Shri Baneshwar Shikshan Sansthas

Arts, Science and Commerce College, Burhannagar, Ahmednagar 414002

Criterion-1 Curricular Aspects

1.3 Curriculum Enrichment

QnM - 1.3.2 Percentage of students undertaking project work /field work/internship (Data for the latest completed academic year)

शासन मान्यता क्र.एन.जी.सी. 2003/ न म वि (1/03) म शि - 3

Estd. 2004
College Code - 752
Center Code - 167

SHRI BANESHWAR SHIKSHAN SANSTHA'S

Arts, Science and Commerce College

Burahannagar, Ahmednagar. Ph.: (0241) 2321667
E-mail: shribaneshwarcollege@gmail.com Web - http://baneshwarcollege.in

Ref No.

Date : 30 /12/2022

Principal
Dr. Shridhar Shankar Jadhav
M.Sc., M.Phil., Ph.D.
(Professor In Physical Chemistry)

Declaration

This is to declare that the information, reports, true copies of the supporting documents, numerical data, etc. submitted/presented in this file is verified by Internal Quality Assurance Cell (IQAC) and is correct as per the records. This declaration is for the purpose of NAAC accreditation of HEI for 1st Cycle period 2017-2018 to 2021-2022

Date : 30/12/2022

Place : Burhannagar

Dr. R.H. Shaikh
IQAC Coordinator
Co-ordinator
Internal Quality Assurance Cell
Shri Baneshwar Shikhan Sansthas
Arts, Science and Commerce College
Burhannagar, Ahmednagar

Arts, Science and Commerce College Burhannagar, Ahmednagar
ID No. AN/ASC/ 074/2004

Dr. S.S. Jadhav
Principal
PRINCIPAL
Arts, Science and Commerce College
Burhannagar, Ahmednagar

Table of Contents

Programme wise list of courses of undertaking project work/ internship...

1.3.3 Percentage of students undertaking project work/field work/internship (Data for the latest completed academic year)

Programme name	Program Code	List of students undertaking project work/field work/internship	link to relevent documents
T.Y.B.Sc (Physics) (CBCS Pattern)	SCI-UG-15	**Semister I**	
		Bankar Priyanka Suresh	
		Bhingardive Rohit Shankar	
		Devkar Aniket Sitaram	
		Deokar Renuka Mahadev	
		Dusunge Aditya Vilas	
		Jadhav Rohan Shashikant	
		Japkar Ashwini Balasaheb	
		Patole Saurabh Sunil	
		Pawar Vipul Devdan	
		Sathe Pratham Vijay	
		Shaikh Saniya Chand	
		Thorat Gaurav Jagnnath	
		Waman Sonali Nandu	
		Semister II	
		Bankar Priyanka Suresh	
		Bhingardive Rohit Shankar	
		Devkar Aniket Sitaram	
		Deokar Renuka Mahadev	
		Dusunge Aditya Vilas	
		Jadhav Rohan Shashikant	
		Japkar Ashwini Balasaheb	
		Patole Saurabh Sunil	
		Pawar Vipul Devdan	
		Sathe Pratham Vijay	
		Shaikh Saniya Chand	
		Thorat Gaurav Jagnnath	
		Waman Sonali Nandu	
T.Y.B.Sc. (Computer Science)	CS-UG-13	Bhapkar Samrudhi Arvind	
		Bhosale Aniket Suresh	
		Dayama Abhishek Avinash	
		Dhadge Omkar Sanjay	
		Divate Shubham Kailas	
		Funde Dnyaneshwar Shivnath	
		Gavhane Sushant Sudam	
		Jawale Saurabh Pratap	
		Kate Om Kailash	
		Khan Safdar Minhaj	
		Kolge Aniket Dadasaheb	
		Medhe Nilesh Rajendra	
		Navghare Shivam Padmakar	
		Nyalpelli Sushant Ishwar	
		Pagire Vishal Gorakshanath	
		Pandey Abhishekh Akshay	
		Pardeshi Kunal Sunil	
		Repate Abhishekh Sadashiv	
		Salve Shushant Kailas	
		Sathe Pranav Bapusaheb	
		Sayyed Atik Gulam Rasul	
		Shaikh Faizan Nazir	
		Shaikh Izam Sagir	
		Shaikh Najim Salim	
		Shaikh Sarfaraz Abdus Samad	
		Shinde Aniket Ambadas	
		Sonawane Vijay Chandrakant	
		Tapkire Harshwardhan Arun	

Co-ordinator
Internal Quality Assurance Cell
Shri Baneshwar Shikhan Sansthas
Arts, Science and Commerce College
Burhannagar, Ahmednagar

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T.Y.B.A HISTORY	ART-UG-11	1.Avhad Shubham Babaji	
		2. Dudhade Rutuja Ganesh	
		3.Gadhave Akash Baban	
		4.Gondhale Radhey Laveshkumar	
		5.Latapate Ganesh Dharamnath	
		6.Pandit Gauri Viju	
		7.Shika Ayana Kabiroddin	
		8. Shaikh Abran Laxman	
		9. Todmal Megha Laxman	
		10. Tonde Mohini Sanjay	
S.Y.BA S.Y.B.A./B.Com./B.Sc. B.Sc.Computer Science/ B.B.A.(C.A.) ENVIROMENT STUDIES	CS-UG-13	B.Sc (Computer Science)	
		Baraskar Sangram Subhash	
		Bhagat Nilesh Suresh	
		Gaike Rutik Subhhash	
		Honawale Shreyas Dattatray	
		Ingale Vaishnavi Balasaheb	
		Kapare Mahesh Satish	
		Karkhile Shubham Pratap	
		Kshirsagar Kiran Sanjay	
		Mahajan Nayan Sharad	
		Pawar Akash Sharad	
		Sayyed Sharif Ismail	
		Tapkir Ashish Ganpat	
		Thorat Divya Dilip	
		Bhapkar Samruddhi Arvind	
		Bhosale Aniket Suresh	
		Dayama Abhishek Avinash	
		Dhadage Omkar Sanjay	
		Divate Shubham Kailas	
		Funde Dnyneshwar Shivnath	
		Gavhane Sushant Sudam	
		Jawale Saurabh Pratap	
		Kate Om Kailas	
		Khan Safdar Minhaj	
		Kolage Aniket Dadasaheb	
		Medhe Nilesh Rajendrakumar	

		B.B.A. (Computer Application
		Khan Tanvir Shakir
		Darekar Shubham Sahebrao
		Kalapurackal Cyril Shaju
		Harale Rushikesh Waman
		Dinkar Sumit Rajey
		Shaikh Aryan Aqueel Ahmed
		Inamdar Altamash Yusuf
"S.Y.BA S.Y.B.A./B.Com./B.Sc. B.Sc.Computer Science/ B.B.A.(C.A.) ENVIROMENT STUDIES"	COM-UG-12	S.Y.B.Com
		Ajabe Trupti Bapu
		Bansode Sanket Kailas
		Bade Karan Adinath
		Burla Akshay Gopal
		Chaudhari Tejas Shivaji
		Chauhan Siddhant Rajesh
		Chorge Siddhart Santosh
		Dhadge Rutik Dattatraya
		Dhadge Vaishnavi Sanjay
		Dhanawale Akash Ramesh
		Dhotre Suvarna Sikandar
		Dusunge Renuka Balasaheb
		Gaikwad Mahesh Sahebrao
		Gangarde Pratik Ashok
		Gardas Ashwini Ashok
		Ghatvisave Deva Janardhan
		Ghusale Yash Machhindra
		Gondhale Dhanashri Deepak
		Gorade Vikas Nandu
		Gujar Pratiksha Prakash
		Hajare Akshay Sunil
		Hinge Komal Sachin
		Hole Mahesh Anil
		Jadhav Aditya Bhausaheb
		Jadhav Nanabhau Rameshwar
		Jadhav Vishal Rangnath
		Kadam Bhagwat Ishwar
		Kamble Om Anil
		Katariya Riya Chelaram
		Kerulkar Krushna Sunil
		Khan Almin Fairoj
		Khan Faisal Husain
		Kharade Suraj Chandrashekhar
		Khetmalas Utkarsh Balasaheb
		Kshirsagar Om Sunil
		Kulat Anuradha Jalindar

		Lakare Prathamesh Mohan	
		Lanke Dnyaneshwar Bhausaheb	
		Lodhav Vinit Rahul	
		Mandhare Ruchita Shivaji	
		Mohammed Khadar Faiyaj	
		Nagpure Pushkar Rajesh	
		Nalke Savan Sudhir	
		Nanaware Kaveri Chandrakant	
		Nayalpelli Jayant Ishwar	
		Nirgude Abhishek Jayant	
		Pakhare Aniket Bhausaheb	
		Pakhare Shruti Ravindra	
		Panja Mo.d Zaid Mo Amin	
		Pathan Arshad Yusuf	
		Pathan Kalim Ajij	
		Pathare Mahesh Pandurang	
		Pawar Kiran Bhagwat	
		Phadatare Ashok Nandkumar	
		Pohanekar Prasad Shripadrao	
		Raibhan Rahul Shashikant	
		Randhe Sachin Dinkar	
		Rokade Omkar Goraksha	
		Salve Lalit Kiran	
		Satpute Sanika Vishnu	
		Shaikh Hammad Noor Mohammed	
		Shaikh Sajid Sayyadnur	
		Shaikh Saniya Salim	
		Shaikh Tausif Abdul	
		Shelar Pratiksha Satish	
		Shewale Swapnil Anil	
		Surase Swami Vilas	
		Tagadkar Darshan Darasing	
		Trimukhe Aditya Rajendra	
		Vartale Shrinath Sunil	
		Wadekar Omkar Ravsaheb	
		Wagh Shubham Raghunath	
		Wagh Sumant Balasaheb	
		Wagh Tejashri Sandip	
		Waghaskar Devdatta Shyamrao	
		Waghmare Tushar Ramesh	
		Wakchoure Swapnita Sanjay	
		Waman Chaitanya Vijay	
		Wandhekar Vidya Subhash	
		Wavdhane Shubham Raju	
		Zine Pranav Babasaheb	

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ID No. AN/ASC/ 074/2004

S.Y.BA S.Y.B.A./B.Com./B.Sc. B.Sc.Computer Science/ B.B.A.(C.A.) ENVIROMENT STUDIES	ART-UG-11	S.Y.B.A	
		Bhosale Rohan Popat	
		Bhosale Sujit Raman	
		Dhangar Mayuri Manik	
		Fulsaundar Gayatri Babasaheb	
		Gawali Adesh Santosh	
		Hone Tejashri Sandip	
		Jagtap Devendra Bhagwan	
		Kale Akshay Umesh	
		Karale Mayuri Anil	
		Kedar Sangram Babasaheb	
		Khose Gayatri Lala	
		kshirsagar tejas sanjay	
		Latpate Balkrishana Bhausaheb	
		Nagare Usha Chandrakant	
		Netke Diksha Kumar	
		Pathare Rakesh Ramesh	
		Tarte Dhanashri Ankush	
		Bhagat saurabh annasaheb	
		Gaikwad Saurabh Sharad	
		Gavhane Chaitali Bhaskar	
		Jare Shubham Yeshwant	
		khoje rushikesh maroti	
		Kulat Sweta Balasaheb	
		Nimse Sahntanu Popat	
		Rid tejas johnny	
		Salve Aishwarya Vilas	
		sarwan tejas rakesh	
		Sase Gaurav Sanjay	
		Shirsath Sandip Shahu	
		Tapkire Vaishnavi Arun	
		Thorat Vishal Bajirao	
		Avhad Ganesh Jagannath	

Arts, Science and Commerce College Burhannagar, Ahmednagar
ID No. AN/ASC/ 074/2004

		Bhangardive Siddhant Pradip	
		Damawal Shrikant Dipak	
		Dhuwar Pratik Vinod	
		Dhuwar Rutik Vinod	
		Ghorpade Vaibhav Gulabrao	
		Gunjal Snehal Pandurang	
		Kakade Rohan Suresh	
		Khurse Saurabh Balasaheb	
		Khedkar Pranav Suresh	
		lokhande bhau rohidas	
		Palve Krushna Navnath	
		pawar omkar gorakh	
		Shingare Yash Pandurang	
		Bhangardive Devidas Eknath	
		Bhangardive Vishal Sainath	
		Dighe Preeti Machindra	
		Gandhale Sneha Harikisan	
		Gandhale Snehal Harikisan	
		Ghule Shankar Bhiva	
		Kale Priti Manesh	
		Karale Arjun Machhindra	
		karale krushna nandu	
		Pakhare Akshada Jalindar	
		Shaikh Aliya Iqbal	
		Shaikh Johel Gulab	
		Shinde Sagar Baban	
		Shinde Shubhangi Kisan	
		Sonkambale Vishal Rajendra	
		Todmal Harshad Laxman	
		Waman Abhishek Dattatray	

T Y B.COM (INTERNSHIP)	COM-UG-12	Bachkar Sharad Popat	
		Bhosale Akash Gopal	
		Dale Prathmesh Anil	
		Dhadge MAngesh Satish	
		Dhadge Sakshi Ganesh	
		Dhadge Swapnil Sanjay	
		Fulari Priyanka Sunil	
		Ghodake Mayur Maruti	
		Hajare Gaurav Sunil	
		Jadhav Yash Balasaheb	
		Jawale Nishant Vijay	
		Kale Pratiksha Ramesh	
		Karle Sanket Tabaji	
		Kerulkar Gorakh Vitthal	
		Kerulkar Pallavi Sunil	
		Khamkar Pravin Rajaram	
		Latne Monali Rajendra	
		latne siddhi raju	
		More Shubham Subhash	
		Mule Bhagyashri Dnyaneshwar	
		Nandurkar Satyam Vijay	
		Panmalkar Tushar Vsant	
		Pund Akanksha Anil	
		Sarode Abhay Kiran	
		Shinde Varsha Santosh	
		shinde aakansha vijay	
		Tagadkar Manjusha Navnath	
		Urmude Akanksha Rajendra	
		Wagh Chetna Sandip	
		Wagh Pankaj Sabaji	
		Warule Aniket Raosaheb	
		Auti Sagar Dilip	
		bansode suraj balasaheb	
		Barge Yogesh Satish	
		Battin Onkar Anil	
		Berad Akshay Sunil	
		Bhingardive Sarthak Rajaram	
		Borude shivam Giridhar	
		Dagawale Nikhil Subhash	
		Dale Siddharth Sunil	
		Dhadge sunny Dipak	
		Dhawale Nitin Babasaheb	
		Gaike Vishal Sanjay	
		Godalkar Vijay Rvindra	
		Gondhale Anand Nitin	
		kalbhor vivekanand pramod	
		Karale Rushabh Sukhadev	
		Katkar Kartik Dipak	
		Kerulkar Mukund Bapu	
		Khatal Shivam Kailas	
		Khomane Rohan Nandu	
		Mane Abhishek Sanjay	
		Nagare Harshada Subhash	
		Namde Karn Ravindra	
		Pathan Adnan Ajij	
		Pawar Smita Maruti	
		putta digamber arjun	
		Raskar Prashant Ramdas	
		Saswade Avinash Sanjay	
		Shaikh Sahil Bilal	
		Shelar Pratik Sanjay	
		Shelar Disha Pramod	
		Shinde Sandip Ramesh	
		Shinde Omkar Ganesh	
		Shinde Umesh Gorakshanath	
		Shingate Dadasaheb Ramesh	
		Thombe akshay vitthal	
		Waghmare Nilesh Bhausaheb	

T.Y.B.Sc Physics: Project

Program name	Name of the course that include experiential learning through project work/field work/internship	Course Code	Year of offering	Name of the student studied course on experiential learning through project work /field work/internship	Project Name
T.Y.B.Sc (Physics) (CBCS Pattern)	Laboratory course III Project-II	PHY-369	2021 -2022	Bankar Priyanka Suresh	Fm transmitter
				Bhingardive Rohit Shankar	Probe method
				Devkar Aniket Sitaram	Design and construct solar mobile charger
				Deokar Renuka Mahadev	Mass Orbital mission
				Dusunge Aditya Vilas	Methods used by Astronaut to know about space
				Jadhav Rohan Shashikant	AND Gate
				Japkar Ashwini Balasaheb	Wireless power transformer
				Patole Saurabh Sunil	Charging and discharging of capacitor
				Pawar Vipul Devdan	Automatic evening lamp
				Sathe Pratham Vijay	Over temperature indicator
				Shaikh Saniya Chand	Fire alarm
				Thorat Gaurav Jagnnath	AB
				Waman Sonali Nandu	AB

Name: **Sign:**

External Examiner Prof Jagdale Ashwini

Internal Examiner Prof Devyani Lokhande

Arts, Science and Commerce College, Burhannagar, Ahmednagar ID No. AN/ASC/ 074/2004

Program name	Name of the course that include experiential learning through project work/field work/internship	Course Code	Year of offering	Name of the student studied course on experiential learning through project work /field work/internship	Project Name
T.Y.B.Sc (Physics) (CBCS Pattern)	Laboratory course III Project-I	PHY-359	2021 -2022	Bankar Priyanka Suresh	Visitor counter
				Bhingardive Rohit Shankar	Auto clock
				Devkar Aniket Sitaram	Bank locker
				Deokar Renuka Mahadev	Rain water detector
				Dusunge Aditya Vilas	Space shuttle
				Jadhav Rohan Shashikant	Multi door opening alarm
				Japkar Ashwini Balasaheb	Overhead tank water level detector
				Patole Saurabh Sunil	Alcohol detector
				Pawar Vipul Devdan	Freeze sensor
				Sathe Pratham Vijay	Car reversible parking
				Shaikh Saniya Chand	Test of 555 timer
				Thorat Gaurav Jagnnath	Half adder
				Waman Sonali Nandu	AB

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Project sample- physics

Shri Baneshwar Shikshan Sanstha's

SHRI BANESHWAR ARTS, COMMERCE & SCIENCE COLLEGE.

