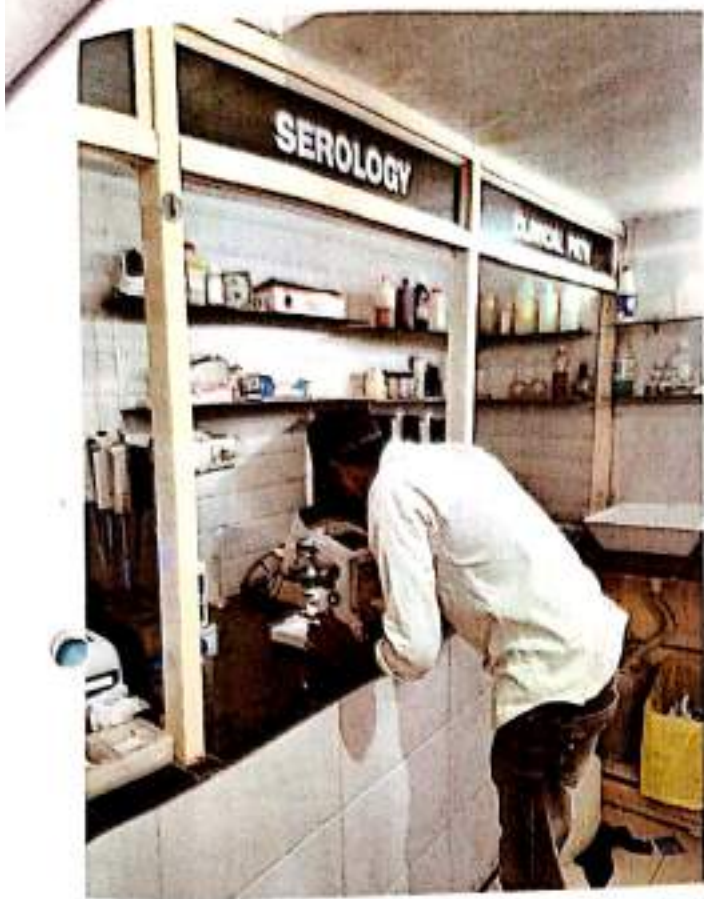
HEAD DEPT. OF MICROBIOLOGY  
MAULANA AZAD COLLEGE  
ALIGARH  
Chopra (Microbiol.)



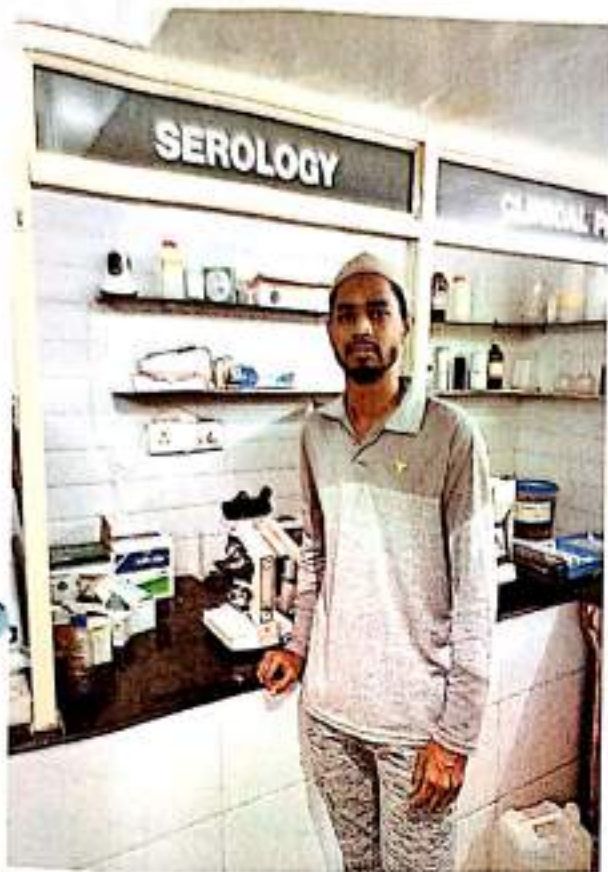
*M. A. Khan*  
(HOD, Microbiology)



MA AZAD COLLEGE  
MUMBAI  
Handwritten signature  
(HOD Microbiology)



DEPT. OF MICROBIOLOGY  
(HOD) (M.A.C. KRANGARU)



DEPT. OF MICROBIOLOGY  
M.A.C.  
MURANGBAD



DEPT. OF MICROBIOLOGY  
M.A.C.  
MURANGBAD

Dr. Hafid  
(Hafid, Microbiologist)



हिन्दी का भाव : राष्ट्र का सम्मान

भारतीय खाद्य संरक्षण एवं  
 शोधक प्राधिकरण  
 स्वास्थ्य एवं परिवार कल्याण विभाग  
 भारत सरकार  
 एफडीए भवन, कोला रोड, नई दिल्ली-110002  
**FOOD SAFETY AND  
 STANDARDS AUTHORITY OF INDIA**  
 Ministry of Health & Family Welfare  
 Government of India  
 FDA Bhawan, Kola Road, New Delhi-110002  
 Website :- www.fssai.gov.in  
 Helpline No :- 1800112100

F.No.18/Standard/Intern/Fssai/2012(Pl. F1)

Date: 19.05.2023

**TO WHOM IT MAY CONCERN**

This is to certify that this project report titled "*Comparative Status of Certification Bodies and Their Process On Vegan Foods in India and Other Countries*" submitted to Food Safety and Standards Authority of India (FSSAI), in partial fulfilment for the award of the degree in Maulana Azad college of science in Masters of Microbiology is the result of work carried out by Rohini A. Lokhande under my guidance during January- May 2023 in Science and Standard division FSSAI, HQ, Delhi, India.

*Pushp Vanam*  
 19.5.23  
 (Pushp Vanam)  
 Joint director, Science and Standards  
 Food Safety and Standards Authority of India  
 स्वास्थ्य एवं परिवार कल्याण विभाग  
 Ministry of Health & Family Welfare  
 भारत सरकार / Government of India  
 एफडीए भवन, कोला रोड, नई दिल्ली-110002  
 FDA Bhawan, Kola Road, New Delhi-110002



*Maulana Azad College of Arts, Science and Commerce,  
Aurangabad*

*Affiliated to*

*DR. BABASAHEB AMBEDKAR MARATHIWADA UNIVERSITY,*

*AURANGABAD-431004 MAHARASHTRA (INDIA)*



# Certificate

*This is to certify that the Dissertation/Project work entitled "Studies on clot dissolution and antimicrobial activity of microbial endophyte isolates from various plant parts of Curcuma Longa (Turmeric) " successfully completed & submitted to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, for the award of the M.Sc in Microbiology as a part of curriculum by Mohammad Basit Mohammad Sabir. Having Seat No..... for the Academic Year 2022-23.*

**Project Guide**  
Place: Aurangabad  
Date: / /

**Examiner**

**Head of Department**  
DEPT. OF MICROBIOLOGY (P.G.)  
MAULANA AZAD COLLEGE,  
AURANGABAD.

**Assistant Professor**  
Dept. of Microbiology  
Maulana Azad College  
AURANGABAD

R/c

*Maulana Azad College of Arts, Science and Commerce,  
Aurangabad*

*Affiliated to*

*DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,*

*AURANGABAD-431004 MAHARASHTRA (INDIA)*



# Certificate

*This is to certify that the Dissertation/Project work entitled "Isolation Of Plant Beneficial Bacteria From Vermicompost" successfully completed & submitted to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, for the award of the M.Sc in Microbiology as a part of curriculum by Miss.Mahima Mangesh Mande. Having Seat No.GVD401044 for the Academic Year 2022-23.*

*Project Guide*

*Place: Aurangabad*

*Date: 27/05/2023*

*Examiner*

*Head of Department  
INCHANGKAR  
DEPT. OF MICROBIOLOGY (P.G.)  
MAULANA AZAD COLLEGE,  
AURANGABAD,*

*Maulana Azad College of Arts, Science and Commerce,  
Aurangabad*

*Affiliated to*

*DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,*

*AURANGABAD-431004 MAHARASHTRA (INDIA)*



# Certificate

*This is to certify that the Dissertation/Project work entitled "Genetic Diversity & virulence profiling of Multidrug resistant E coli & P aeruginosa (Bacterial Isolates) from hotspot environment of city" successfully completed & submitted to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, for the award of the M.Sc in Microbiology as a part of curriculum by Bali Madhav Kale. Having Seat No..... for the Academic Year 2022-23.*

**Project Guide**

Place: Aurangabad

Date: 21/05/2023

**Examiner**

**Head of Department**

**INCUMBENT HEAD  
DEPT. OF MICROBIOLOGY (P)  
MAULANA AZAD COLLEGE,  
AURANGABAD.**

*Maulana Azad College of Arts, Science and Commerce,  
Aurangabad*

*Affiliated to*

*DR. BABASAHEB AMBEDKAR MARATHIWADA UNIVERSITY,*

*AURANGABAD-431004 MAHARASHTRA (INDIA)*



# Certificate

*This is to certify that the Dissertation/Project work entitled "VQ study the antimicrobial effect of Guava leaf extract on the Gram positive and Gram negative bacteria" successfully completed & submitted to Dr. Babasaheb Ambedkar Marathiwada University, Aurangabad, for the award of the M.Sc in Microbiology as a part of curriculum by Neelam Vridhichand Chauhan Having Seat No. GVD401036 for the Academic Year 2022-23.*

*Project Guide*

*Place: Aurangabad*

*Date: 26/05/2023*

*Examiner*

*Head of Department*

*DR. MAULANA AZAD COLLEGE,  
AURANGABAD,*



**MAULANA AZAD COLLEGE OF ARTS, SCIENCE AND  
COMMERCE, AURANGABAD**


**Accredited with 'A' grade by NAAC**

**Affiliated to Dr. Babasaheb Ambedkar Marathwada University**

**DEPARTMENT OF MICROBIOLOGY**

**CERTIFICATE**

This is to certify that the project report entitled "TO STUDY THE ANTI MICROBIAL ACTIVITY OF NEEM LEAF EXTRACT ON SOME BACTERIA." is a bonafide research work done by Miss. Pallavi Ramesh Susar (PRN No. 2021015200595102 ), Mr. Kunal Ganesh Golde (PRN No. 2015015200707165), Mr. Syed Altaf Jabbar (PRN No. 2018015200539647) during semester IV, 2022-2023, under the guidance of Asst. Professor Miss. NAUSHAD ANJUM MAM and has been satisfactory in quality and is recommended for consideration towards partial fulfilment for the award of the degree of Master of Sciences in Microbiology.

  
Supervisor  
IN-CHARGE HEAD  
DEPT. OF MICROBIOLOGY (P.G.)  
MAULANA AZAD COLLEGE,  
AURANGABAD.

  
External Examiner

*Maulana Azad College of Arts, Science and Commerce,  
Aurangabad*


*Affiliated to*


*DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,  
AURANGABAD-431004 MAHARASHTRA (INDIA)*




# Certificate

*This is to certify that the Dissertation/Project work entitled "Isolation and application of plant growth promoting Rhizobacter and Azotobacter" successfully completed & submitted to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, for the award of the M.Sc in Microbiology as a part of curriculum by Sayyed Shoaib Sayyed Zahed. Having Seat No GVD401047 for the Academic Year 2022-23*

  
Project Guide  
Place: Aurangabad  
Date: 21/06/2023

  
EXCHANGE HEAD  
DEPT. OF MICROBIOLOGY (P.G.)  
MAULANA AZAD COLLEGE,  
AURANGABAD.

  
HEAD OF DEPARTMENT  
DEPT. OF MICROBIOLOGY (P.G.)  
MAULANA AZAD COLLEGE,  
AURANGABAD.

## Academic year 2022-23 Microbiology- PG Dissertations

Name of the Student	Topic
1. Pallavi Susar 2. Kunal Golde 3. Syed Altaf Jabbar	To Study the antimicrobial activity of Neem leaf extract on some bacteria
4. Neelam Vridhichand Chauhan	To Study the Antimicrobial Effect of Guava leaf extract on the Gram positive and Gram negative bacteria
5. Abhijeet Vijay Mahabale 6. Madhav Kade Bali	Genetic diversity and Virulence profiling of multidrug resistant <i>E.coli</i> and <i>P.aeruginosa</i> (bacterial isolates) from Hotspot Environment of city
7. Mohammad Basit 8. Mohammad Sabir 9. Khan Darakshan 10. Yamin Ali Khan	The studies on clot dissolution activity of microbial endophytes isolated from different plant parts of <i>Curcuma longa</i> (turmeric) with antimicrobial activity and coagulase test
11. Sayyaed Shoaib 12. Sayyed Zahed	Isolation and application of plant growth promoting Rhizobacter and Azotobacter
13. Mahima Mangesh Mande 14. Mahvin Nisa Muneer	Isolation of Plant beneficial bacteria from vermicompost

Prepared by Ms. Tabassum Patel



H.O.D / IC

Assistant Professor  
Dept. of Microbiology  
Maulana Azad College  
AURANGABAD

## Academic Year 2022-23

### Student centric methods

#### 1. Experiential learning (Project)

Sr.No.	Name of the activity	No. of participants	Date
1.	Project	11	21/05/2023

#### 2. Participative Learning (Seminar)

Sr.No.	Name of the activity	No. of participants	Date
	Nil		

#### Attachments:

1. Project – certificates, list of students.

Report prepared by Ms. Zarina Shaikh.