DEPARTMENT OF PHYSICS

Certificate

Class: T.Y.B.Sc.

Academic Year :2021-2022

This is certify that **Shaikh Saniya Chand** has completed the course of Practical in Cartography satisfactory during the year 2021-2022as per requirements.

Date : 28/03/2022

Guide

Head of Department

Head
Department of Physics
A.S. & C. College
Burhannagar, Ahmednagar-414002.

Internal Examiner

External Examiner

Co-ordinator
Internal Quality Assurance Cell
Shri Baneshwar Shikhan Sansthas
Arts, Science and Commerce College
Burhannagar, Ahmednagar

Arts, Science and Commerce College
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Burhannagar, Ahmednagar

Shri Baneshwar Shikshan Sanstha's
Arts, Science and Commerce College, Burhannagar, Ahmednagar
Department of B.Sc.
Academic year 2021-2022
Report of project work

Title of activity	Project work
Place	Department of B.Sc.(physics)
Duration	06 Month(SEM II)
Name of the faculty	Lokhande D.J, Mohd Azmat, Karale K.J, Wakchaure D.Y
Number of participants	13

Summary:

The department of B.Sc. Physics has successfully completed the project work This project work was a part of B.sc physics class T.Y.B.Sc. total 13 student of B.sc physics class T.Y.B.Sc participated in the project work under the guidance of Lokhande D.J, Mohd Azmat, karale K.J, Wakchaure D.Y

Outcome of the project:

1. Students were able to understand the construction and working of their project.
2. Student understood the various method and process followed during project work.

Co-ordinator
Internal Quality Assurance Cell
Shri Baneshwar Shikhan Sansthas
Arts, Science and Commerce College
Burhannagar, Ahmednagar

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Burhannagar, Ahmednagar

Shri Baneshwar Shikshan Sanstha's
Arts, Science and Commerce College, Burhannagar, Ahmednagar
Department of B.Sc.
Academic year 2021-2022
Report of project work

Title of activity	Project work
Place	Department of B.Sc.(physics)
Duration	06 Month(SEM I)
Name of the faculty	Lokhande D.J, Mohd Azmat, Karale K.J, Wakchaure D.Y
Number of participants	13

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Arts, Science and Commerce College
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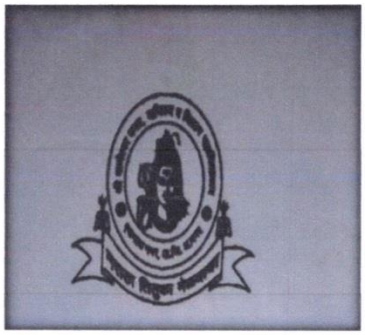
Arts, Science and Commerce College
Burhannagar, Ahmednagar

1



Shri Baneshwar Arts,Science & Commerce college ,Burhannagar , Ahmednagar.

Project Report On

TESTER FOR 555 TIMER

AND

741 OP-AMP-ICs

Under the guidance of

Mrs. wakachure madam

DEPARTMENT OF

PHYSICS

FOR

SAVITRIBAI PHULE PUNE UNIVERSITY

2021-2022

Shri Baneshwar Shikshan Sanstha's

SHRI BANESHWAR ARTS, COMMERCE & SCIENCE COLLEGE.

DEPARTMENT OF PHYSICS

Certificate

Class: T.Y.B.Sc.

Academic Year :2021-2022

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Date : 28/03/2022

Guide

Head of Department

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A.S. & C. College
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Shri Baneshwar Shikhan Sansthas
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Arts, Science and Commerce College
Burhannagar, Ahmednagar

ACKNOWLEDGEMENT

The success and final outcome of this micro project required a lot of guidance and assistance from many mentors, and we are extremely privileged to have this in completion of our work, we have completed our work only due to such dedicated supervision and inspiration. We Express our extreme thanks to our guide Mrs .Wakchaure for the same. They always used to supervise and guide us on the topic of our micro project.

They Helped in completion of our work by providing necessary information, knowledge. They always provided us nice support to complete the work. This work would be incomplete if we won't mention /remember that our respected,Dr.S.S.Jadhav . Principal, Shri Baneshwar Arts, Science & Commerce College Burhanngar and B.Sc of Department who are source of inspiration for us.

They always encourage us in project work, academic work ok as well as extra curricular activities and always gives timely support help till completion of work we are fortunate to thanks all faculty members, laboratory staff, our student friends of B.Sc department and other supporting staff of Arts, Science & Commerce College , Burhanngar, Ahmednagar for their support, help directly/indirectly.

INDEX

INTRODUCTION

"IC Tester of IC 555 & Op-amp IC 741"

Some times you do not get proper output from a circuit due to faulty ICs.

This circuit can test timer 555 and op-amp 741 ICs, which are commonly used in electronics practical laboratories and project work to save you from this problem.

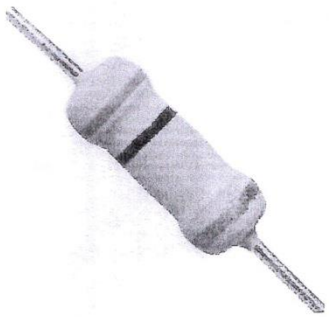
We came up with an idea to construct a chip board with low cost that could be helpful for all to check or test IC 555 and IC 741 whether it is working or not.

This gives confirm message regarding the working of IC 555 and IC 741.

List of components

Sr.No	COMPONENT NAME	VALUE	QUANTITY
1	IC 1-555 timer		1
2	IC 2-741 op-amp		1
3	LED 1-3- 5 mm LED		3
4	**Resisitors**		
	R1	68-kilo-ohm	1
	R2	39-kilo-ohm	1
	R3,R4,R7	1.2-kilo-ohm	3
	R5,R6	4.7-kilo-ohm	2
5	**Capacitors**		
	C1	10uf,25v electrolytic	1
	C2	10nf,ceramic disc	1
6	**Battery.1**	9v battery	1
7	**CON1**	2 pin connector	1
8	**S1,S2**	On/off switch	1

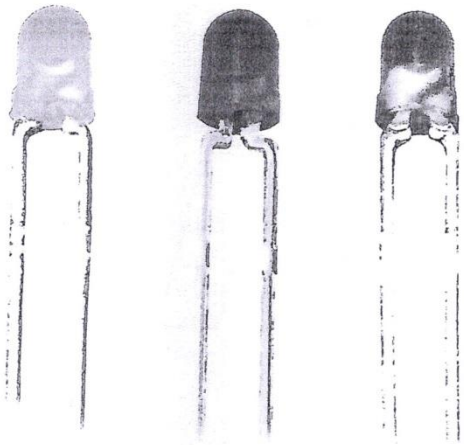
Component Description



Resistor is a passive component used to control current in a circuit. Its resistance is given by the ratio of voltage applied across its terminals to the current passing through it. Thus a particular value of resistor, for fixed voltage, limits the current through it. They are omnipresent in electronic circuits. The different value of resistances are used to limit the currents or get the desired voltage drop according to the current-voltage rating of the device to be connected in the circuit. Resistors can be either fixed or variable. The low power resistors are comparatively smaller in size than high power resistors. The resistance of a resistor can be estimated by their colourcodes or can be measured by a multimeter. There are some non linearresistors also whose resistance changes with temperature or light. Negative temperature coefficient (NTC), positive temperature coefficient (PTC) and light dependent resistor (LDR) are some such resistors. These special resistors are commonly used assensors.

Capacitor

Capacitor is a passive component used to store charge. The charge (q) stored in a capacitor is the product of its capacitance (C) value and the voltage (V) applied to it. Capacitors offer infinite reactance to zero frequency so they are used for blocking DC components or bypassing the AC signals. The capacitor undergoes through a recursive cycle of charging and discharging in AC circuits where the voltage and current across it depends on the RC time constant. For this reason, capacitors are used for smoothing power supply variations.



LED

Light emitting diodes (LEDs) are semiconductor light sources. The light emitted from LEDs varies from visible to infrared and ultraviolet regions. They operate on low voltage and power. LEDs are one of the most common electronic components and are mostly used as indicators in circuits. They are also used for luminance and optoelectronic applications. Based on semiconductor diode, LEDs emit photons when electrons recombine with holes on forward biasing. The two terminals of LEDs are anode (+) and cathode (-) and can be identified by their size. The longer leg is the positive terminal or anode and shorter one is negativeterminal.

A **transistor** is a semiconductor device used to amplify or switch electronic signals and electrical power. It is composed of semiconductor material usually with at least three terminals for connection to an external circuit. A voltage or current applied to one pair of the transistor's terminals controls the current through another pair of terminals. Because the controlled (output) power can be higher than the controlling (input) power, a transistor can amplify a signal. Today, some transistors are packaged individually, but many more are found embedded in integrated circuits.

Austro-Hungarian physicist Julius Edgar Lilienfeld proposed the concept of a field-effect transistor in 1926, but it was not possible to actually construct a working device at that time.[1] The first working device to be built was a point-contact transistor invented in 1947 by American physicists John Bardeen and Walter Brattain while working under William Shockley at Bell Labs. They shared the 1956 Nobel Prize in Physics for their achievement.[2] The most widely used transistor is the MOSFET (metal–oxide–semiconductor field-effect transistor), also known as the MOS transistor, which was invented by Egyptian engineer Mohamed Atalla with Korean engineer Dawon Kahng at Bell Labs in 1959.[3][4][5] The MOSFET was the first truly compact

transistor that could be miniaturised and mass-produced for a wide range of uses.[6]
Transistors revolutionized the field of electronics, and paved the way for smaller and cheaper radios, calculators, and computers, among other things. The first transistor and the MOSFET are on the list of IEEE milestones in electronics.[7][8] The MOSFET is the fundamental building block of modern electronic devices, and is ubiquitous in modern electronic systems.[9] An estimated total of 13 sextillion MOSFETs have been manufactured between 1960 and 2018 (at least 99.9% of all transistors), making the MOSFET the most widely manufactured device in history.[10]
Most transistors are made from very pure silicon, and some from germanium, but certain other semiconductor materials can also be used. A transistor may have only one kind of charge carrier, in a field-effect transistor, or may have two kinds of charge carriers in bipolar junction transistor devices. Compared with the vacuum tube, transistors are generally smaller, and require less power to operate. Certain vacuum tubes have advantages over transistors at very high operating frequencies or high operating voltages. Many types of transistors are made to standardized specifications by multiple manufacturers.

IC 741 OP-AMP

Introduction

The term operational amplifier or "op-amp" refers to a class of high-gain DC coupled amplifiers with two inputs and a single output.

The modern integrated circuit version is typified by the famous 741 op-amp.

Some of the general characteristics of the IC versionare:

- High gain, on the order of amillion
- High input impedance, low outputimpedance
- Used with split supply, usually +/-15V
- Used with feedback, with gain determined by the feedbacknetwork

The Operational Amplifier is probably the most versatile Integrated Circuit available. It is very cheap especially keeping in mind the fact that it contains several hundred components. The most common Op-Amp is the 741 and it is used in many circuits.

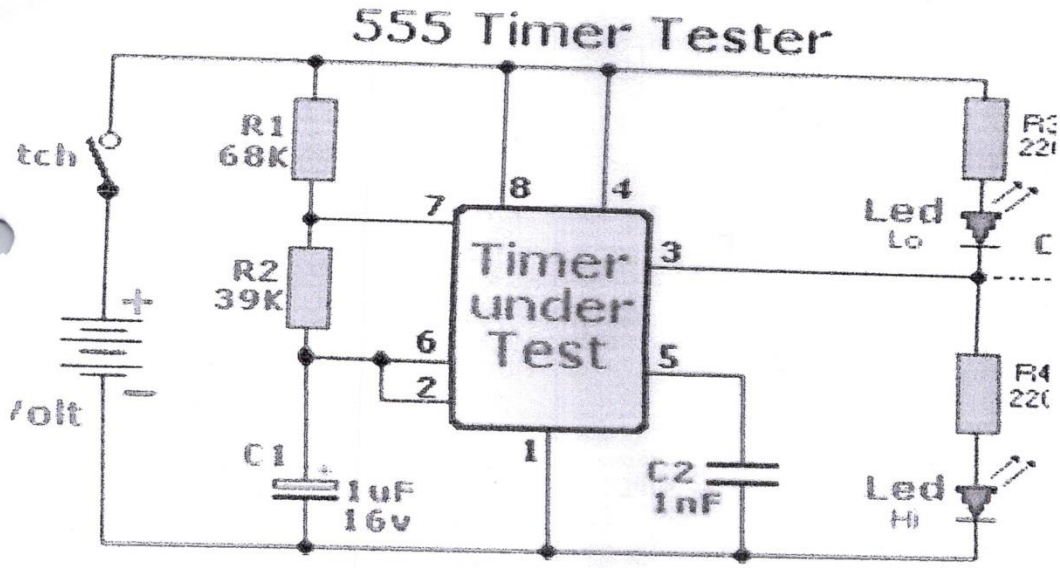
The OP-AMP has two inputs, INVERTING (-) and NON-INVERTING (+), and one output at pin 6.

WORKING OF IC 555 TESTER

555-tester above is basically a led flasher circuit but with the 555 removed. Imagen the output being a square-wave pulse with a high and low pulse, and is so indicated by the two LEDs, one 'Hi' and the other one 'Lo'.

When you have a good 555 under test, the hi and lo LEDs are flashing steadily. If you have a defective 555 you may get both LEDs off, one or both on steady, or one or both on faintly. In all these case the 555 is defective. Oh yeah, just in case you are just starting out in electronics; do NOT insert a 555 (or take it out) with the power on. The flash-rate can be changed with different values for C1 and R2. Try it, its fun. At pin 5 there is a small ceramic 10nF capacitor. It is just there to filter out any noise and is optional.

Experiment with leaving C2 out. C2 can be a value of 0.001 to 0.01µF, but the latter is the most common value. The datasheet for the 555 documentation specifies to use a general purpose ceramic 0.01µF capacitor functions.

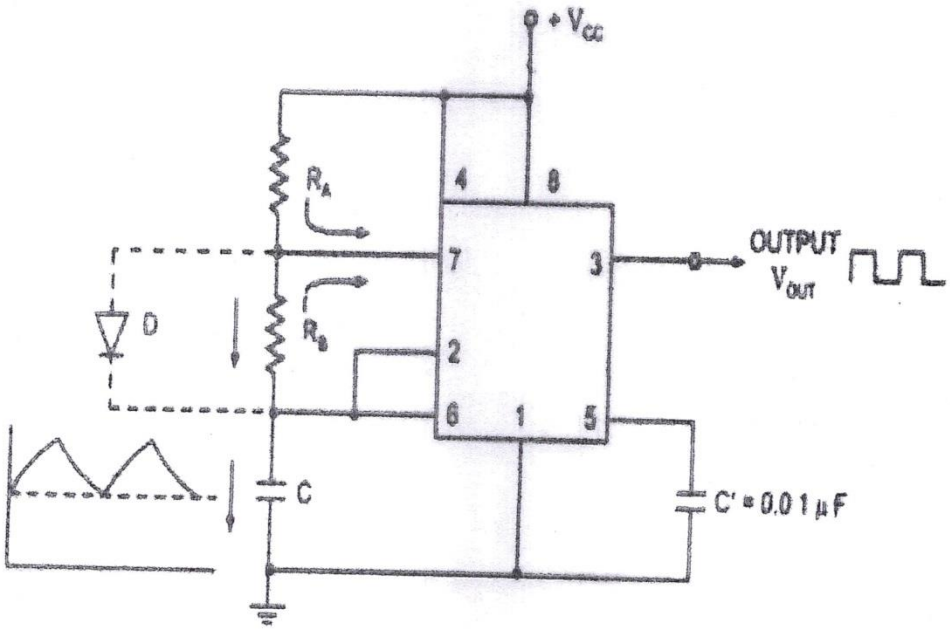


Features of 741 IC

1. Short circuit and overload protectionprovided.
2. Low powerconsumption.
3. Large common mode rejection ratio (CMRR) and differential voltageranges.
4. No latch-upproblem.

555 Timer as an Astable Multivibrator

An astable multivibrator, often called a free-running multivibrator, is a rectangular-wave generating circuit. Unlike the monostable multivibrator, this circuit does not require any external trigger to change the state of the output, hence the name free-running.



Circuit of The Timer 555 as an Astable Multivibrator

Astable MultivibratorOperation

Fig shows the timer coonected as an astable multivibrator.

Initially, when the output is high, capacitor C starts charging towards Vcc through Ra and Rb.

The time during which the capacitor C charges from 1/3 Vcc to 2/3 Vcc is equal to the time the output is high and is givenas

$$Tc/Thigh = 0.693\ (R_A + R_B)\ C$$

In our circuit

where, Ra=68k

Rb=39k

C=10uf=

Tc=0.69(68+39)10^3*10*10^-6

=0.07383

Now where R_A and R_B are in ohms and C is in farads.

The time during which the capacitor discharges from +2/3 V cc to +1/3 Vcc is equal to the time the output is low and is givenas

$$Td/Tlow = 0.693\ R_B\ C$$

Td=0.693(39)10^3*10*10^-6

=0.27027

Overall period of oscillations,

$$T = T_{HIGH} + T_{LOW} = 0.693\ (R_A + 2R_B)\ C$$

T=0.693(68+2(39))10*10^-6

=1.01178

The frequency of oscillations being the reciprocal of the overall period of oscillations T is givenas

$F = 1/T = 1.44/(R_A + 2R_B)C$

F=1/T=1.44/(68+2(39))*10^3*10*10^-6

F=1.44/1.46

F= 1HZ

OUTPUT

This circuit can test timer 555 AND we got led proper output from a circuit.

LED1 glows when pin 3 is high, LED2 glows when pin 3 is low.

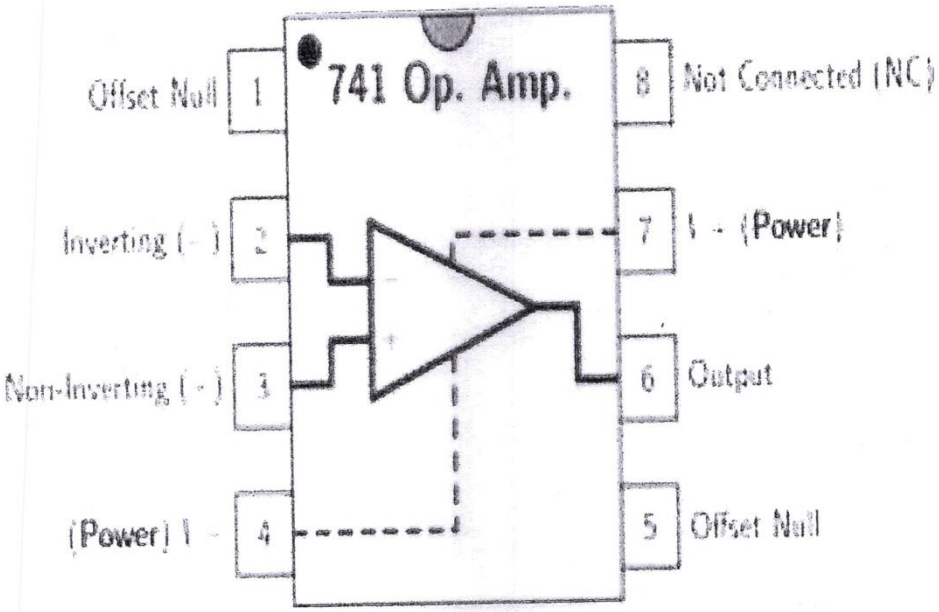
This indicates that the 555 timer under test is in good condition

supply). Pin 8: NoConnection.

If the voltage goes into pin two then it is known as an INVERTINGAMPLIFIER.

If the voltage goes into pin three then the circuit becomes a NON-INVERTING AMPLIFIER.

Pin Description



It is a 8-pin dual-in-line package with a pinout shown above. Pin 1: Offset null.

Pin 2: Inverting input terminal.

Pin 3: Non-inverting input terminal.

Pin 4: –VCC (negative voltage supply). Pin 5: Offset null.

Pin 6: Outputvoltage.

Pin 7: +VCC (positive voltage

Ways to use The 741

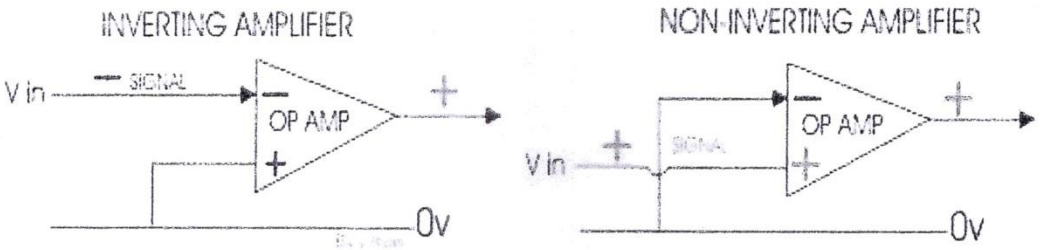
1. **An inverting amplifier**. Leg two is the input and the output is alwaysreversed.

   In an inverting amplifier the voltage enters the 741 chip through leg two and comes out of the 741 chip at leg six. If the polarity is positive going into thechip,
   it negative by the time it comes out through leg six. The polarity has been 'inverted'.

2. **A non-inverting amplifier.** Leg three is the input and the output isnot reversed.

   In a non-inverting amplifier the voltage enters the 741 chip through leg three and leaves the 741 chip through leg six. This time if it is positive going into the 741 then it is still positive coming out. Polarity remains the same.

Theoretical background



The gain of the inverting amplifier is simply given by A = –

Rf/ R 1 The gain of the non-inverting amplifier is given by A

= R1 + Rf/ R1

OUTPUT

After closing switch S2 we are testing for IC 741 AND we got output if LED3 glows properly then 741 is in goodcondition.

Circuit Diagram

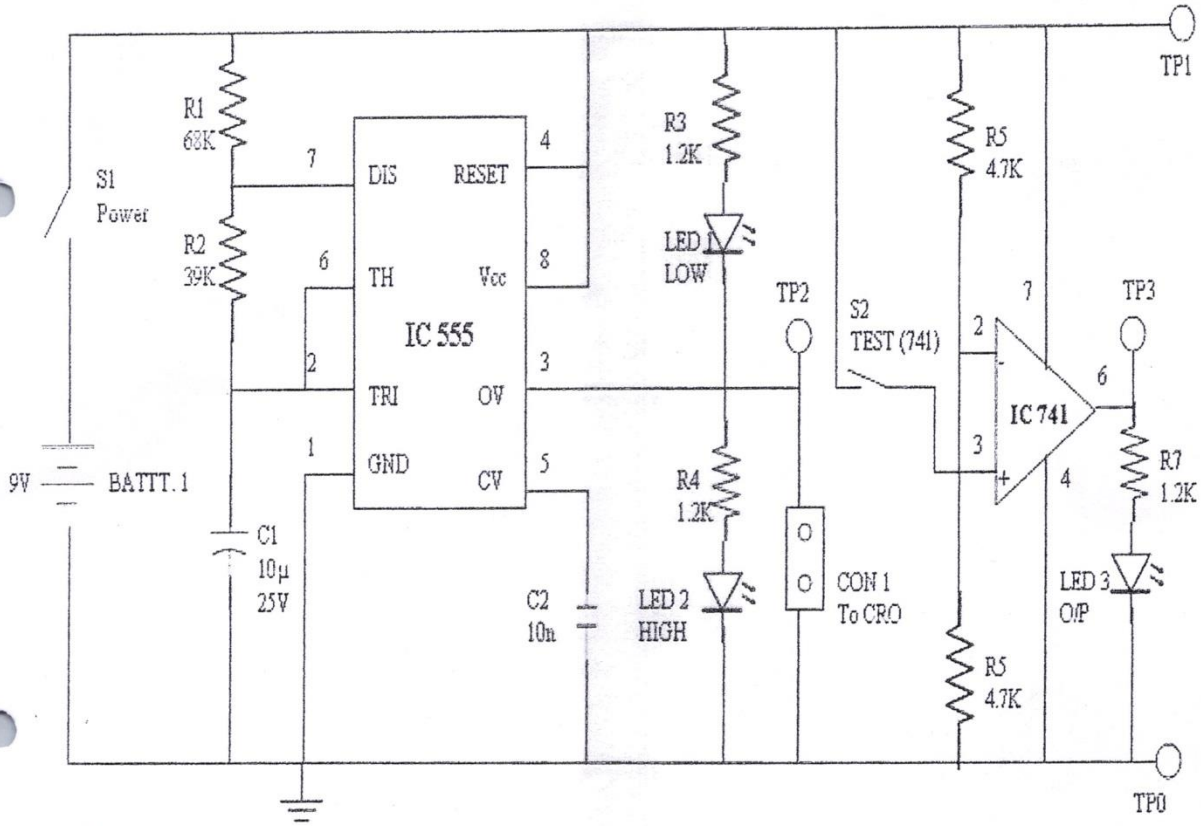
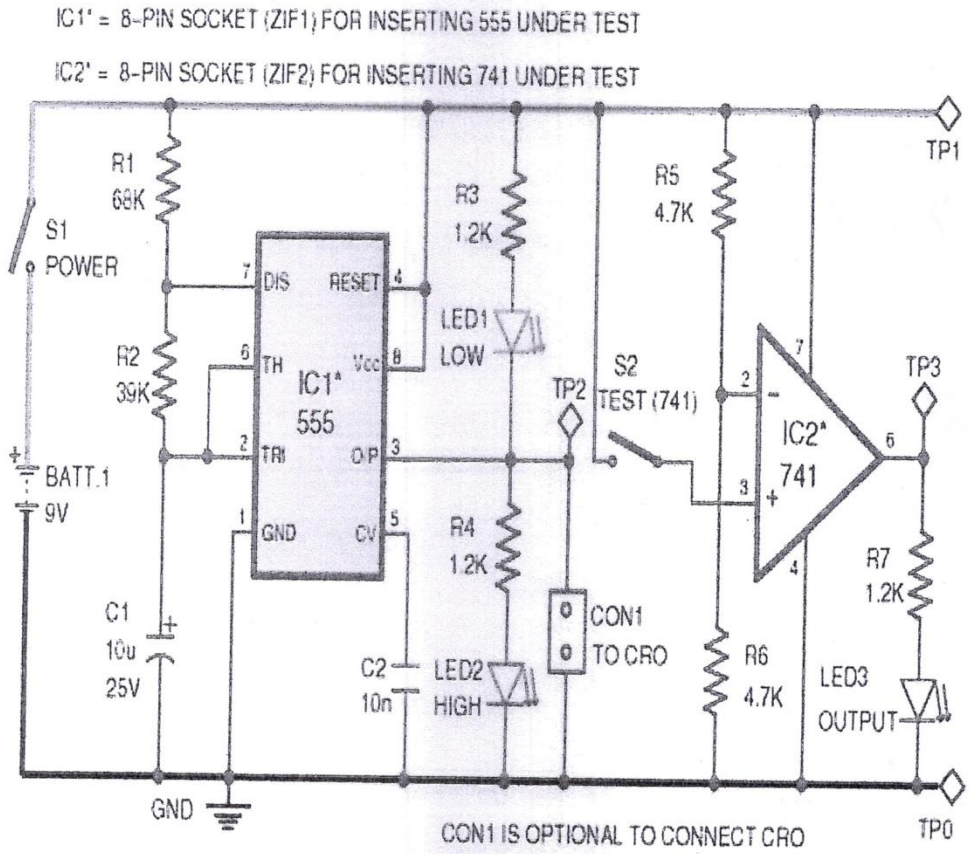


Figure: Circuit diagram of IC Tester

- **Circuit and working**

shows circuit diagram of the tester which is built around the very 555 timer (IC1) and the op-amp 741 (IC2) that are to be tested. IC1 is wired as astable multivibrator with output
frequency of around 1Hz. Resistors R1 and R2 and capacitor C1 are the timing components that decide output frequency. You can change 1Hz frequency by changing values of these components.



Circuit diagram of 555 and 741 ICs tester

The 555 tester section is basically an LED flasher circuit. Square-wave output at pin 3 of IC1 drives LED1 and LED2 which glow alternately. That is, when pin 3 is low, LED1 glows and when pin 3 is high, LED2 glows. This indicates that the 555 timer under test is in good condition. If the 555 is faulty, both the LEDs mayremain off or glow dimly, or one or both of them

may glow continuously. Between pin 5 of IC1 and ground a 10nF ceramic capacitor (C2) is used to filter out any noise.

The 741 tester section is wired in a simple comparator mode. Around half of the supply voltage is produced through divider circuit comprising resistors R5 and R6 at inverting input pin 2 of IC2.

For testing 741, close switch S2, if LED3 glows properly the 741 is in good condition.

ApplicationUsed

- Industrialinstrumentation
- Signalprocessing
- In Electronic Laboritories for ictestingpurpose

PROJECTANALYSIS

Conclusion

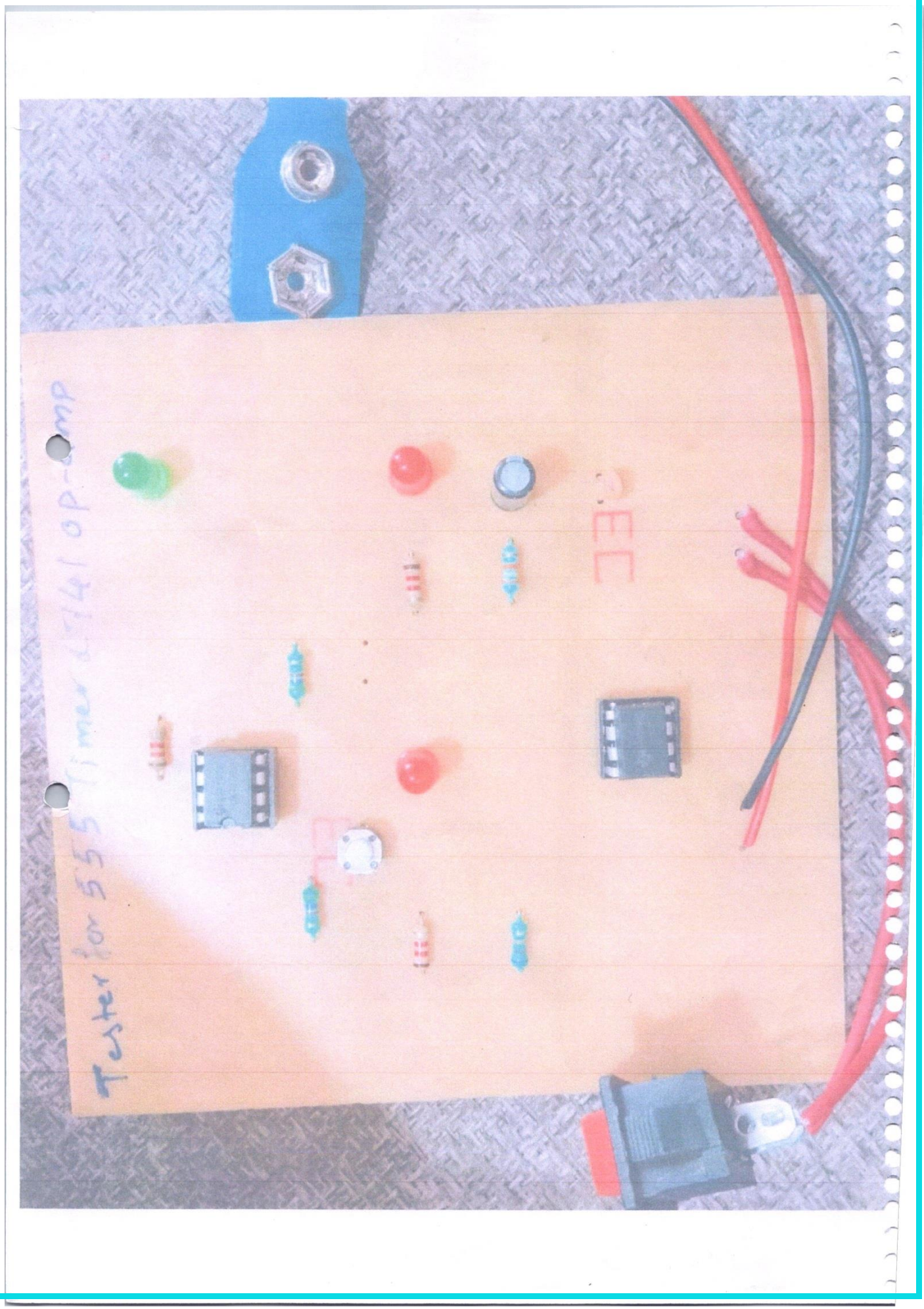
We came up with an idea to construct a chip board with low cost that could be helpful for all to check or test IC 555 and IC 741 whether it is working or not.

This gives confirm message regarding the working of IC 555 and IC 741.

REFERANCE

: TechnicalBooks

: WebAddress


Tester for 555 Timer & 741 OP-AMP

Thank You ...

Savitribai Phule Pune University, Pune

T.Y.B.Sc. (Computer Science) Semester VI (2019 CBCS Pattern)

Practical Examination April/March 2022

Attendance List

Name of the College: Art's, Science and Commerce College, Burhannagar, Ahmednagar **College Code:** 0752

Subject: (CS-3611: SECC) Project **Date:** 09/06/2022 **Time :**10.00 am to 01.00 pm

Batch II

Sr. No.	Seat No.	Name of Students	Project name	Front-End	Back-End
1	655	Pagire Vishal Gorakshanath	E-Store	Html,Css, Javascript	Python
2	656	Pandey Abhishekh Akshay	Car Rental System	.Net	MY SQL
3	657	Pardeshi Kunal Sunil	Online shopping	PHP	PostgreySQL
4	658	Repate Abhishekh Sadashiv	Hotel Room Reservation/Booking System	Django 2.0	MYSQL
5	659	Salve Shushant Kailas	-	-	-
6	660	Sathe Pranay Bapusaheb	Car Rental System	.Net	MY SQL
7	661	Sayyed Atik Gulam Rasul	Web hub Technology	Java	MYSQL
8	662	Shaikh Faizan Nazir	Online Hotel booking	Php,html,css	My Sql
9	663	Shaikh Izam Sagir	Hotel Room Reservation/Booking System	Django 2.0	MYSQL
10	664	Shaikh Najim Salim	Web hub Technology	Java	MYSQL
11	665	Shaikh Sarfaraz Abdus Samad	Web hub Technology	Java	MYSQL
12	666	Shinde Aniket Ambadas	E-Store	Html,Css, Javascript	Python
13	667	Sonawane Vijay Chandrakant	Hotel Room Reservation/Booking System	Django 2.0,html	MYSQL
14	668	Tapkire Harshwardhan Arun	Online shopping	PHP	PostgreySQL

	Name:	Sign:
External Examiner	Prof. Kutal P.R	
Internal Examiner	Prof. Kale V.A.	