I/c Name & sign: Ms. Zarina Shaikh



Assistant Professor & I/c  
Dept. of Microbiology  
Maulana Azad College  
AURANGABAD



Maulana Azad College of Arts, Science & Commerce,  
Dr. Rafiq Zakaria Campus, Rauza Baugh, Aurangabad

---

DATE: 18-12-2023

**NOTICE**

Under the criteria 2.3 All the Head of the departments of UG, PG, Grant & Non-Grant are requested to submit the data of Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences during the academic year **2022-23**. The data should be submitted in the form of soft and hard copy on or before **18-10-2023** in the given format.

**2.3. Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences.**

Department		Academic Year	2022-2023
------------	--	---------------	-----------

**1. Experiential Learning. (e.g., Project, industrial visit, Field visit, Heritage walks etc.)**

Sr .N.	Name of the activity	Number of participants	Date
02	Students Visit to High Court Aurangabad	15	22/09/ 2022

**2. Participative Learning. (e.g., Group discussion, Seminar, workshop, Presentation)**

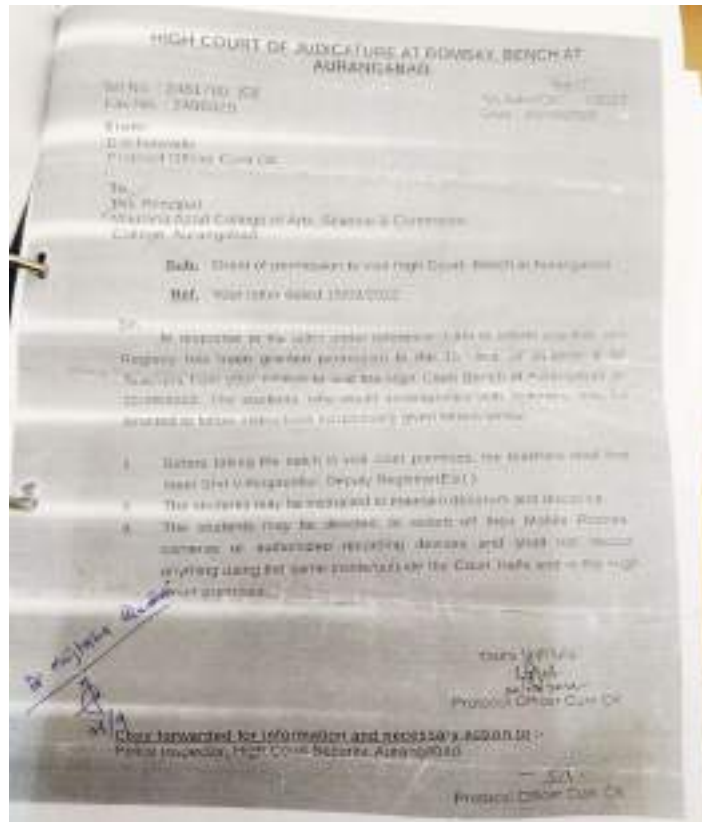
Sr .N.	Name of the activity	Number of participants	Date
1	Student Seminar on Indian Government & Politics	10	18/11/2022

**3. Problem Solving Methods:**

Sr .N.	Name of the activity	Number of participants	Date
1	Guest Lecture for BA III Year Students for Main Project	20	13/04/2023

**For each table (1,2,3) also provide supplementary details including Permission letter, Attendance, Flyer, Photos, Certificate etc on separate MS word pages.**

**Dr. Mazahar Farooqui**  
**Principal**  
**Maulana Azad College Aurangabad**



Permission Letter of Student visit to High Court visit on 22/09/ 2022



Student Visit to High Court on 22/09/2022

Maulana Azad College of Arts, Science & Commerce  
Dr. Rafiq Zakaria Campus, Rauna Singh, Anantnag.

Date: 11-04-2023

Notice

All the students of B.A. Political Science are hereby informed that a Guest Lecture is going to organize by Department of Political Science on "Career Opportunities and Higher Studies after Graduation" by Mrs. Mahamud Jahan Ara, Assistant Professor & Head, Sir Syed College, Anantnag on 13<sup>th</sup> April 2023 at 12:28 p.m. in Hall No. 3 of Science Building. All students are requested to remain present in the guest lecture.

(Dr. Masud Ahmad Parsoop)  
Principal  
Maulana Azad College  
Rauna Singh, Anantnag

Notice of Guest Lecture for BA III Year Students for Main Project on 13/04/2023



Invitation Letter of Guest Lecture for BA III Year Students for Main Project on 13/04/2023

Attendance of Guest Lecture on  
"Case Studies and High Studies after  
Graduation by Mrs. Manojit Jadhav".

Date:  
13/04/2023.

Sl. No.	Name	Sign	Roll No.
01	Shikha Tejaswini Patil	[Signature]	(14)
02	Pratik Pratik Patil	[Signature]	(38)
03	Shikha Tejaswini Patil	[Signature]	(14)
04	Shikha Tejaswini Patil	[Signature]	(14)
05	Shikha Tejaswini Patil	[Signature]	(14)
06	Shikha Tejaswini Patil	[Signature]	(14)
07	Shikha Tejaswini Patil	[Signature]	(14)
08	Shikha Tejaswini Patil	[Signature]	(14)
09	Shikha Tejaswini Patil	[Signature]	(14)
10	Shikha Tejaswini Patil	[Signature]	(14)
11	Shikha Tejaswini Patil	[Signature]	(14)
12	Shikha Tejaswini Patil	[Signature]	(14)
13	Shikha Tejaswini Patil	[Signature]	(14)
14	Shikha Tejaswini Patil	[Signature]	(14)
15	Shikha Tejaswini Patil	[Signature]	(14)
16	Shikha Tejaswini Patil	[Signature]	(14)
17	Shikha Tejaswini Patil	[Signature]	(14)
18	Shikha Tejaswini Patil	[Signature]	(14)
19	Shikha Tejaswini Patil	[Signature]	(14)
20	Shikha Tejaswini Patil	[Signature]	(14)