Arts, Science and Commerce College, Burhannagar, Ahmednagar — ID No. AN/ASC/074/2004

PRINCIPAL
Arts, Science and Commerce College
Burhannagar, Ahmednagar

Savitribai Phule Pune University, Pune

T.Y.B.Sc. (Computer Science) Semester VI (2019 CBCS Pattern)
Practical Examination April/March 2022
Attendance List

Name of the College: Art's, Science and Commerce College, Burhannagar, Ahmednagar **College Code:** 0752
Subject: (CS-3611: SECC) Project **Date:** 09/06/2022 **Time :**10.00 am to 01.00 pm

Batch I

Sr. No.	Seat No.	Name of Students	Project Name	Front-End	Back-End
1	641	Bhapkar Samrudhi Arvind	Online shopping	PHP	PostgreySQL
2	642	Bhosale Aniket Suresh	-	-	-
3	643	Dayama Abhishek Avinash	Online shopping	PHP	PostgreySQL
4	644	Dhadge Omkar Sanjay	Online Hotel booking	Php, html, Css	My Sql
5	645	Divate Shubham Kailas	Fees manegment system	php	Mysql
6	646	Funde Dnyaneshwar Shivnath	Online banking system	Java	Postgresql
7	647	Gavhane Sushant Sudam	Online banking system	Java	Postgresql
8	648	Jawale Saurabh Pratap	E-Store	Html,Css,Javascript	Python
9	649	Kate Om Kailash	-	-	-
10	650	Khan Safdar Minhaj	Online banking system	Java	Postgresql
11	651	Kolge Aniket Dadasaheb	Fees manegment system	php	Mysql
12	652	Medhe Nilesh Rajendra	Car Rental System	.Net	MY SQL
13	653	Navghare Shivam Padmakar	Fees manegment system	php	Mysql
14	654	Nyalpelli Sushant Ishwar	Online Hotel booking	Php,html,css	My sql

	Name:	Sign:
External Examiner	Prof. Kutal P.R	
Internal Examiner	Prof. Kale V.A.	

Arts, Science and Commerce College, Burhannagar, Ahmednagar — ID No. AN/ASC/074/2004

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ARTS, SCIENCE & COMMERCE COLLEGE

(EKNATHNAGAR) AHMEDNAGAR BURAHANAGAR

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is certified that the project title "**CAR RENTAL SYSTEM**" has been completed successfully by **Mr. ABHISHEK AKSHAY PANDEY, Mr.NILESH RAJENDRAKUMAR MEDHE & Mr. PRANAY BAPUSAHEB SATHE** for the practical fulfilment of Department of Computer Science as laid down by the Pune University during Academic Year 2021-2022.

Place: Ahmednagar

Date:

Practical In charge

Head
Department of Computer Science
A.S. & C. College
Burhannagar, Ahmednagar-414002.

Head of Department

Internal Examiner's

External Examiner's

T.Y.B.Sc History: Project list

Shri Baneshwar Arts, Comm. & Science College, Burhannagar, Ahmednagar

T.Y.B.A. student list 2021-22
Sub- History (Applied History S3)
Ahmednagar - Historical places

Sr.no.	Name of the student	Phone no.	Address	Project Name	Seat No
1.	Avhad Shubham Babaji	8080330257	Avhadwadi	Damdi Majjid, Tank Museum, Faryabag, Aalamgir , Chandbibi Mahal	70447
2.	Dudhade Rutuja Ganesh	9420151566	Burhannagar	Damdi Majjid, Tank Museum, Faryabag, Aalamgir , Chandbibi Mahal	70448
3.	Gadhave Akash Baban	7030017233	Avhadwadi	Damdi Majjid, Tank Museum, Faryabag, Aalamgir , Chandbibi Mahal	70449
4.	Gondhale Radhey Laveshkumar	9421900707	Maliwada	Damdi Majjid, Tank Museum, Faryabag, Aalamgir , Chandbibi Mahal	70450
5.	Latpate Ganesh Dharmnath	7083795018	Avhadwadi	Damdi Majjid, Tank Museum, Faryabag, Aalamgir , Chandbibi Mahal	70451
6.	Pandit Gauri Viju	8767557873	Bhingar	Damdi Majjid, Tank Museum, Faryabag, Aalamgir , Chandbibi Mahal	70453
7.	Shaikh Aayan Kabiroddin	7499110160	Burhannagar	Damdi Majjid, Tank Museum, Faryabag, Aalamgir , Chandbibi Mahal	70455
8.	Shaikh Abrar Ikbal	7709072767	Ahmednagar	Damdi Majjid, Tank Museum, Faryabag, Aalamgir , Chandbibi Mahal	70454
9.	Todmal Megha Laxman	9067796778	Kapurwadi	Damdi Majjid, Tank Museum, Faryabag, Aalamgir , Chandbibi Mahal	70456
10.	Tonde Mohini Sanjay	7038722198	Astgaon	Damdi Majjid, Tank Museum, Faryabag, Aalamgir , Chandbibi Mahal	70457

Co-ordinator
Internal Quality Assurance Cell
Shri Baneshwar Shikhan Sansthas
Arts, Science and Commerce College
Burhannagar, Ahmednagar

Head
Department of History
A.S. & C... College
Burhannagar, Ahmednagar-414001

Certificate History

प्रमाणपत्र

असे प्रमाणित करण्यात येते की कु/श्री/ कुमारी पंडित गौरी विजय याने/तिने टी. वाय. बी.ए शैक्षणिक वर्ष 2021-22 परिक्षा क्रमांक 70453 'इतिहासाची तोंडओळख' या विषया अंतर्गत "अहमदनगर-ची (शहरातील) ऐतिहासिक स्थळे भेट" हा अहवाल सादर केला आहे.

विद्यार्थ्याची सही
Pandit.

विषय शिक्षक

बहिःस्थ पर्यवेक्षक

Head
Department of History
A.S. & C. College
Burhannagar, Ahmednagar-414002.

S.Y.B.A STUDENT LIST

Shri Baneshwar Arts, Science and Commerce College Burhannagar Tal & Dist Ahemdnagar

S..YB.A. Student List 2021-22 Environmental Studies

Sr.no	Name of Student	Project Name
1	Bhosale Rohan Popat	Global Warming
2	Bhosale Sujit Riman	Population
3	Dhangar Mayuri Manik	Air Pollution
4	Fulsaundar Gayatri Babasaheb	Global Warming
5	Gawali Adesh Santosth	Climate Change
6	Hone Tejashri Sandip	Deforestation
7	Jagtap Devendra Bhagwan	Renewable Energy resources
8	Kale Akshay Umesh	Forest Breck
9	Karale Mayuri Anil	Global Warming
10	Kedar Sangram Babasaheb	Global Warming
11	Khose Gayatri Lala	Global Warming
12	kshirsagar tejas sanjay	Renewable Energy resources
13	Latpate Balkurshana Bhausaheb	Global Warming
14	Nagare Usha Chandrakant	Population Growth
15	Netke Diksha Kumar	Climate Change
16	Pathare Rakesh Ramesh	Renewable Energy resources
17	Tarte Dhanashri Ankush	Climate Change

Shri Baneshwar Arts, Science and Commerce College Burhannagar Tal& Dist Ahemdnagar

S.Y.B.A. Student List 2021-22 Environmental Studies

Sr.no	Name of Student	Project Name
1	Bhagat saurabh annasaheb	Ecosystem
2	Gaikwad Saurabh Sharad	Global Warming
3	Gavhane Chaitali Bhaskar	Renewable Energy resources
4	Jare Shubham Yeshwant	Renewable Energy resources
5	khoje rushikesh maroti	Deforestation
6	Kulat Sweta Balasaheb	Renewable Energy resources
7	Nimse Sahntanu Popat	Pollution
8	Rid tejas johnny	Renewable Energy resources
9	Salve Aishwarya Vilas	WasteManagement
10	Sarwan tejas rakesh	Pollution
11	Sase Gaurav Sanjay	Deforestation
12	Shirsath Sandip Shahu	Global Warming
13	Tapkire Vaishnavi Arun	Pollution
14	Thorat Vishal Bajirao	Water Pollution
15	Waman Abhishek Dattatray	Global Warming

Arts, Science and Commerce College ID No. AN/ASC/ 074/2004 Burhannagar, Ahmednagar

Co-ordinator
Internal Quality Assurance Cell
Shri Baneshwar Shikhan Sansthas
Arts, Science and Commerce College
Burhannagar, Ahmednagar

Shri Baneshwar Arts, Science and Commerce College Burhannagar Tal & Dist Ahemdnagar

SYBA Student List 2021-22 Environment Science

Sr.no	Name of Student	Project Name
1	Avhad Ganesh Jagnnath	Climate Change
2	Bhingardive Siddhant Pradip	Population Growth
3	Daimiwal Shrikant Dipak	Water Conservation and Management
4	Dhiwar Pratik Vinod	Pollution
5	Dhiwar Rutik Vinod	Population Growth
6	Ghorpade Vaibhav Gulabrao	Pollution
7	Gunjal Snehal Pandurang	Climate Change
8	Kakade Rohan Suresh	Population Growth
9	Kharse Saurabh Balasaheb	Pollution
10	Khedkar Pranav Suresh	Climate Change
11	lokhande bhau rohidas	Water Pollution
12	Palve Krushna Navnath	Population Growth
13	pawar omkar gorakh	Pollution
14	Shingare Yash Pandurang	Climate Change

Shri Baneshwar Arts, Science and Commerce College Burhannagar Tal & Dist Ahemdnagar

SYBA Student List 2021-22 Environment Science

Sr.no	Name of Student	Project Name
1	Bhingardive Devidas Eknath`	Pollution
2	Bhingardive Vishal Sainath	Climate Change
3	Dighe Preeti Machindra	Noise Pollution
4	Gandhale Sneha Harikisan	Population Growth
5	Gandhale Snehal Harikisan	Deforestation
6	Ghule Shankar Bhiva	Population Growth
7	Kale Priti Manesh	Deforestation
8	Karale Arjum Machhindra	Population Growth
9	karale krushna nandu	Deforestation
10	Pakhare Akshada Jalindar	Pollution
11	Shaikh Aliya Iqbal	Pollution
12	Shaikh Johel Gulab	Population Growth
13	Shinde Sagar Baban	Climate Change
14	Shinde Shubhangi Kisan	Wildlife Ecology
15	Sonkambale Vishal Rajendra	Endangered Animals
16	Todmal Harshad Laxman	Deforestation

S.Y.B.Sc student list (Envioroment)

Shri Baneshwar Shikshan Sanstha's

Arts, Science and Commerce College, Burhannagar, Ahmednagar

Academic Year 2021-2022

S.Y. B. Sc. (Computer Science) Student List

(Environmental studies)

Sr. No.	Name of Students	Project title
1	Baraskar Sangram Subhash	Pollution
2	Bhagat Nilesh Suresh	Pollution
3	GaikeRutikSubhhash	Pollution
4	Honawale Shreyas Dattatray	Pollution
5	Ingale Vaishnavi Balasaheb	Pollution
6	Kapare Mahesh Satish	Pollution
7	Karkhile Shubham Pratap	Pollution
8	Kshirsagar Kiran Sanjay	Pollution
9	Mahajan Nayan Sharad	Pollution
10	Pawar Akash Sharad	Pollution
11	Sayyed Sharif Ismail	Pollution
12	Tapkir Ashish Ganpat	Pollution
13	ThoratDivyaDilip	Pollution
14	BhapkarSamruddhi Arvind	Pollution
15	Bhosale Aniket Suresh	Pollution
16	Dayama Abhishek Avinash	Pollution
17	Dhadage Omkar Sanjay	Pollution
18	Divate Shubham Kailas	Pollution
19	FundeDnyneshwarShivnath	Pollution
20	Gavhane Sushant Sudam	Pollution
21	Jawale Saurabh Pratap	Pollution
22	Kate Om Kailas	Pollution
23	Khan Safdar Minhaj	Pollution
24	Kolage Aniket Dadasaheb	Pollution
25	Medhe Nilesh Rajendrakumar	Pollution

Co-ordinator
Internal Quality Assurance Cell
Shri Baneshwar Shikhan Sansthas
Arts, Science and Commerce College
Burhannagar, Ahmednagar

Arts, Science and Commerce College Burhannagar, Ahmednagar
ID No. AN/ASC/ 074/2004

PRINCIPAL
Arts, Science and Commerce College
Burhannagar, Ahmednagar

S.Y.B.B.A student list (Envioroment)

Shri Baneshwar Shikshan Sanstha's

Arts, Science and Commerce College, Burhannagar, Ahmednagar

Academic Year 2021-2022

S.Y. B.B.A. (Computer Science) Student List

(Environmental studies)

Sr. No.	Name of Students	Project title
1	Khan Tanvir Shakir	Pollution
2	Darekar Shubham Sahebrao	Pollution
3	Kalapurackal Cyril Shaju	Pollution
4	Harale Rushikesh Waman	Pollution
5	Dinkar Sumit Rajey	Pollution
6	Shaikh Aryan Aqueel Ahmed	Pollution
7	Inamdar Altamash Yusuf	Pollution

Arts, Science and Commerce College • Burhannagar, Ahmednagar • ID No. AN/ASC/ 074/2004

S.Y.B.COM student list

Shri Baneshwar Shikshan Sanstha's

Arts, Science and Commerce College, Burhannagar, Ahmednagar

Academic Year 2021-2022

S.Y.B.Com Student List (Environmental studies)

Sr. No.	Name Of Student	Project title
1	Bansode Sanket Kailas	Water management
2	Chaudhari Tejas Shivaji	Global warming
3	Dhadge Rutik Dattatraya	Pollution
4	Dhadge Vaishnavi Sanjay	Pollution
5	Dhanawale Akash Ramesh	Pollution
6	Dhotre Suvarna Sikandar	Pollution
7	Gangarde Pratik Ashok	Water management
8	Ghusale Yash Machhindra	Water management
9	Gondhale Dhanashri Deepak	Pollution
10	Gujar Pratiksha Prakash	Water management
11	Hajare Akshay Sunil	Water management
12	Hinge Komal Sachin	Deforestation
13	Hole Mahesh Anil	Temperature change
14	Jadhav Vishal Rangnath	Water management
15	Kadam Bhagwat Ishwar	Pollution
16	Kamble Om Anil	Pollution
17	Kerulkar Krushna Sunil	Pollution
18	Kharade Suraj Chandrashekhar	Water management
19	Khetmalas Utkarsh Balasaheb	Pollution increases
20	Kulat Anuradha Jalindar	Pollution
21	Mandhare Ruchita Shivaji	Ecosystem
22	Pakhare Shruti Ravindra	Water management
23	Pathan Arshad Yusuf	Pollution
24	Pohanekar Prasad Shripadrao	Pollution
25	Raibhan Rahul Shashikant	Deforestation
26	Randhe Sachin Dinkar	Deforestation
27	Salve Lalit Kiran	Pollution

Arts, Science and Commerce College ID No. AN/ASC/074/2004 Burhannagar, Ahmednagar

Sr. No.	Name Of Student	Project title
28	Satpute Sanika Vishnu	Ozone layer depletion
29	Shelar Pratiksha Satish	Pollution
30	Tagadkar Darshan Darasing	Pollution
31	Trimukhe Aditya Rajendra	Pollution
32	Wagh Sumant Balasaheb	Pollution
33	Waghaskar Devdatta Shyamrao	Pollution
34	Waghmare Tushar Ramesh	Pollution
35	Wakchoure Swapnita Sanjay	Water management
36	Wandhekar Vidya Subhash	Pollution
37	Wavdhane Shubham Raju	Pollution
38	Zine Pranav Babasaheb	Pollution
39	Ajabe Trupti Bapu	Bird observation
40	Bade Karan Adinath	Pollution
41	Burla Akshay Gopal	Garbage management
42	Chauhan Siddhant Rajesh	Pollution
43	Chorge Siddhart Santosh	Pollution
44	Dusunge Renuka Balasaheb	Deforestation
45	Gaikwad Mahesh Sahebrao	Pollution
46	Gardas Ashwini Ashok	Pollution
47	Ghatvisave Deva Janardhan	Pollution
48	Gorade Vikas Nandu	Pollution
49	Jadhav Aditya Bhausaheb	Pollution
50	Jadhav Nanabhau Rameshwar	Pollution
51	Katariya Riya Chelaram	Population growth
52	Khan Almin Fairoj	Garbage management
53	Khan Faisal Husain	Pollution
54	Kshirsagar Om Sunil	Pollution

Arts, Science and Commerce College
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Sr. No.	Name Of Student	Project title
55	Lakare Prathamesh Mohan	Pollution
56	Lanke Dnyaneshwar Bhausaheb	Pollution
57	Lodhav Vinit Rahul	Pollution
58	Mohammed Khadar Faiyaj	Pollution
59	Nagpure Pushkar Rajesh	Pollution
60	Nalke Savan Sudhir	Pollution
61	Nanaware Kaveri Chandrakant	Pollution
62	Nayalpelli Jayant Ishwar	Pollution
63	Nirgude Abhishek Jayant	Pollution
64	Pakhare Aniket Bhausaheb	Pollution
65	Panja Mo.d Zaid Mo.Amin	Deforestation
66	Pathan Kalim Ajij	Pollution
67	Pathare Mahesh Pandurang	Pollution
68	Pawar Kiran Bhagwat	Pollution
69	Phadatare Ashok Nandkumar	Pollution
70	Rokade Omkar Goraksha	Pollution
71	Shaikh Hammad Noor Mohammed	Global warming
72	Shaikh Sajid Sayyadnur	Pollution
73	Shaikh Saniya Salim	Pollution
74	Shaikh Tausif Abdul	Deforestation
75	Shewale Swapnil Anil	Pollution
76	Surase Swami Vilas	Pollution
77	Vartale Shrinath Sunil	Pollution
78	Wadekar Omkar Ravsaheb	Water management
79	Wagh Shubham Raghunath	Pollution
80	Wagh Tejashri Sandip	Water management
81	Waman Chaitanya Vijay	Pollution

T.Y.B.COM student list Internship

SHRI BANESHWAR SHIKSHAN SATHA'S

ART'S, SCIENCE AND COMMERCE COLLEGE, BURHANNAGAR, AHMADNAGAR

T.Y.B.COM INTERNSHIP PROJECT LIST 2021-22

SR.No.	Name of student	COMPANY/ SHOPE NAME	Duration		TIME IN HRS.
Cost and work accounting -II & III 365H & 366H			from	to	
1	Bachkar Sharad Popat				
2	Bhosale Akash Gopal	Baneshwar Florist, ahmadnagar	3/25/2022	30/4/2022	60
3	Dale Prathmesh Anil	hotel Classic inn, ahmadnagar	3/25/2022	4/11/2022	60
4	Dhadge MAngesh Satish	dhanesh traders ahmednagr	3/25/2022	4/11/2022	60
5	Dhadge Sakshi Ganesh	Shri siddhivinayak Medical, ahmadnagar	11/15/2022	12/20/2022	60
6	Dhadge Swapnil Sanjay	hira strationary bhingar, ahmadnagar	3/25/2022	4/30/2022	60
7	Fulari Priyanka Sunil	hira strationary bhingar, ahmadnagar	3/25/2022	30/4/2022	60
8	Ghodake Mayur Maruti				
9	Hajare Gaurav Sunil				
10	Jadhav Yash Balasaheb				
11	Jawale Nishant Vijay	Aditya Raj electronics, shendi , ahmadnagar	26/3/2022	30/4/2022	60
12	Kale Pratiksha Ramesh	dhanesh traders ahmednagr	3/25/2022	4/11/2022	60
13	Karle Sanket Tabaji	Malhar Traders, ahmadnagar	3/25/2022	4/30/2022	60
14	Kerulkar Gorakh Vitthal	Sopanrav Wadewale, ahmadnagar	3/25/2022	4/8/2022	60
15	Kerulkar Pallavi Sunil	Sopanrav Wadewale, ahmadnagar	3/25/2022	4/30/2022	60
16	Khamkar Pravin Rajaram	dhanesh traders ahmednagr	3/25/2022	4/11/2022	60
17	Latne Monali Rajendra	Gundecha Agency(Wholsale Medical Shop), ahmadanagar	3/10/2022	4/30/2022	60
18	latne siddhi raju	Shaha Brothers Agency, ahmadnagar	3/10/2022	4/30/2022	60
19	More Shubham Subhash	hira strationary bhingar, ahmadnagar	26/3/2022	30/4/2022	60
20	Mule Bhagyashri Dnyaneshwar	Sopanrav Wadewale, ahmadnagar	3/25/2022	4/30/2022	60
21	Nandurkar Satyam Vijay	Tukai Dhannya Bhandar, ahmadnagar	3/25/2022	4/30/2022	60
22	Panmalkar Tushar Vsant	Baneshwar Florist, ahmadnagar	3/25/2022	30/4/2022	60
23	Pund Akanksha Anil	hira strationary bhingar, ahmadnagar	26/3/2022	30/4/2022	60
24	Sarode Abhay Kiran	Shri chintamani Medical, ahmadnagar	3/25/2022	30/4/2022	60
25	Shinde Varsha Santosh				
26	shinde aakansha vijay	State bank of India, nagardevale, ahmadangar	3/25/2022	4/30/2022	60
27	Tagadkar Manjusha Navnath				
28	Urmude Akanksha Rajendra	Sopanrav Wadewale, ahmadnagar	3/25/2022	4/30/2022	60
29	Wagh Chetna Sandip	Saikrupa Generic Aushadhi Seva ahmadnagar	11/15/2022	12/20/2022	60
30	Wagh Pankaj Sabaji	Pandurang Suppliers, ahmadnagar	3/25/2022	4/11/2022	60
31	Warule Aniket Raosaheb	Rahi computers, ahmadnagar	25/3/2022	30/4/2022	60

Co-ordinator
Internal Quality Assurance Cell
Shri Baneshwar Shikhan Sansthas
Arts, Science and Commerce College
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Arts, Science and Commerce College Burhannagar Ahmednagar
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Burhannagar, Ahmednagar

Marketing management- II & III 365E & 366E					
1	Auti Sagar Dilip	jayant vilas Ambekar civil engineer and contractor	28/3/2022	11/4/2022	48
2	bansode suraj balasaheb	Prince constructions , ahmadnagar	25/3/2022	30/4/2022	64
3	Barge Yogesh Satish	Arunoday Pathological Laboratory, Ahmadnagar	25/3/2022	13/4/2022	68
4	Battin Onkar Anil	prince devlpopers ahmednagar	28/03/22	30/4/22	60
5	Berad Akshay Sunil				
6	Bhingardive Sarthak Rajaram	sai enterprises, ahmadnagar	25/3/2022	30/4/2022	64
7	Borude shivam Giridhar	Hotel Jay Tuljabhawani Ahmadnagar	25/3/2022	30/4/2022	60
8	Dagawale Nikhil Subhash	vighnharta medical, ahmadnagar	25/3/2022	30/4/2022	60
9	Dale Siddharth Sunil				
10	Dhadge sunny Dipak				
11	Dhawale Nitin Babasaheb	Smita Electrical Services, Ahmadanagar	25/3/2022	30/4/2022	60
12	Gaike Vishal Sanjay	chintamani Medical	28/3/2022	30/4/2022	60
13	Godalkar Vijay Rvindra				
14	Gondhale Anand Nitin	thites shriram computers	25/3/2022	11/4/2022	60
15	kalbhor vivekanand pramod	Vivekanand fibre decore, ahmadnagar	25/3/2022	11/4/2022	64
16	Karale Rushabh Sukhadev	klassic wheels pvt ltd	25/03/2022	30/04/ 2022	60
17	Katkar Kartik Dipak	dhanesh traders ahmednagr	28/03/2022	11/4/2022	60
18	Kerulkar Mukund Bapu	tarangan constructions & developers, ahmadnagar	25/3/2022	25/3/2022	60
19	Khatal Shivam Kailas	Dhanesh Trading Comapany, Ahmadnagar	25/3/2022	11/04/2022	60
20	Khomane Rohan Nandu	wageshwari mobile and kirana shop	28/3/2022	30/04/2022	64
21	Mane Abhishek Sanjay				
22	Nagare Harshada Subhash	prajwal medical general store, ahmadnagar	25/3/2022	30/4/2022	64
23	Namde Karn Ravindra	Supekar agency	25/3/2022	30/4/2022	64
24	Pathan Adnan Ajij	prince devlpopers ahmednagar	25/3/2022	30/4/2022	60
25	Pawar Smita Maruti	hira strationary bhingar	28/03/22	30/04/22	60
26	putta digamber arjun	Exide Battery , MIDC, ahmadnagar	25/3/2022	30/4/2022	60
27	Raskar Prashant Ramdas	RAU e- tendering, ahmadnagar	25/3/2022	30/4/2022	60
28	Saswade Avinash Sanjay				
29	Shaikh Sahil Bilal	Pandurang Suppliers	26/3/2022	11/04/2022	30
30	Shelar Pratik Sanjay				
31	Shelar Disha Pramod	nagari sahakari patsanstha maryadit bingar ahmednagar	28/03/22	30/04/22	60
32	Shinde Sandip Ramesh				
33	Shinde Omkar Ganesh	tarangan constructions, ahmadnagar	25/3/2022	30/4/2022	64
34	Shinde Umesh Gorakshanath	Rahi computers, ahmadnagar	25/3/2022	30/4/2022	60
35	Shingate Dadasaheb Ramesh	Inside credit solution, ahmadnagar	25/3/2022	30/4/2022	64
36	Thombe akshay vitthal				
37	Waghmare Nilesh Bhausaheb				

Shri Baneshwar shikshan Santha's

Arts, Science and Commercee College,
Burhannagar, Ahmednagar.

T.Y.B.Com

Semester- VI

Choice Based Credit System

InternshipProject

Year- 2021-22

NAME : FULARI PRIYANKA SUNIL

CLASS : TY.B.COM DIV: A

ROLL NO : 36

SUBJECT : COST AND WORKS ACCOUNTING

EXAM SEAT NO : 136097

Part B – SWOT analysis of the student (Please mention below the strengths and weaknesses of the student andthe areas for improvement)

e.g. 1. He is quite confident.
2. His communication is quite good.
3. He show always a positive attitude towards the work.
4. He is hard working.

Part C – Suggestions to make the internship programme more productive and effective.

The time given for the internship can be reduced as the time given is much more than required for internship.

Part D – Changes required in the curriculum to improve employability of students.

The college must encourage the students to get part in the internship program.

Name, Designation and Signature of the Supervisor / Reviewing Officer

Place of Review : Ahmednagar (Or any place where internship done.)

Date of Review : May 2022

HIRA STATIONERS AHMEDNAGAR

Arts, Science and Commerce College Burhannagar, Ahmednagar ID No. AN/ASC/ 074/2004

UNDERTAKING FROM STUDENT

To,
The Manager (HR),

Jitesh Makhija
AHMEDNAGAR.

Subject: Undertaking …..

Respected Madam / Sir,

I am a student of Shri Baneshwar shikshan Santha's Arts, Science and Commercee College, Burhannagar, Ahmednagar. I am studying in semester VI of T.Y.B.Com. I am going to join your esteemed organisation for my sixty hours internship programme during

I assure that I will follow all the rules and instruction issued by you. I will be solely responsible for my behaviour and performance during the internship period.

I will not disclose any information that is made available to me to anyone during or after the internship period.

I assure you that I will do my best and the internship opportunity provided to me will be a mutually rewarding experience.

Thank you.

P.S. fullari
Fulari Priyanka

Yours sincerely,

Date : 30/4/2022
Place : Burhanagar, A'Nagar.

P.S.fulari
(Name & signature of the student

Arts, Science and Commerce College * Burhannagar, Ahmednagar * ID No. AN/ASC/ 074/2004

LOG SHEET OF WORK PERFORMED DURING INTERNSHIP

HIRA STATIONERS

A ONE STOP SCHOOL SHOPEE

286,SADAR BAZAE BHINGAR CAMP,AHMEDNAGAR 414002

CON.NO. 0241-2418774, 9970150300 , 9423755472 Mail id : jiteshmakhija90@mail.com

1. Name of the Student : Fulari Priyanka Sunil
2. Name of the College : T.Y.B.Com.
3. Division and Roll Number : Div A Roll No-36
4. Address : H No 82,Khalewadi Bhingar..
5. Contact Number : 9665849332
6. Email ID : priyankafulari60@gmail.com
7. Special Subject : Cost and Works Accounting
8. Internship start date : 25/03/2022
9. Internship end date : 30/04/2022

Date	Time		Total Hours	Details of work done	Signature of officer	Signature of student
	From	To				
25/03/2022	2.00PM	4.00 PM	2 Hrs.	Recording of transactions.		P.S.fulari
26/03/2022	2.00PM	4.00 PM	2 Hrs.	Recording of transactions in journal.		P.S.fulari
28/03/2022	2.00PM	4.00 PM	2 Hrs.	Preparation of Material Requisition Note.		P.S.fulari
29/03/2022	2.00PM	4.00 PM	2 Hrs.	Preparation of Material Requisition Note.		P.S.fulari
30/03/2022	2.00PM	4.00 PM	2 Hrs.	Recording the MRN in Stock book.		P.S.fulari
31/03/2022	2.00PM	4.00 PM	2 Hrs.	Recording the MRN in Stock book		P.S.fulari
01/04/2022	2.00PM	4.00 PM	2 Hrs.	Recording the MRN in Stock book		P.S.fulari
02/04/2022	2.00PM	4.00 PM	2 Hrs.	Recording the MRN in Stock book		P.S.fulari
04/04/2022	2.00PM	4.00 PM	2 Hrs.	Recording the MRN in Stock book		P.S.fulari
05/04/2022	2.00PM	4.00 PM	2 Hrs.	Recording the MRN in Stock book		P.S.fulari
06/04/2022	2.00PM	4.00 PM	2 Hrs.	Recording the MRN in Stock book		P.S.fulari
07/04/2022	2.00PM	4.00 PM	2 Hrs.	Recording the MRN in Stock book		P.S.fulari

Arts, Science and Commerce AN/ASC/ 074/2004 Burhannagar, Ahmednagar

Shri Bareshwar shikshan Santha's
Baneshwar Arts , Commercee and Science Collage,
Burhanagar. Ahmednagar.

To,

The Manager(HR),
RAHI INSTITUTE

Subject :- Request for inclusion of students of our college for InternshipProgramme…

Dear Sir

,

Savitribai Phule Pune University has introduced 'Internship Programme' for Third Year B. Com. Students in its revised syllabus. The purpose of the internship programme is to provide hands-on training and experience to the students about various aspects of business and commercial activities. The internship will also enhance employability of students.

In view of this, I request you to provide following students of our college (List enclosed) with an opportunity for internship in your esteemed organisation.

We would appreciate if you could provide exposure of the following business activities to these students:-

Mentionherethekeycontentsofthedisciplinespecificspecialsubjectselectedbythestudent-E.G.Marginal Costing, Standard Costing, Budgetary Control, ProcessCosting, Contract Costing, Methods of determination of Cost, StoreKeeping, Methods of Stock Turnover, Preparation of Cost Sheet,Recordingof transactionsin journal,Reconciliationetc.(Anyone.)

We look forward to a mutually rewarding academic association with your organisation.

Thank you.

Sincerely,

Coordinator,
Internship Programme

PRINCIPAL
Principal
Arts, Science and Commerce College
Burhannagar, Ahmednagar

21/04/2022	2.00PM	4.00 PM	2 Hrs.	DIGITAL ART		
22/04/2022	2.00PM	4.00 PM	2 Hrs.	DTGOTA ART		
23/04/2022	2.00PM	4.00 PM	2 Hrs.	TYPING		
25/04/2022	2.00PM	4.00 PM	2 Hrs.	TYPIN		
26/04/2022	2.00PM	4.00 PM	2 Hrs.	Preparation of Tax Invoice and E Way Bill		
27/04/2022	2.00PM	4.00 PM	2 Hrs.	Preparation of Tax Invoice and E Way Bill		
28/04/2022	2.00PM	4.00 PM	2 Hrs.	ADVANCE Excel.		
29/04/2022	2.00PM	4.00 PM	2 Hrs.	ADVANCED Excel.		
30/04/2022	2.00PM	4.00 PM	2 Hrs.	Preparation of Transaction List in Excel.		
Total Hours			60 Hrs.			

Certified that **(Name of the student) has satisfactorily completed the internship programme assigned to him.**

Name & Signature of supervisor

Name & signatureof manager

Name & signature of section in charge

COMPANY NAME ADDRESS HERE

Computer Institute MKCL Reg. No /1210345 Burhannagar.

Date :

INTERNSHIP COMPLETION CERTIFICATE

RAHI INSTITUTE
Burhanager, Ahmednager

To,
The Principal,
Baneshwar Arts, Commerce and Science
College, Burhannagar, Ahmednagar.

Subject: Internship Completion Certificate .....

Dear Sir,

I am happy to inform you that following student of your college have successfullycompleted the 'Sixty Hours Internship Programme' in this organisation.

Sr. No.	Name of the student	Roll No.	Aadhar No.	Special Subject
1.	Shinde Varsha Santosh		231581758600	Cost and Work Accounting
2.				
3.				

These students have been provided with adequate exposure and necessary hands-on training pertaining to their special subject.

I am confident that these students will perform effectively in similar type oforganisations. I wish them every success in future endeavors.

Thank you.