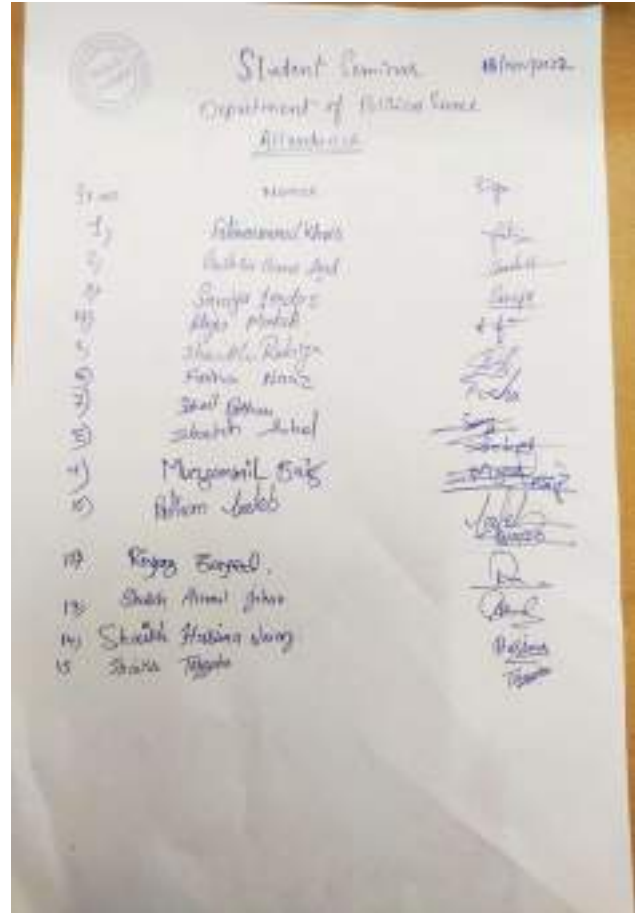
Attendance of Guest Lecture for BA III Year Students for Main Project on 13/04/2023



Guest Lecture for BA III Year Students for Main Project on 13/04/2023



Notice Student Seminar on Indian Government & Politics on 18/11/2022



Attendance of Student Seminar on Indian Government & Politics on 18/11/2022



Student Seminar on Indian Government & Politics on 18/11/2022

Maulana Azad College of Arts, Science & Commerce,  
Dr. Rafiq Zakaria Campus, Rauza Baugh, Aurangabad

DATE: 17-10-2024

2.3. Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences.

Department	Political Science	Academic Year	2022-2023
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1. Experiential Learning. (e.g., Project, industrial visit, Field visit, Heritage walks etc.)

Sr .N.	Name of the activity	Number of participants	Date
02	Students Visit to High Court Aurangabad	15	22/09/ 2022

2. Participative Learning. (e.g., Group discussion, Seminar, workshop, Presentation)

Sr .N.	Name of the activity	Number of participants	Date
1	Student Seminar on Indian Government & Politics	10	18/11/2022

3. Problem Solving Methods:

Sr .N.	Name of the activity	Number of participants	Date
1	Guest Lecture for BA III Year Studentsfor Main Project	20	13/04/2023

For each table (1,2,3) also provide supplementary details including Permission letter, Attendance, Flyer, Photos, Certificate etc on separate MS word pages.



1. The student is permitted to visit the High Court on 22/09/2022.  
 2. The student is permitted to visit the High Court on 22/09/2022.  
 3. The student is permitted to visit the High Court on 22/09/2022.  
 4. The student is permitted to visit the High Court on 22/09/2022.  
 5. The student is permitted to visit the High Court on 22/09/2022.  
 6. The student is permitted to visit the High Court on 22/09/2022.  
 7. The student is permitted to visit the High Court on 22/09/2022.  
 8. The student is permitted to visit the High Court on 22/09/2022.  
 9. The student is permitted to visit the High Court on 22/09/2022.  
 10. The student is permitted to visit the High Court on 22/09/2022.

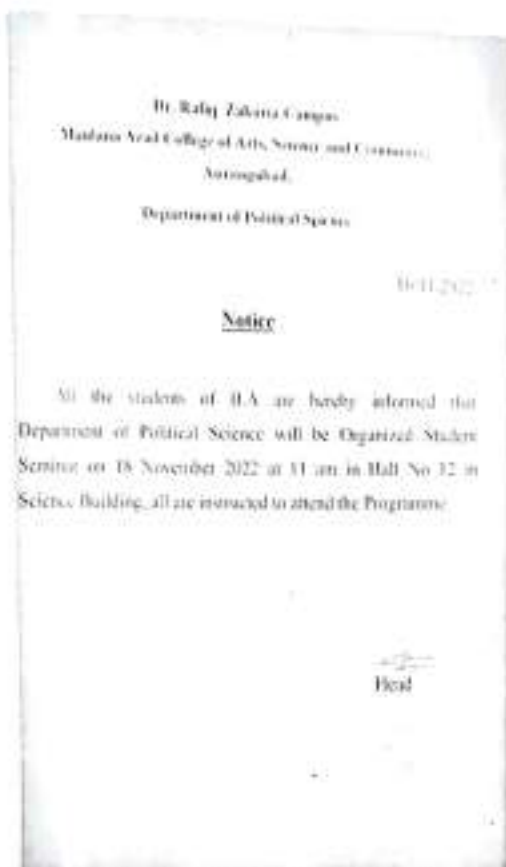
In witness whereof  
 M.A. [Signature]  
 Police Inspector, High Court Building, Aurangabad  
 Public Order Officer

Permission Letter of Student visit to High Court visit on 22/09/ 2022



Student Visit to High Court on 22/09/2022





Notice Student Seminar on Indian Government & Politics on 18/11/2022

Attendance of Student Seminar on Indian Government & Politics on 18/11/2022



Student Seminar on Indian Government & Politics on 18/11/2022





**Maulana Azad College of Arts, Science & Commerce**  
Dr. Rafiq Zakaria Campus, Raazi Road, Aurangabad.

Date: 13/04/2023

**Notice**

All the students of B.A. Political Science are hereby informed that a Guest Lecture is going to organize by Department of Political Science on "Career Opportunities and Higher Studies after Graduation" by Mrs. Meenukat Jaisri Arora, Professor & Head, Sri Sarvottam College, Aurangabad on 13<sup>th</sup> April 2023 at 12:15 pm in Hall No. 5 of Science Building. All students are requested to attend present in the guest lecture.

**Dr. Mushtaq Ahmad Farooqui**  
Principal  
Maulana Azad College of Arts, Science & Commerce  
Raazi Road, Aurangabad



**Maulana Azad College of Arts, Science & Commerce**  
Dr. Rafiq Zakaria Campus

Dr. Mushtaq Ahmad Farooqui  
Principal  
Maulana Azad College of Arts, Science & Commerce  
Raazi Road, Aurangabad

Date: 13/04/2023

Dr. Meenukat Jaisri Arora  
Professor & Head  
Department of Political Science  
Sri Sarvottam College of Arts, Science & Commerce  
Raazi Road, Aurangabad

**Subject: Invitation for Guest Lecture for B.A. Students**

Dear Sir,

It is my pleasure to invite you for a Guest Lecture on "Career Opportunities and Higher Studies after Graduation" on 13<sup>th</sup> April, 2023 at 12:15 pm in Hall No. 5. We are sure of your knowledge and command on the topic. You are requested to kindly accept our invitation and deliver a guest lecture. The Department of Political Science is organizing the guest lecture on the next date.