Rahi Institute MKCL Reg. No. /210345 Burhanagar, A Nagar

Sincerely,

Name & Signature(Authorised Signatory)

COMPANY NAME ADDRESS HERE

FEEDBACK FROM INTERNSHIP PROVIDER ORGANISATION

Dear Sir
Please provide your valuable feedback about the performance of the student on following parameters. Your feedback will enable us to make necessary changes in the internship process. Thank you.
Coordinator- Internship Programme

Internship Programme feedback form

Sr. No.	Particulars		Details
1)	Name of the Supervisor/ Officer	:	Manoher kale
2)	Department	:	Rahi Institute
3)	Designation	:	
4)	Name of the Student	:	Shinde Varsha Santosh
5)	Name of the College	:	Baneshwar Arts, Commerce and Science College, Burhannagar,Ahmednagar
6)	Roll Number	:	
7)	Special Subject	:	Cost and Work Accounting

Part – A – Individual Ranking (Please tick the suitable checkbox) (Please only tick in suitable checkbox)

No.	Parameter for feedback	Excellent	Very Good	Good	Satisfactory	Needs improvement
1)	Domain Knowledge					
2)	Communication Skills					
3)	Punctuality & Dedication					
4)	Ability to work in teams					
5)	Problem solving skills					
6)	Quality of work done					
7)	Effectiveness					
8)	Efficiency					
9)	Ability to take Initiative					
10)	Positive attitude					
11)	Appearance					
12)	Using full potential at work					
13)	Work habits					
14)	Honesty & Integrity					
15)	Creativity					

Please turn over

CERTIFICATES (Environment)

Shri Baneshwar Shikshan Sanstha's

Arts, Science and Commerce College, Burhannagar, Ahmednagar

Choice Based Credit System (Environmental Studies)

CERTIFICATE

This is to certify that Mr./Mrs./Miss. ***Bhosale Rohan Popat*** of S.Y.B.A./B.Com./B.Sc./B.Sc.Computer Science/B.B.A.(C.A.) class has satisfactorily completed project work in 2021-22 academic year as per semester syllabus prescribed by **Savitribai Phule Pune University, Pune.**

Professor In-charge

Head of the Department

Head
Department of Geography
A.S. & C. College
Burhannagar, Ahmednagar-414002.

Arts, Science and Commerce College Burhannagar, Ahmednagar
ID No. AN/ASC/074/2004

Shri Baneshwar Shikshan Sanstha's

Arts, Science and Commerce College, Burhannagar, Ahmednagar

Choice Based Credit System (Environmental Studies)

CERTIFICATE

This is to certify that Mr./Mrs./Miss. ***Karale Mayuri Anil*** of S.Y.B.A./B.Com./B.Sc./B.Sc.Computer Science/B.B.A.(C.A.) class has satisfactorily completed project work in 2021-22 academic year as per semester syllabus prescribed by **Savitribai Phule Pune University, Pune.**

Professor In-charge

Head of the Department

Head
Department of Geography
A.S. & C. College
Burhannagar, Ahmednagar-4[illegible]2.

Arts, Science and Commerce College
ID No. AN/ASC/074/2004
Burhannagar, Ahmednagar

Shri Baneshwar Shikshan Sanstha's

Arts, Science and Commerce College, Burhannagar, Ahmednagar

Choice Based Credit System (Environmental Studies)

CERTIFICATE

This is to certify that Mr./Mrs./Miss. ***Kale Akshay Umesh*** of S.Y.B.A./B.Com./B.Sc./B.Sc.Computer Science/B.B.A.(C.A.) class has satisfactorily completed project work in 2021-22 academic year as per semester syllabus prescribed by **Savitribai Phule Pune University, Pune.**

Professor In-charge

Head of the Department

Head
Department of Geography
A.S. & C. College
Burhannagar, Ahmednagar

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Burhannagar, Ahmednagar

Shri Baneshwar Shikshan Sanstha's

Arts, Science and Commerce College, Burhannagar, Ahmednagar

Choice Based Credit System (Environmental Studies)

CERTIFICATE

This is to certify that Mr./Mrs./Miss. ***Jagtap Devendra Bhagwan*** of S.Y.B.A./B.Com./B.Sc./B.Sc.Computer Science/B.B.A.(C.A.) class has satisfactorily completed project work in 2021-22 academic year as per semester syllabus prescribed by **Savitribai Phule Pune University, Pune.**

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Choice Based Credit System (Environmental Studies)

CERTIFICATE

This is to certify that Mr./Mrs./Miss. ***Hone Tejashri Sandip*** of S.Y.B.A./B.Com./B.Sc./B.Sc.Computer Science/B.B.A.(C.A.) class has satisfactorily completed project work in 2021-22 academic year as per semester syllabus prescribed by **Savitribai Phule Pune University, Pune.**

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Choice Based Credit System (Environmental Studies)

CERTIFICATE

This is to certify that Mr./Mrs./Miss.***Gawali Adesh Santosth*** of S.Y.B.A./B.Com./B.Sc./B.Sc.Computer Science/B.B.A.(C.A.) class has satisfactorily completed project work in 2021-22 academic year as per semester syllabus prescribed by **Savitribai Phule Pune University, Pune.**

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Choice Based Credit System (Environmental Studies)

CERTIFICATE

This is to certify that Mr./Mrs./Miss. ***Fulsaundar Gayatri Babasaheb*** of S.Y.B.A./B.Com./B.Sc./B.Sc.Computer Science/B.B.A.(C.A.) class has satisfactorily completed project work in 2021-22 academic year as per semester syllabus prescribed by **Savitribai Phule Pune University, Pune.**

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Choice Based Credit System (Environmental Studies)

CERTIFICATE

This is to certify that Mr./Mrs./Miss. ***Dhangar Mayuri Manik*** of S.Y.B.A./B.Com./B.Sc./B.Sc.Computer Science/B.B.A.(C.A.) class has satisfactorily completed project work in 2021-22 academic year as per semester syllabus prescribed by **Savitribai Phule Pune University, Pune.**

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Choice Based Credit System (Environmental Studies)

CERTIFICATE

This is to certify that Mr./Mrs./Miss. ***Bhosale Sujit Riman*** of S.Y.B.A./B.Com./B.Sc./B.Sc.Computer Science/B.B.A.(C.A.) class has satisfactorily completed project work in 2021-22 academic year as per semester syllabus prescribed by **Savitribai Phule Pune University, Pune.**

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CERTIFICATE

This is to certify that Mr./Mrs./Miss. ***Tarte Dhanashri Ankush*** of S.Y.B.A./B.Com./B.Sc./B.Sc.Computer Science/B.B.A.(C.A.) class has satisfactorily completed project work in 2021-22 academic year as per semester syllabus prescribed by **Savitribai Phule Pune University, Pune.**

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Choice Based Credit System (Environmental Studies)

CERTIFICATE

This is to certify that Mr./Mrs./Miss. ***Pathare Rakesh Ramesh*** of S.Y.B.A./B.Com./B.Sc./B.Sc.Computer Science/B.B.A.(C.A.) class has satisfactorily completed project work in 2021-22 academic year as per semester syllabus prescribed by **Savitribai Phule Pune University, Pune.**

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Choice Based Credit System (Environmental Studies)

CERTIFICATE

This is to certify that Mr./Mrs./Miss. ***Nagare Usha Chandrakant*** of S.Y.B.A./B.Com./B.Sc./B.Sc.Computer Science/B.B.A.(C.A.) class has satisfactorily completed project work in 2021-22 academic year as per semester syllabus prescribed by **Savitribai Phule Pune University, Pune.**

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Choice Based Credit System (Environmental Studies)

CERTIFICATE

This is to certify that Mr./Mrs./Miss. ***Latpate Balkurshana Bhausaheb*** of S.Y.B.A./B.Com./B.Sc./B.Sc.Computer Science/B.B.A.(C.A.) class has satisfactorily completed project work in 2021-22 academic year as per semester syllabus prescribed by **Savitribai Phule Pune University, Pune.**

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Choice Based Credit System (Environmental Studies)

CERTIFICATE

This is to certify that Mr./Mrs./Miss. ***Kshirsagar Tejas Sanjay*** of S.Y.B.A./B.Com./B.Sc./B.Sc.Computer Science/B.B.A.(C.A.) class has satisfactorily completed project work in 2021-22 academic year as per semester syllabus prescribed by **Savitribai Phule Pune University, Pune.**

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Choice Based Credit System (Environmental Studies)

CERTIFICATE

This is to certify that Mr./Mrs./Miss. ***Khose Gayatri Lala*** of S.Y.B.A./B.Com./B.Sc./B.Sc.Computer Science/B.B.A.(C.A.) class has satisfactorily completed project work in 2021-22 academic year as per semester syllabus prescribed by **Savitribai Phule Pune University, Pune.**

Professor In-charge

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Choice Based Credit System (Environmental Studies)

CERTIFICATE

This is to certify that Mr./Mrs./Miss. ***Kedar Sangram Babasaheb*** of S.Y.B.A./B.Com./B.Sc./B.Sc.Computer Science/B.B.A.(C.A.) class has satisfactorily completed project work in 2021-22 academic year as per semester syllabus prescribed by **Savitribai Phule Pune University, Pune.**

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PRINCIPAL
Arts, Science and Commerce College
Burhannagar, Ahmednagar

Environment Project sample

नाव :- शेलार प्रतिक्षा सतिष

वर्ग :- S.Y. B. Com.

प्रकल्पाचे नाव :- हवामान बदल

शैक्षणिक वर्ष :- 2021 - 22

विषय शिक्षक :- जाधव सर

Co-ordinator
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Shri Baneshwar Shikhan Sansthas
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Arts, Science and Commerce College Burhannagar, Ahmednagar
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संकल्पना :-

हवामान बदलांची सर्वात सामान्य व्याख्या सांख्यिकीय गुणधर्म (मुख्यत: त्याचा अर्थ प्रसार) इ. चा हवामानशास्त्रीय बदलांच्या मध्ये केला जातो. कारण, कोणत्याही कारणाशिवाय त्यानुसार अलगिनोसारख्या काही दशकांपेक्षा कमी कालावधीत चढउतार हवामान बदलाचे प्रतिनिधित्व करीत नाहीत.

महासागराचे प्रवाह अवदार उष्णकटिबंधीय प्रदेशांमधून थंड ध्रुवीय प्रदेशात वरीच ऊर्जा वाहतूक करतात; शेवटच्या बर्फगोट्या आसपास होणारे बदल (तांत्रिक भाषेत सांगायचे तर शेवटचे हिमनदी) हे दाखवते की उत्तर अटलांटिक या भागात अचानक आणि मोठ्या प्रमाणात बदल शकतो.

जेव्हा हवामानातील बदल घडतात तेव्हा पृथ्वीच्या हवामान प्रणालीतील बदलांमुळे नवीन हवामान पद्धतींचा परिणाम होत असतो. हा दशकांपेक्षा ते कोट्यावधी वर्षे इतकी लहान असू शकतो. शास्त्रज्ञांनी पृथ्वीच्या भौगोलिक इतिहासादरम्यान हवामानातील बदलांचे अनेक भाग ओळखले आहेत. अलीकडेच, औद्योगिक क्रांतीनंतर ग्लोबल वार्मिंग चालविणाऱ्या मानवी क्रियांचा हवामानाचा परिणाम वाढत्या प्रमाणात सामना आहे. आणि त्यानंतर सामान्यत: या शब्दांचा वापर बदलला जाऊ शकतो.

हवामान प्रणाली सूर्यापासून आपल्या जवजवळ सर्व ऊर्जा प्राप्त करते. हवामान प्रमाणाली बाह्य जागेला ऊर्जा देखील देते.

पृथ्वीवर येणारी व जाणारी ऊर्जा संतुलन आणि हवामान प्रणालीद्वारे ऊर्जा जाणे पृथ्वीचे ऊर्जा बजेट ठरवते. जेव्हा येणारी ऊर्जा जाणाऱ्या ऊर्जेपेक्षा जास्त असते, तेव्हा पृथ्वीचे ऊर्जा बजेट सकारात्मक असते आणि हवामान प्रणाली गरम असते. जर जास्त ऊर्जा गेली तर ऊर्जा बजेट नकारात्मक आहे आणि पृथ्वीला थंडपणाचा अनुभव आहे. प

पृथ्वीवरील हवामान प्रणाली माहितीमान न होता ऊर्जा अभिव्यक्ती पोहोचला आहे. हवामान भौगोलिक घटक आणि वेळ यानुसार आकर्षित ठरते. हवामान बदल हा हवामानाती बदलांचा दीर्घकालीन आणि टिकाव आहे. जेव्हा हवामान प्रणालीच्या विविध भागांमध्ये जन्मजात नैसर्गिक प्रक्रिया ऊर्जा वितरणात बदल करतात. तेव्हा असे बदल अंतर्गत ऊर्जा वितरणात बदल करतात. उदाहरणांमध्ये पॅसिफिक डिकॅडल ओसीलेशन आणि अटलांटिक मल्टीडेकेड व्हेरिएशन आणि अटलांटिक मल्टीडेकेडल दोलन सारख्या समुद्राच्या खोऱ्यांमधील परिवर्तनशीलता समाविष्ट आहे. हवामानातील बदलांचे परिवर्तन बाह्य सक्तीने देखील होऊ शकतो. जेव्हा हवामानातील घटकांच्या बाहेरील घटनांनी प्रणाली त बदल घडवून आणला. सौर आउटपुट आणि ज्वालामुखीय बदलामधील उदाहरणांचा समावेश आहे.

हवामान बदलाचे समुद्री प्रणालीवरील बदल, वनस्पतींचे जीवन आणि मोठ्या प्रमाणात विस्कळीत होण्याचे विविध परिणाम आहेत. त्याचा मानवी

समाजांवरही परिणाम होतो.

"हवामान बदल" हा शब्द बहुधा मानव-वंश हवामान बदलाला ग्लोबल वार्मिंग म्हणूनही ओळखला जातो. विशेषत: वापरला जातो. मानवी कृतीमुळे मानववंशातील हवामानातील बदल घडतात. पृथ्वीच्या नैसर्गिक प्रक्रियेचा एक परिणाम म्हणून हवामानातील बदलांच्या विरुद्ध या अर्थाने विशेषत: पर्यावरणविषयक धोरणाच्या संदर्भात हवामान बदल हा शब्द मानववंश ग्लोबल वार्मिंगचा पर्याय बनला आहे. वैज्ञानिक जर्नल्समध्ये ग्लोबल वार्मिंगचा अर्थ पृथ्वी पृष्ठभागाच्या तापमानात वाढ होण्याचा संदर्भ असतो. आणि ग्रीनहाऊस गॅसच्या वाढत्या पातळीवर परिणाम होतो.

जागतिक हवामान संघटना (डब्ल्यूएमओ) ने 1966 मध्ये 10 वर्षांपेक्षा जास्त काळ कालावधीत सर्व प्रकारचे हवामान बदल करण्याच्या हेतूने संबंधित हवामानविषयक बदल प्रास्ताविक केला होता. 1970 च्या दशकात, हवामान बदलांच्या शब्दाने हवामान बदलांची जागा मानववंशीय कारणांवर केंद्रित करण्यासाठी बदलली आहे. कारण हे स्पष्ट झाले की मानवी क्रियाकलापांमध्ये हवामान बदलांची क्षमता आहे. हवामान बदलांची आंतरसरकार पॅनेल ऑन क्लायमेट चेंज (आयपीसीसी) आणि यूएन फ्रेमवर्क कन्व्हेन्शन ऑन क्लायमेट चेंज (यूएनएफसीसीसी) या title हवामान बदलाचा समावेश होतो. हवामान बदल आत प्रक्रियेचे तांत्रिक वर्णन तसेच समस्येचे करण्यासाठी वापरली जाते

हवामान बदलाचे परिणाम :-

हवामानात होणाऱ्या टोकाच्या बदलांचे परिणाम पहायला मिळत आहे. हवामान बदलामुळे आपली (मानवाची) जीवनशैली बदलू शकते. सुपीक जमिनीचे रेताड जमिनीत रूपांतर होईल पाठ्यांच्या कमतरतेमुळे पिक अन्न उगवण देशोधन कठीण होईल.

समुद्राच्या पातळीत होत असलेल्या वाढीमुळे काही भागांत प्रचंड उष्णता वाढेल आणि ते कठिण निवास करण्यास योग्य राहणार नाहीत. चीन, जर्मनी, बेल्जियम, नेदरलँडमध्ये असलेल्या पुरामध्ये ते पाहायला मिळाले.

हवामानात टोकाचे बदल जाणवतील. उष्णतेची लाट, मुसळधार पाऊस, वादळ हे सर्व वारंवार होईल, त्यांचं प्रमाणही वाढत जाऊन मानवी जीवनासाठी ते धोकादायक ठरेल.

गरीब देशांतील लोक ज्यांना याच्याशी जुळून घेणं सर्वाधिक कठिण ठरेल त्यांना सर्वाधिक त्रास होईल.

वातावरणावर हवामान बदलाचे परिणाम :-

ध्रुवावरील बर्फ आणि हिमनद्या वेगानं वितळत आहेत. त्यामुळ समुद्राची पातळी वाढत असलेल्या सखल किनारी भागांमध्ये पुराचा धोका वाढला आहे.

सायबेरिया सारख्या ठिकाणी पर्माफ्रॉस्टसारखी ठिकाणं वितळतील. आपल्या वातावरणात सोडला जाणारा मिथेन हा आणखी एक हरितगृह वायूदेखील हवामान बदलाची तीव्रता अधिक वाढवत आहे.

जंगलातील आगी, भागांयाच्या, वणवे पेटण्याच्या घटनांसाठी अनुकूल असे हवामान अधिक प्रमाणात तयार होईल.