I feel that it was indeed an overall academic contribution in spite of your busy schedule. I hope to hear such fruitful discussion in future. We will definitely thank you for your valuable contribution.

Thanking you,

*(Signature)*

Yours faithfully,  
**Dr. Mushtaq Ahmad Farooqui**  
Principal  
Maulana Azad College of Arts, Science & Commerce  
Raazi Road, Aurangabad

Attendance of Guest Lecture on  
"Career opportunities and Higher studies after  
Graduation by Mrs. Meenukat Jaisri Arora

Date: 13/04/2023

Sl. No.	Roll No.	Name	Sign	Att. No.
01	10010101	Ayaz Khan	[Signature]	(46)
02	10010102	Muhammad Farooqui	[Signature]	(32)
03	10010103	Muhammad Farooqui	[Signature]	(06)
04	10010104	Muhammad Farooqui	[Signature]	(20)
05	10010105	Muhammad Farooqui	[Signature]	(87)
06	10010106	Muhammad Farooqui	[Signature]	(10)
07	10010107	Muhammad Farooqui	[Signature]	(10)
08	10010108	Muhammad Farooqui	[Signature]	(10)
09	10010109	Muhammad Farooqui	[Signature]	(10)
10	10010110	Muhammad Farooqui	[Signature]	(10)
11	10010111	Muhammad Farooqui	[Signature]	(10)
12	10010112	Muhammad Farooqui	[Signature]	(10)
13	10010113	Muhammad Farooqui	[Signature]	(10)
14	10010114	Muhammad Farooqui	[Signature]	(10)
15	10010115	Muhammad Farooqui	[Signature]	(10)
16	10010116	Muhammad Farooqui	[Signature]	(10)
17	10010117	Muhammad Farooqui	[Signature]	(10)
18	10010118	Muhammad Farooqui	[Signature]	(10)
19	10010119	Muhammad Farooqui	[Signature]	(10)
20	10010120	Muhammad Farooqui	[Signature]	(10)

**Notice, Invitation Letter and Attendance of Guest Lecture for BA III Year Students for Main Project on 13/04/2023**



Maulana Azad College of Arts, Science & Commerce,  
Dr. Rafiq Zakaria Campus, Rauza Baugh, Aurangabad

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DATE: 18-12-2023

**NOTICE**

Under the criteria 2.3 All the Head of the departments of UG, PG, Grant & Non-Grant are requested to submit the data of Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences during the academic year **2022-23**. The data should be submitted in the form of soft and hard copy on or before **18-10-2023** in the given format.

***2.3. Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences.***

<b>Department</b>		<b>Academic Year</b>	<b>2022-2023</b>
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**1. Experiential Learning. (e.g., Project, industrial visit, Field visit, Heritage walks etc.)**

Sr .N.	Name of the activity	Number of participants	Date
02	Students Visit to High Court Aurangabad	15	22/09/ 2022

**2. Participative Learning. (e.g., Group discussion, Seminar, workshop, Presentation)**

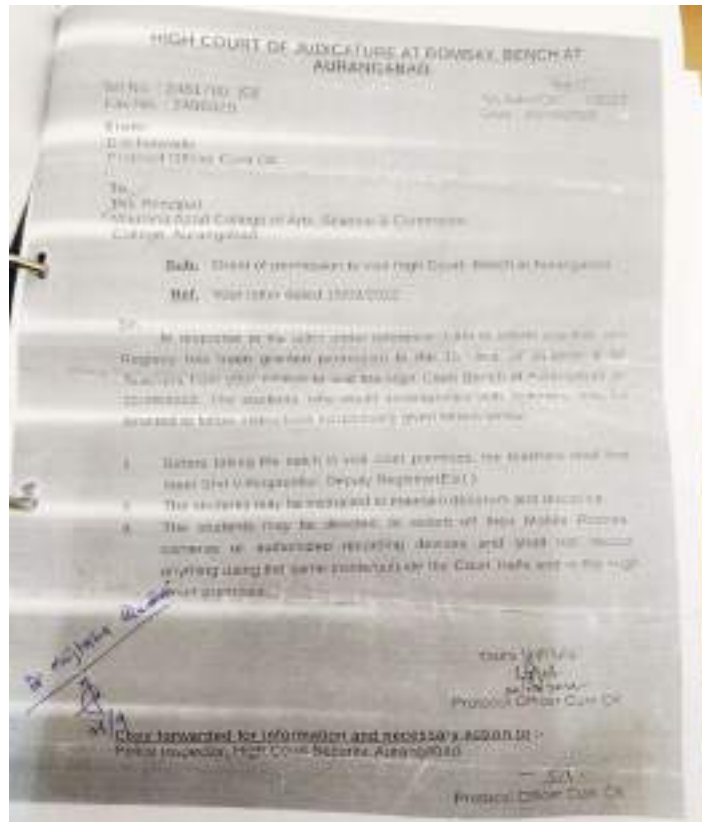
Sr .N.	Name of the activity	Number of participants	Date
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**3. Problem Solving Methods:**

Sr .N.	Name of the activity	Number of participants	Date
1	Guest Lecture for BA III Year Students for Main Project	20	13/04/2023

**For each table (1,2,3) also provide supplementary details including Permission letter, Attendance, Flyer, Photos, Certificate etc on separate MS word pages.**

**Dr. Mazahar Farooqui**  
**Principal**  
**Maulana Azad College Aurangabad**



Permission Letter of Student visit to High Court visit on 22/09/ 2022



Student Visit to High Court on 22/09/2022

Maulana Azad College of Arts, Science & Commerce  
Dr. Rafiq Zakaria Campus, Rauna Singh, Anantnag.

Date: 11-04-2023

Notice

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(Dr. Masud Ahmad Parsoop)  
Principal  
Maulana Azad College  
Rauna Singh, Anantnag

Notice of Guest Lecture for BA III Year Students for Main Project on 13/04/2023



Invitation Letter of Guest Lecture for BA III Year Students for Main Project on 13/04/2023

Attendance of Guest Lecture on  
"Case Studies and High Studies after  
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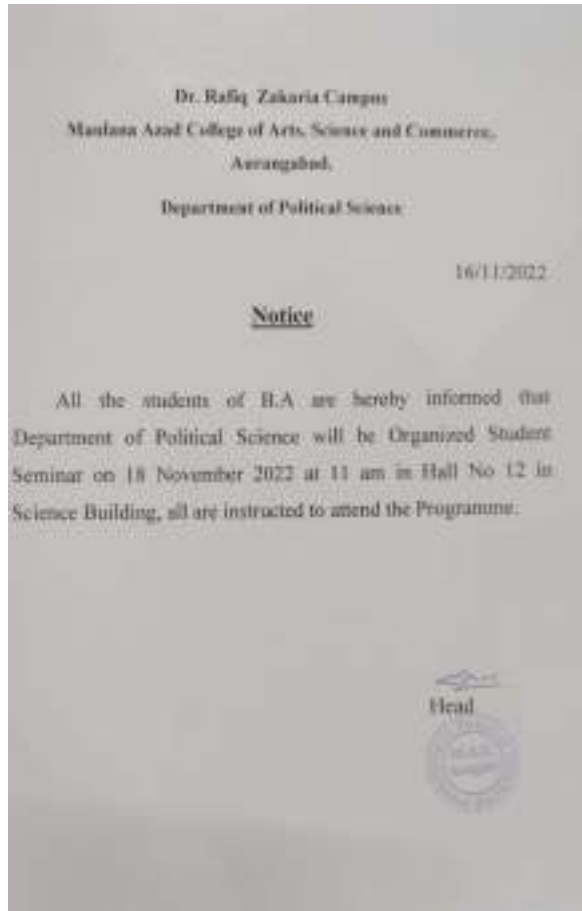
Date:  
13/04/2023.

Sl. No.	Roll No.	Name	Sign	Roll No.
01	19050901	Shikha Tejaswini Patil	[Signature]	19050901
02	19050902	Prachi Pooja Patil	[Signature]	19050902
03	19050903	Shachi Suman Patil	[Signature]	19050903
04	19050904	Shachi Suman Patil	[Signature]	19050904
05	19050905	Shachi Suman Patil	[Signature]	19050905
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07	19050907	Shachi Suman Patil	[Signature]	19050907
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10	19050910	Shachi Suman Patil	[Signature]	19050910
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12	19050912	Shachi Suman Patil	[Signature]	19050912
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17	19050917	Shachi Suman Patil	[Signature]	19050917
18	19050918	Shachi Suman Patil	[Signature]	19050918
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20	19050920	Shachi Suman Patil	[Signature]	19050920

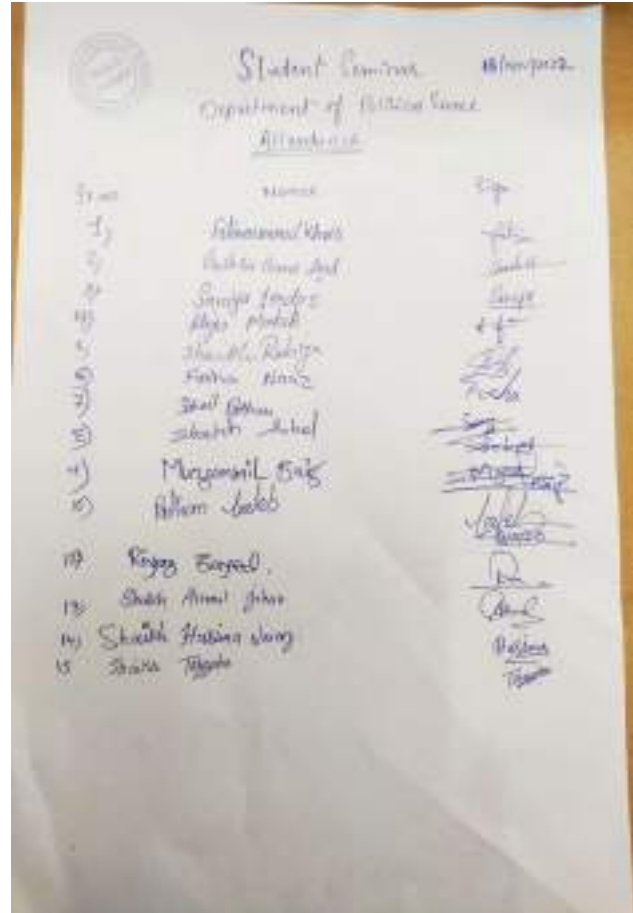
Attendance of Guest Lecture for BA III Year Students for Main Project on 13/04/2023



Guest Lecture for BA III Year Students for Main Project on 13/04/2023



Notice Student Seminar on Indian Government & Politics on 18/11/2022



Attendance of Student Seminar on Indian Government & Politics on 18/11/2022



Student Seminar on Indian Government & Politics on 18/11/2022

# Maulana Azad College of Arts, Science and Commerce

Dr. Rafiq Zakaria Campus-I, Rauza Bagh, Aurangabad 431001

## Certificate Course (45 Sessions) at a Glance

- Department: Dept. Of Urdu, Maulana Azad College Aurangabad.
- Title of Certificate Course: Intermediate Course in Persian Language
- Duration: 45 online sessions
- Date of Commencement: From 24<sup>th</sup> October 2022 to 7<sup>th</sup> Feb. 2023
- Time: Monday & Tuesday at 8: 30 pm evening (Every Week)
- Course Coordinator: Dr Abdul Rab
- Financing if any: Nil
- Total Registrations: 16
- No. of classes engaged: 45 online sessions
- No. of Practical engaged: \_\_\_\_\_
- Dates of evaluation : 4<sup>th</sup> & 7<sup>th</sup> Feb. 2023.
- Date of distribution of Certificate:

Documents to be submitted in hard copy to IQAC; (2018-2022)

1. Name list of students enrolled with signatures of students.
2. Mark list/ Grades
3. Photocopy of certificate issued
4. Syllabus
5. Question paper
6. Attendance

**Report of activity for submission to IQAC**

Name of the Event / Activity/ speaker: **Intermediate Course in Persian Language**

Date: - From 24<sup>th</sup> October 2022 to 7<sup>th</sup> Feb 2023

Time: - Monday, Tuesday at 8: 30 pm evening (Every Week)

Venue/ online platform: **Zoom app**

Number of beneficiaries: **16**

Type of activity: **Curricular/Co curricular**

Extension activity /Departmental activity: **Department of Urdu**

Course Coordinator: **Dr. Abdul Rab**

**Details of the Programme:** The short term course "Intermediate Course in Persian Language" is the outcome on the memorandum of understanding between Maulana Azad College and Cultural House of Islamic Republic of Iran- Mumbai. The MoU is signed by Dr. Mazahar Ahmad Farooqui Principal Maulana Azad College of Arts, Science & Commerce and Dr. Mohsin Aashuri Director Cultural House of Islamic Republic of Iran- Mumbai. Presently mentor of the course is Dr. Amanollah Sayadi Director of the cultural house. The Intermediate Persian language learning course is designed for students who are have basic knowledge of Persian language. The expert form Iran and Persian departments of Indian Universities having expertise in teaching Persian language are appointed by Cultural House, for teaching. The said course is run by online method through zoom app in two days of the week i.e., Monday& Tuesday on 8: 30 pm. The prescribed book for this certificate course is *Dawrae amozish Zaban Farsi Vol. I by Mehdi Zagamiyan, Tehran*. The Course fee is free of cost Forty to sixty online teaching hours were engaged as per the learning ability of the batch. Dabeer Mohd. Ali Mansoori of Iranian Cultural House, Mumbai was the tutor for the batch and Dr. Abdul Rab Assistant Professor in Urdu Maulana Azad College, Aurangabad was appointed as the course coordinator. The course is run under department of Urdu.