निसर्गविरचे हवामान बदलाचे परिणाम :-

निवासस्थानं बदलत असल्यानं काही प्रजाती या नव्या ठिकाणी स्थलांतरीत होतील.

मात्र हवामान बदल इतक्या झपाट्यानं होत आहे, की त्यापैकी अनेक नष्ट होण्याच्या मार्गावर आहे.

ध्रुवीय अस्वल नष्ट होण्याच्या मार्गावर आहेत. कारण ते अवलंबून असलेल्या बर्फाचे वितळत चालला आहे.

अटलांटिक सॉल्मन नदीच्या पाण्यात नष्ट होऊ शकतात.

नदीच्या पाण्याचं तापमान वाढल्यानं त्याच्यावर परिणाम होईल.

समुद्र अधिक प्रमाणात कार्बन डाय-ऑक्साइड शोषत असल्यानं त्यामुळे पाण्यात ॲसिडचं प्रमाण वाढत आहे त्यामुळे Tropical coral reefs सारखी जीवनवहे होतील.

हवामान बदलाची कारणे :—

हवामानात नैसर्गिक बदल हे पूर्वीपासून होत आलेले आहे.

मात्र आता, विविध मानवी घडामोडींमुळे जागतिक तापमानात वाढ होत आहे.

वीज प्रकल्प, वाहतूक आणि घरांमध्ये ऊर्जा वाढवण्यासाठी आपण इंधन, गॅस आणि कोळसा वापरायला सुरुवात केली, तेव्हापासून आतापर्यंत जगात 1.2 सेल्सिअस एवढं तापमान वाढलं आहे.

त्याशिवाय या इंधनांच्या वापरामुळे हवेत सोडले जाणारे वायू हे सूर्याची ऊर्जा अडवतात.

1 ल्या शतकापासून वातावरणातील कार्बन डायऑक्साइड (CO2) या एकट्या हरितगृह वायूचा प्रमाण 50 टक्क्यांनी वाढलं आहे. तर गेल्या 20 वर्षांत त्यात 12 टक्के वाढ झाली आहे.

हरितगृह वायूंचं प्रमाण वाढण्याचं आणखी एक कारण म्हणजे जंगलतोड

समुद्राच्या पाण्याचं तापमान वाढल्यामुळे तर कोरल रीफ म्हणजे प्रवाळांचा पलट्टा

नष्ट होईल.

झाड जेव्हा जाळली किंवा तोडली जातात, तेव्हा साठवला कार्बन वातावरणात सोडला असतात.

भविष्यात काय होणार.

शास्त्रज्ञांनी हवामान बदलासाठी 1.5 सेल्सिअसपर्यंत तापमान वाढ ही मर्यादा ठरवली आहे. एवढी वाढ स्वीकारणे असह्य लज्जास्पद म्हणजे आहे.

जर तापमान अधिक वाढत गेले, तर नैसर्गिक वातावरणाला पोहोचणाऱ्या हानीमुळे मानवी जीवनशैलीवरही परिणाम होऊ शकतो.

अनेक शास्त्रज्ञांच्या मते, असं घडू शकते. शतकाच्या अखेरीपर्यंत वातावरणातील तापमानाची वाढ 3 अंशापर्यंत असेल अशी शक्यता वर्तविण्यात आली आहे.

जगभरात हवामान बदलाचे काय परिणाम होतील?

प्रचंड पावसाच्या परिस्थितीमुळे इंग्लंडमध्ये पूरपरिस्थिती आलाकयाबाहेर जाईल.

पॅसिफिक क्षेत्रातील सखल भागात असलेले बेटावरील काही देश पाण्याखाली किंवा समुद्राखाली जाऊ शकतात.

आफ्रिकेतील बहुतांश देशांमध्ये दुष्काळ आणी अन्नाच्या तुटवड्याची समस्या निर्माण होऊ शकते.

उत्तर अमेरिकेतही दुष्काळाची गंभीर स्थिती निर्माण होऊ शकते. तशीच स्थिती पश्चिम अमेरिकेतही असेल. तर इतर भागांत पाऊसाचे प्रमाण वाढेल आणि वादळाचे प्रमाण वाढेल.

ऑस्ट्रेलियात तीव्र दुष्काळ आणी प्रचंड उष्णता अशा समस्या उद्भवतील

जगभरातील सरकार काय करत आहे?

हवामान बदलाचं आव्हान सगळ्यांनी एकत्र हाताळता येईल, यावर जगभरातल्या देशांचं एकमत झालेलं आहे. पॅरिसमध्ये 2015 झालेल्या महत्त्वाच्या करारादरम्यान ग्लोबल वॉर्मिंग 1.5 सेल्शियसपर्यंत रोखण्याचं उद्दिष्ट ठरवण्यात आलं.

नोव्हेंबर 2015 मध्ये युकेमध्ये जगभरातल्या देशांच्या नेत्यांची ग्लासगो क्लायमेट कॉन्फरन्स होत असून यामध्ये जगभरातले देश 2030 पर्यंत कार्बन उत्सर्जन कमी असं काहीतरी घोषणा करतील.

या शतकाच्या मध्यापर्यंत म्हणजे 2050 पर्यंत हरितगृह वायूंच्या उत्सर्जनाचं प्रमाण कमी करून ते शून्यावर आणण्याचं विविध देशांना लक्ष्य ठेवलं आहे.

या शतकाच्या मध्यापर्यंत म्हणजे 2050 पर्यंत हरितगृह वायूंच्या उत्सर्जनाचं प्रमाण कमी करून ते शून्यावर आणण्याचं विविध देशांना लक्ष्य ठेवलं आहे.

म्हणजे कोणत्याही प्रकारच्या वायू उत्सर्जनाच्या प्रमाणात ते वायू शोषले जातील असं समतोल राखला जाईल, अशा उपायोजना केल्या जातील. उदाहरण द्यायचं झाल्यास झाड लावून हे प्रमाण कमी केलं जाईल.

या माध्यमातून तापमान सपाटीच्या होणारी वाढ थांबवून हवामान बदलाचे गंभीर दुष्परिणाम टाळता येऊ शकतील.

शास्त्रज्ञ काय करत आहेत?

हवामान बदलाबाबतचा शास्त्रज्ञांचा अभ्यास वाढला असून त्यात आणखी वाढ होत आहे

उदाहरण द्यायचं झाल्यास, ते आता हवामान बदल आणि प्रचंड पाऊस किंवा उष्णतेची लाट यांसारख्या स्वतंत्र घटनांचाही संबंध जोडू शकतात.

भविष्यात अशा घटनांचा अंदाज त्यांना आधीच लावता हे, अधिक चांगल्या प्रकारे शक्य होईल अशी अपेक्षा आहे.

हवामान बदलांबद्दल तुम्ही - आम्ही काय करू शकतो.

शास्त्रज्ञांच्या मते सामान्य लोक खालील गोष्टी करू शकतात.

- सार्वजनिक वाहतूक व्यवस्था किंवा सायकलचा वापर वाढवून वाहनांचा वापर कमी करावा.
- घर इन्सुलेट (उष्णतेपासून बचावासाठी विशिष्ट गोष्टींचा थर देणे) करा.
- विमानांचा वापर कमी करा.
- मांस आणि दुग्धजन्य पदार्थांचे सेवन कमी करा.

History project sample

विषय :- अहमदनगरची ऐतिहासिक स्थळे

शिक्षकाचे नाव :- प्रा. डॉ. सोनवणे. एस. आर.

विद्यार्थ्याचे नाव :- पंडित गौरी विजय.

वर्ग :- T.Y.B.A.

सन :- 2021 - 2022.

शाळेचे नाव :- श्री. बाणेश्वर कला वाणिज्य व विज्ञान महाविद्यालय बुऱ्हाणनगर.

Co-ordinator
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Arts, Science and Commerce College Burhannagar, Ahmednagar ID No. AN/ASC/ 074/2004

PRINCIPAL
Arts, Science and Commerce College
Burhannagar, Ahmednagar

प्रमाणपत्र

असे प्रमाणित करण्यात येते की कु./कु. पंडित गौरी विजय याने/तिने टी. वाय. बी.ए शैक्षणिक वर्ष 2021-22 परिक्षा क्रमांक 70453 'इतिहासाची तोंडओळख' या विषया अंतर्गत "अहमदनगर-ची (शहरातील) ऐतिहासिक स्थळे भेट" हा अहवाल सादर केला आहे.

विद्यार्थ्याची सही
GPandit.

विषय शिक्षक

बाह्यस्थ परीक्षक

Head
Department of History
A.S. & C. College
Burhannagar, Ahmednagar-414002.

ऐतिहासिक पर्यटन स्थळे क्षेत्रभेट

1) वेळ :- 08:30 Am

2) दौलती मस्जिद

3) फरियाबाग

4) म्युझीयम

5) दुपारचे जेवन

6) आलमगीर

7) चांदबीबी महाल

विद्यार्थ्यांच्या सोबत जाणारे प्राध्यापक

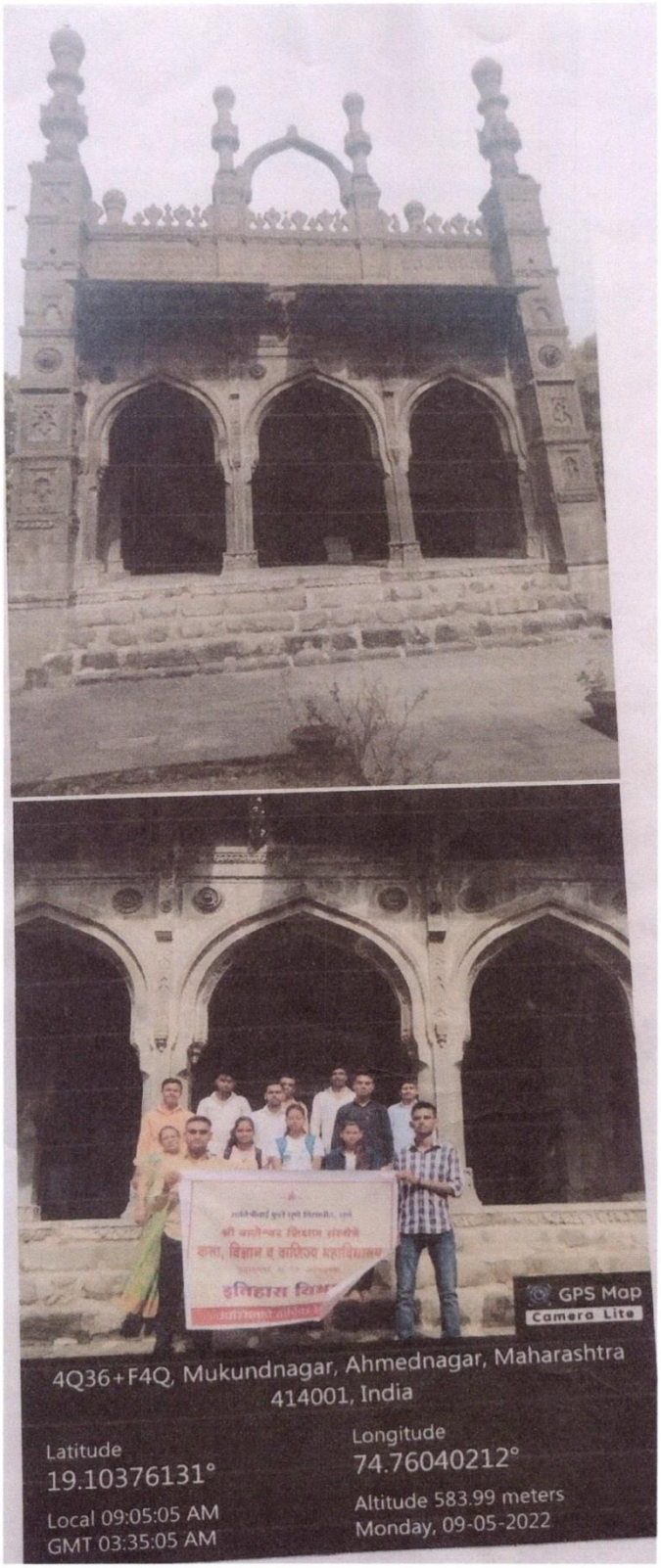
1) डॉ. सोनावणे सुजाता
2) प्रा. कोरक सागर
3) प्रा. वनवे सुधीर

प्रस्तावना

शैक्षणिक वर्ष 2021 - 2022 यावर्षी मी श्री बनेश्वर कला, वाणिज्य आणि विज्ञान महाविद्यालय बुर्हाणनगर मी येथे मी प्रवेश घेतला आहे व प्रवेश घेतल्यानंतर मला विद्या - त्यासाठी ऐतिहासिक पर्यटन स्थळे क्षेत्रभेट हा प्रकल्प तयार करण्यासाठी संधी मिळाली

हजारो वर्षापासून प्रसारमाध्यमापासून इतिहास प्रसिद्धी व चर्चमधून ऐतिहासिकांची उपयोगिता आता आपल्याला अनमोल पुष्कळच बदली आहे ज्या पर्यटनामध्ये ऐतिहासिक आणि इतिहासातील साधने वापर कसा करता येईल असा मी ऐतिहासिक पर्यटनाचे उपयोग व गुणधर्म आणि महत्त्व या प्रकल्पातून स्पष्ट केले आहे हे ऐतिहासिक पर्यटन उल्लेख याहूवर प्राचीन काळापासून उदयास एक हजारहून अधिक पर्यटन स्थळे आहे प्रत्येक देशातील म्हणजे आशियाई आणि युरोपीय इत्यादी देशातील ऐतिहासिक वास्तू आहे.

पूर्वी जर कोणाला नाणी, चांदी इ. वस्तू संग्रह पहावयास मिळत असे कारण त्या आपल्या वापरत असलेल्या असतात त्यामुळे मानवी जीवनातील सोई-सुविधा असतात ऐतिहासिक ही स्थळे आपल्या जीवनातील महत्त्वाची पेरणारीनी असतात ही स्थळे महाराष्ट्रातील विविध ठिकाणी आपल्याला पहावयास मिळतात त्यामुळे ऐतिहासिक स्थळे हे पूर्वी पासून म्हणजे विविध घडलेल्या पुरातन काळातील गोष्टीपासून ह्या वास्तू अस्तित्वात आलेली आहे.



* दगडी मस्जीद *

अप्रतिम कॅलिग्राफीसाठी व सपाट दगडी छतासाठी प्रसिद्ध

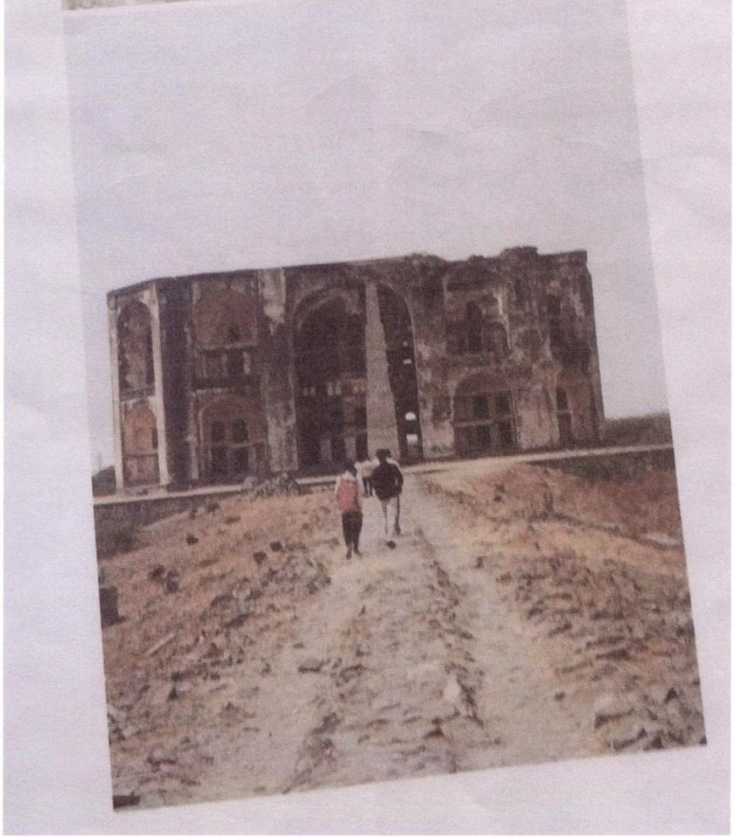
दगडावरिल अप्रतिम कोरीव काम आणी कॅलिग्राफीसाठी प्रसिद्ध असलेली ही मस्जीद मजुरांनी दगडी दगडी गोळा करुन सन १५६० च्या दरम्यान बांधली मस्जीदीच्या सपाट दगडी छतामुळे प्रतिबंध खाली दगडी फरशीमध्ये घडविण्यात आले आहे.