#### Goals and objectives:

- 1) To introduce Persian language
- 2) To inform about Iranian Art & Culture.
- 3) To give knowledge about Persian language.
- 4) To familiarizes the learner with necessary words, functions, concepts and basic grammar of Persian language.

#### Highlights of the programme:

**Intermediate Course in Persian Language:** The three months certificate course was started on 2<sup>nd</sup> Oct. 2022 and concluded on first week of February 2023. Weekly two lectures were engaged by tutor Mohammad Ali Mansori. Near about 16 students were enrolled and promoted in the said course. One internal tests and final exams were conducted by the tutor. Total number 14 participant passed in the exam and achieved appreciate able marks. After successfully attending the classes and qualifying the exam, certificates to the qualified students were distributed.

#### Relevance and outcome:

India is having strong socio & cultural relations with Persia from ancient age. Iran is having cheapest gas and oil reserves in the world; it can become our most beneficial trade partner. So it is very essential for Indian to learn Persian language. As well as the most important historical sources of medieval India is written in Persian language. After completion of this course the participants will get basic knowledge about Iranian culture and their language. Due to sanctions of the IMF Iran is segregated from the world, we the Indian by joining this course take benefit in trade and cultural transformation.

#### List of the Participants in Intermediate Course in Persian

Sr. No.	Name of the Students	E-mail ID	Mobile No.
1	Dr. Mazahar Ahmad Farooqui	macprincipal@gmail.com	9422214785
2	Dr. Abdul Rab	abdulraburdu@gmail.com	9657576167
3	Dr. Shaikh Musak Rajjak	shaikhmusakrajjak@gmail.com	9860068985
4	Dr. Shaikh Tarannum Tanveer	ttshaikhmac@gmail.com	9967698286
5	Dr. Mahejabeen Nisar Ahmad Sayyed	mehsyed123@gmail.com	9403824448

7	Ms. Noorussabah	noorussabahwasey@gmail.com	7709464243
8	Ms. Khan Saba	emmaglenn7777@gmail.com	7709988741
9	Ms. Misbah Sadaf Sayyed Mubeen	shagufta7412@gmail.com	9112969770
10	Ms. Shaikh Harima Naaz Anwar	shaikhharema@gmail.com	9623788460
11	Ms. Khan Iram Naaz	inaaz101@gmail.com	9096560989
12	Ms. Tahzeeb Fatema Khan	tahzeeofficial@gmail.com	9096560989
13	Ms. Sameera Khanum	khanumsameera641@gmail.com	9096560989
14	Mr. Mubin Khan	mr.mubin0143@gmail.com	8788373247
15	Ms. Misbah Anjum Shaikh	misbahanju4488@gmail.com	9561651441
16	Ms. Radhika Namrata Pallod	Radhikanamrata.pallod@gmail.com	8978005432

#### Attendance Sheet and Performance record.

Sr. No.	Name of the Students	Online classes attended	Participation in learning	Assignment	Test	Overall Grade
1	Dr. Mazahar Ahmad Farooqui	A	A	A	A+	A
2	Dr. Abdul Rab	A	A	B+	A	A
3	Dr. Shaikh Musak Rajjak	B+	B	B	B+	B+
4	Dr. Shaikh Tarannum Tanveer	A	A	A	A+	A
5	Dr. Mahejabeen Nisar Ahmad Sayyed	B+	A	A	A+	A
6	Dr. Afroz Begum	B+	B	B	B+	B+
7	Ms. Noorussabah	A	A	A	A+	A
8	Ms. Khan Saba	A	A	B+	A	A
9	Ms. Misbah Sadaf Sayyed Mubeen	A	A	A	A+	A
10	Ms. Shaikh Harima Naaz Anwar	A+	A	A	A	A
11	Ms. Khan Iram Naaz	A+	A	A	A+	A
12	Ms. Tahzeeb Fatema Khan	A+	A	A	A+	A+
13	Ms. Sameera Khanum	A+	A	A	A+	A+
14	Mr. Mubin Khan	D	D	D	D	D
15	Ms. Misbah Anjum Shaikh	D	D	D	D	D
16	Ms. Radhika Namrata Pallod	B+	A	B	A+	A

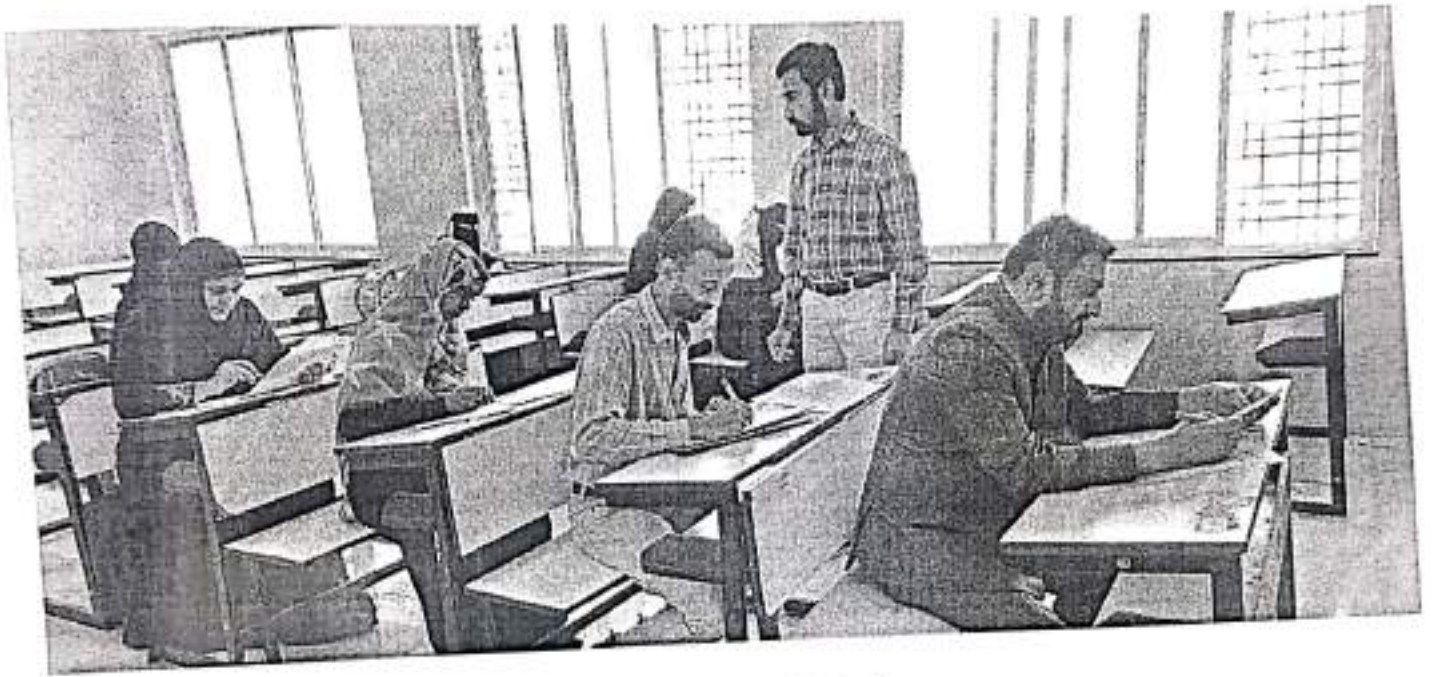
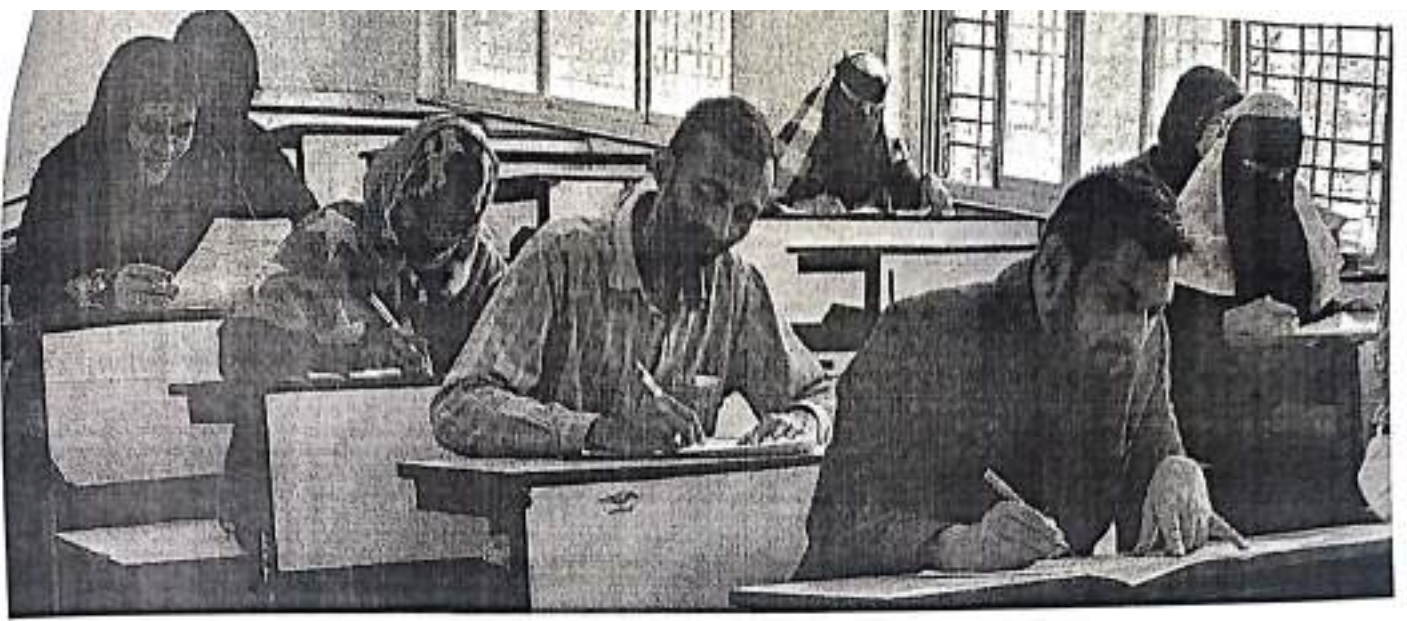
**Final Examination Result**

Sr. No.	Name of the Students	Final Mark
1	Dr. Mazahar Ahmad Farooqui	89
2	Dr. Abdul Rab Gulam Dastagir	81
3	Dr. Shaikh Musak Rajjak	66
4	Dr. Shaikh Tarannum Tanveer	84
5	Dr. Mahejabeen Nisar Ahmad Sayyed	84
6	Dr. Afroz Begum	68
7	Ms. Noorussabah Abdul Wase	86
8	Ms. Khan Saba	78
9	Ms. Misbah Sadaf Sayyed Mubeen	77
10	Ms. Shaikh Harima Naaz Anwar	71
11	Ms. Khan Iram Naaz	89
12	Ms. Tahzeeb Fatema Khan	90
13	Ms. Sameera Khanum	93
14	Mr. Mubin Khan	Absent
15	Ms. Misbah Anjum Shaikh	Absent
16	Ms. Radhika Namrata Pallod	92

Feedback analysis (Comments/suggestions): Attached separately



Photographs of the Certificate distribution Programme



Photographs of the examination of intermediate course in Persian.

  
Programme Coordinator

**DR. ABDUL RAB**  
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Dr. Amanollah Sayadi

Director

  
Dr. Mazahar Ahmed Farooqui

Principal  
Principal  
Maulana Azad College of Arts,  
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Rauza Baugh, Aurangabad.

# Curricular and Co-Curricular Activities

## Department of Urdu

Academic Year :2022-2023

### 1. Experiential Learning. (e.g., Project, industrial visit, Field visit, Heritage walks etc.)

S.N.	Name of the activity	Number of participants	Date
1	Project	13	13-04-2023
2	Short Term Course in Persian (Basic)	21	02-03-2023
3	Short Term Course in Persian(Intermediate)	16	07-02-2023

### 2. Participative Learning. (e.g., Group discussion, Seminar, workshop, Presentation)

S.N.	Name of the activity	Number of participants	Date
1	Student Seminar	20	11-11-2022
2	One-day Seminar(Gopichand Narang)	95	30-07-2022
3	National Seminar (Aurangabad)	103	20-03-2023

### 3. Problem Solving Methods

S.N.	Name of the activity	Number of participants	Date
1			
2			
3			

Head of the Department