मुघलकालीन वास्तुशैलीच्या स्थापत्य संबंधाच्या अनेक कहाण्या प्रसिद्ध आहेत मुघलांनी निजामांनी अनेक मशिदी किल्ले आणि महाल बांधले त्या प्रत्येकाच्या बांधकामाची त्यासाठी वापरलेल्या संपत्ती विषयीच्या बऱ्याच चर्चा आपण ऐकलेल्या आहेत मात्र महाराष्ट्रातील अहमदनगर या शहरात निजामकालीन काळात बांधण्यात आलेली एक अशी मशीद (Masjid) आहे जी काही कामगारांनी मिळून एक एक दगडी जमवून बांधली होती आणि विशेष म्हणजे या मशिदीचे नाव आज ही दगडी मशीद म्हणून इतिहासात प्रसिद्ध पावले आहे अहमदनगर येथील किल्याचे काम सुरू असताना त्या कामासाठी जे हात राबत होते अशा काही कामगारांना वाटले की आपण राजामहाराजांसाठी महाल बांधतो त्यातून त्यांचे नाव इतिहासात अजरामर होते तसेच किल्याचे काम असताना याठिकाणी त्यांच्या नमाजासाठी मशिद (Masjid) नव्हती या दोन्हीच्या गरजेतून मशिद (Masjid) बांधली अशी कल्पना पुढे येऊ लागली जर आपल्याला आपल्या कलेतून निर्वाण राहायचे असेल तर आपल्या पैशातून कहीतरी निर्माण करण्या पेक्षा या श्रमातून ही मशीद उभी राहिली आहे.

त्यावेळी या परिसरात एक शाहेर खान नावाचे फकीर राहात होते त्यांनी विचार केला अहमदनगर किल्याचे बांधकाम करण्यासाठी यासाठी एक से बढकर एक कारागीर जन्म जन्मलेले आहेत प्रत्येकाच्या हातात कला आहे

त्यांच्या कारागिरांचा नमुना जिवंत ठेवण्यासाठी काहीतरी केले पाहिजे त्यासाठी हे सर्व कारागीर एकत्र आले परंतु कोणतीही वास्तू निर्माण करायची तर त्यासाठी पैसा आवश्यक असतो त्यामुळे असे ठरले की सादर खान बाबाकडे प्रत्येकाने रोजच्या आपल्या मजुरीतून एक दमडी त्याकडे जमा करायची अशा प्रकारे मशिदीच्या बांधकामासाठी पैसा उभा करण्यात आला.

अहमदनगरचे त्याकाही पुरातन वास्तू आहेत त्यासर्व निजामशाहीतील वास्तूशैली दर्शवितात मुघलकालीन वास्तूशैली भिन्न तर निजामशाहीतील वास्तुकला भिन्न असल्याचे दिसून येते या मशिदीची अनेक वैशिष्ट्ये सांगण्यात येतात त्यातील एक म्हणजे या मशिदीच्या (masjid) कामात कुठलाही मोठ दिखाव आलेला नाही अगदी साधा ~~सोप~~ एक दगडात हे छत बांधले असल्याचे दिसून येते त्याकालातील हे इंजिनियरिंग वरीच्यर थक्क करणारे आहे भारतवर्षातील त्याकालच्या स्थापत्यशास्त्राचा हे एक उत्तम उदाहरण म्हणता येईल.



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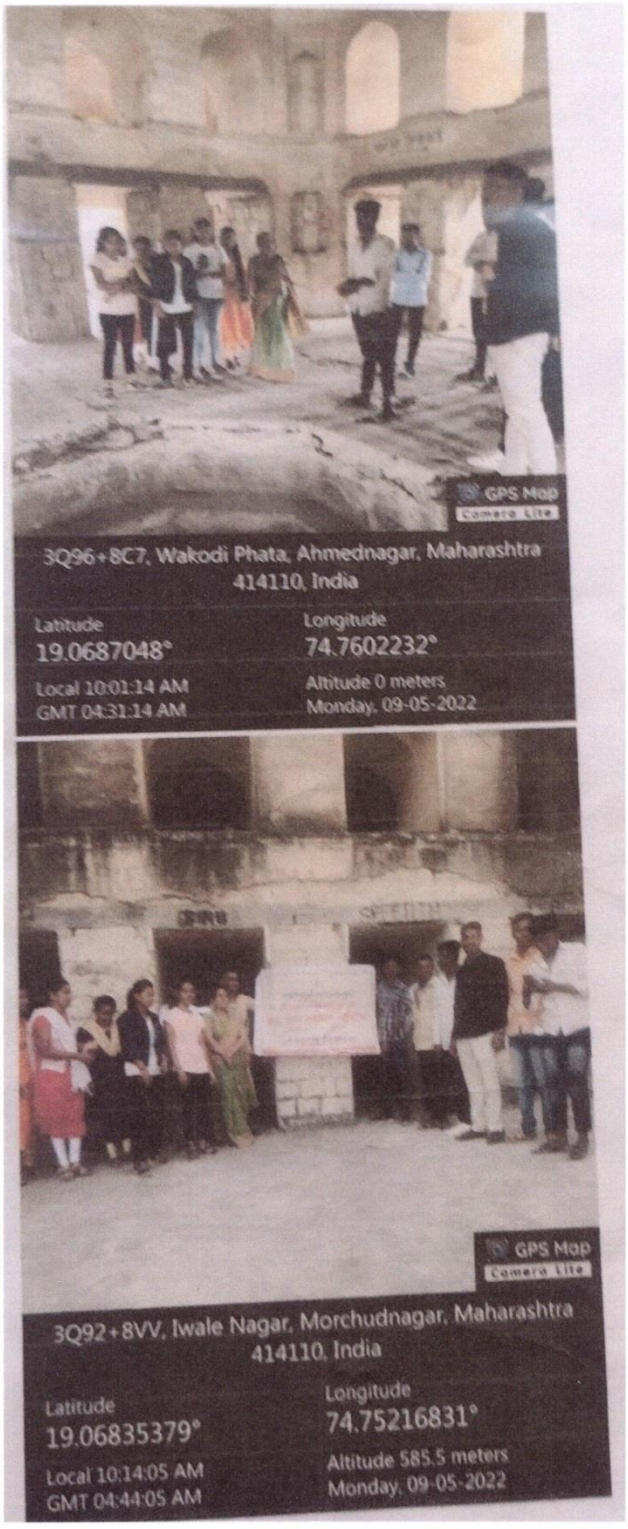
* फारुखाबाद *

चौकोनी तलावाच्या मध्यभागी असलेली व आष्टकोनी गुलाबी वास्तू 1576 ते 1583 या काळात मुर्तझा निजामशाह ने बांधली या महालाच्या दक्षिनी कमानीच्या वापर जगप्रसिद्ध ताजमहालच्या वास्तुमध्ये केलेला आढळतो इराणी स्थापत्य शैलीचा हा बेमोड नमुना आहे

ह्या महालाचे निर्मिती कार्य चेंगेज खान याने सुरू केले आणि बुरहान निजाम शाह 1 च्या देखरेखीखाली नियामन खान याने पूर्ण केले बुरहान निजामशाह 1 यांना ते न आवडल्यामुळे त्याने ते उध्वस्त करण्याचा व ह्या इमारतीचा पुननिर्मीनाचा आदेश दिला आहे हे कार्य रुस्तमबत खान 1 यांना दिले होते परंतू ते चालू असतानाच त्याच्या मृत्यू झाल्याने या कामाची पुर्तता त्याचा पुतण्या रुस्तमबत खान 2 याने केले

ही इमारत अष्टकोनी असुन त्याच्या वरिल मजल्याचे छत सपाट आहे यात मध्यभागी असणाऱ्या कक्षाची उंची 30 फुट आहे यात ~~मध्यभागी~~ बाहेरिल चबुतऱ्याचा कट सेपूर्ण इमारत २५.७२ मी × २५.१८ मी असुन दगड व चुन्यात ते बांधकाम करण्यात आले आहे ह्या महालाच्या चारी बाजुस एका कृत्रिम तलावाची निर्मीती केली गेली होती जो आज कोरडा पडला आहे ह्या महालाच्या चारिही बाजुस एका कृत्रिम तलावाच्या पाणी पुरवठा विभाग येथील नहरीतुन होत होता ~~अ~~ अंशिक रुपाने ही इमारत एका उंच अष्टकोनी चबुतऱ्या वर एक चौकोनी आकाराच्या तलावामध्ये बांधण्यात आली आहे ती दोन मजली इमारत एका ९० मी नोव ~~रु~~ रुस्तमने जोडलेली आहे.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Longitude
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GMT 04:31:14 AM
Altitude 0 meters
Monday, 09-05-2022
GPS Map
Camera Lite
3Q92+8VV, Iwale Nagar, Morchudnagar, Maharashtra 414110, India
Latitude
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Longitude
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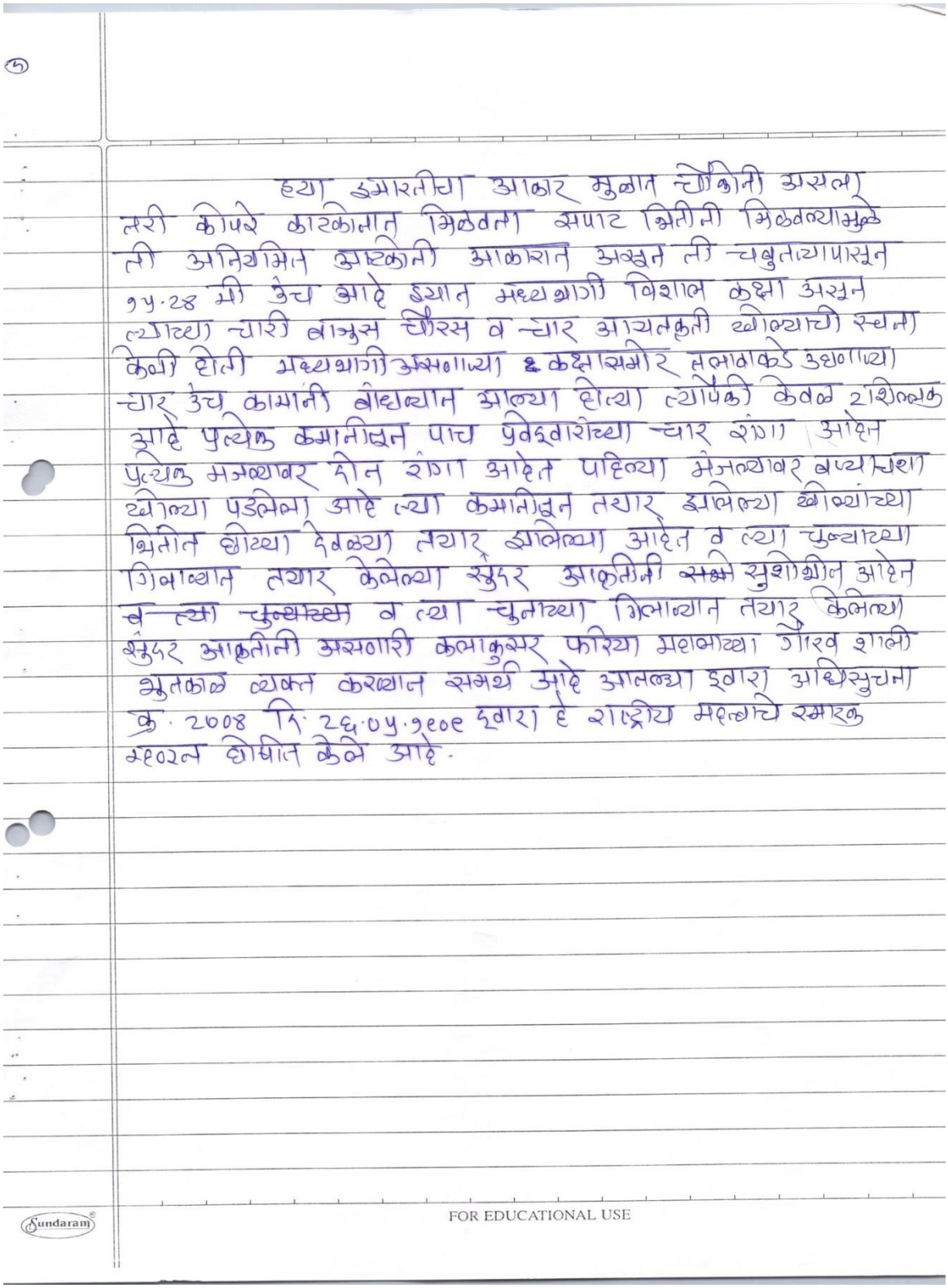
Monday, 09-05-2022



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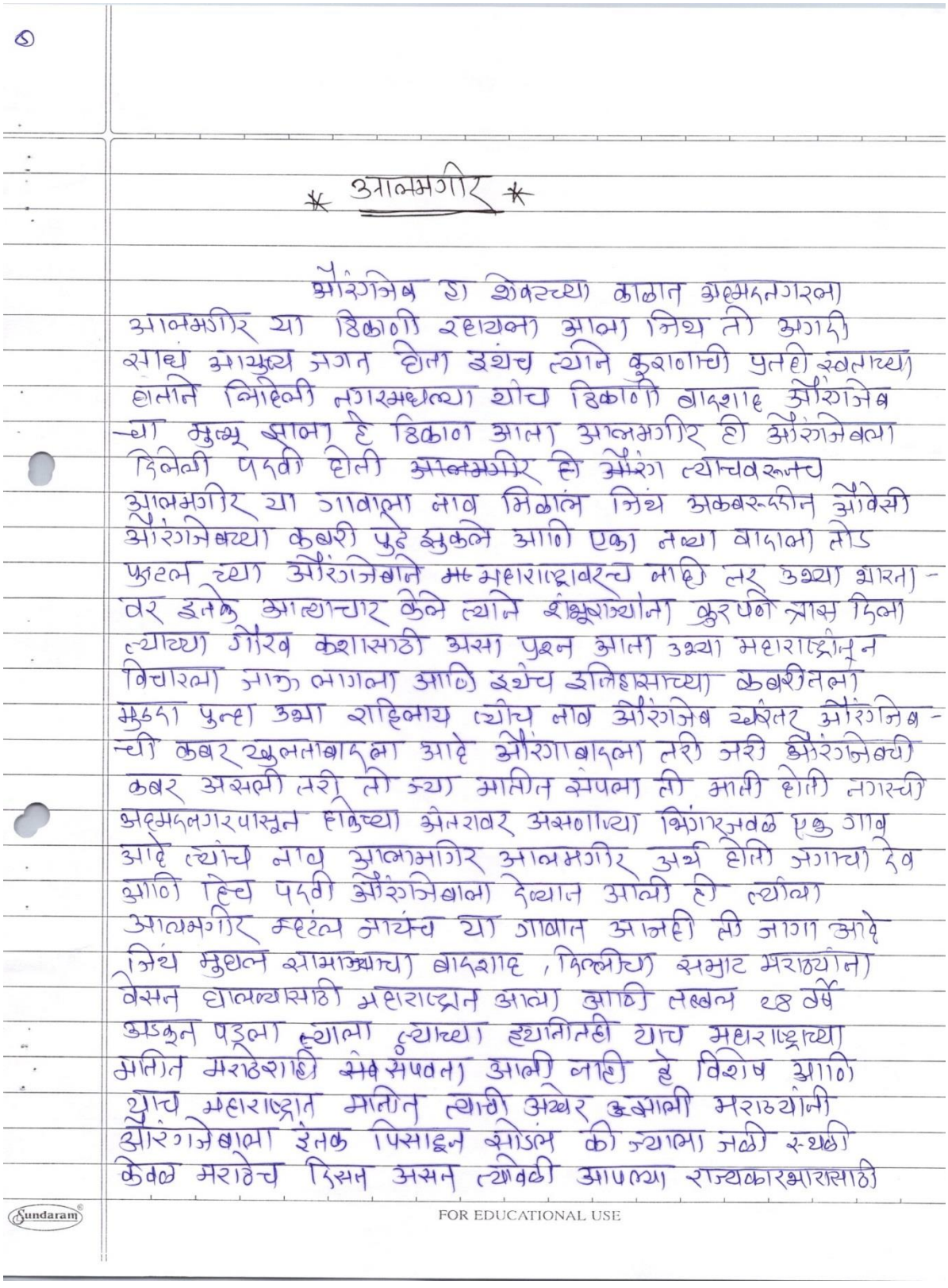
हया इमारतीचा आकार मुळात चौकोनी असला तरी कोपरे काटकोनात मिळवता यावेत म्हणून ती अनियमित अष्टकोनी आकारात असून ती चबुतऱ्यापासून १५.२४ मी उंच आहे हयात मध्यभागी विशाल कक्षा असून त्याच्या चारी बाजुस चौरस व चार आयतकृती खोल्यांची रचना केली होती मध्यभागी असणाऱ्या ६ कक्षासमोर सभामंडपाकडे उघणाऱ्या चार उंच कमानी बांधण्यात आल्या होत्या त्यापैकी केवळ २ शिल्लक आहे प्रत्येक कमानीतून पाच प्रवेशद्वारांच्या चार रांगा आहेत प्रत्येक मजल्यावर दोन रांगा आहेत पहिल्या मजल्यावर बऱ्याचशा खोल्या पडलेल्या आहे त्या कमानीतून तयार झालेल्या खोल्यांच्या भिंतीत कोरल्या केलेल्या तयार झालेल्या आहेत व त्या चुन्याच्या गिलाव्यात तयार केलेल्या सुंदर आकृतींनी ~~सजले~~ सुशोभीत आहेत ~~व त्या चुन्याच्या~~ व त्या चुनाच्या गिलाव्यात तयार केलेल्या सुंदर आकृतींनी असणारी कलाकुसर फारच महत्वाच्या गौरव शाली भूतकाळ व्यक्त करण्यात समर्थ आहे आतल्या इतरा अधिसुचना क्र. २००४ दि. २६.०५.१९०९ द्वारा हे राष्ट्रीय महत्वाचे स्मारक म्हणून घोषित केले आहे.



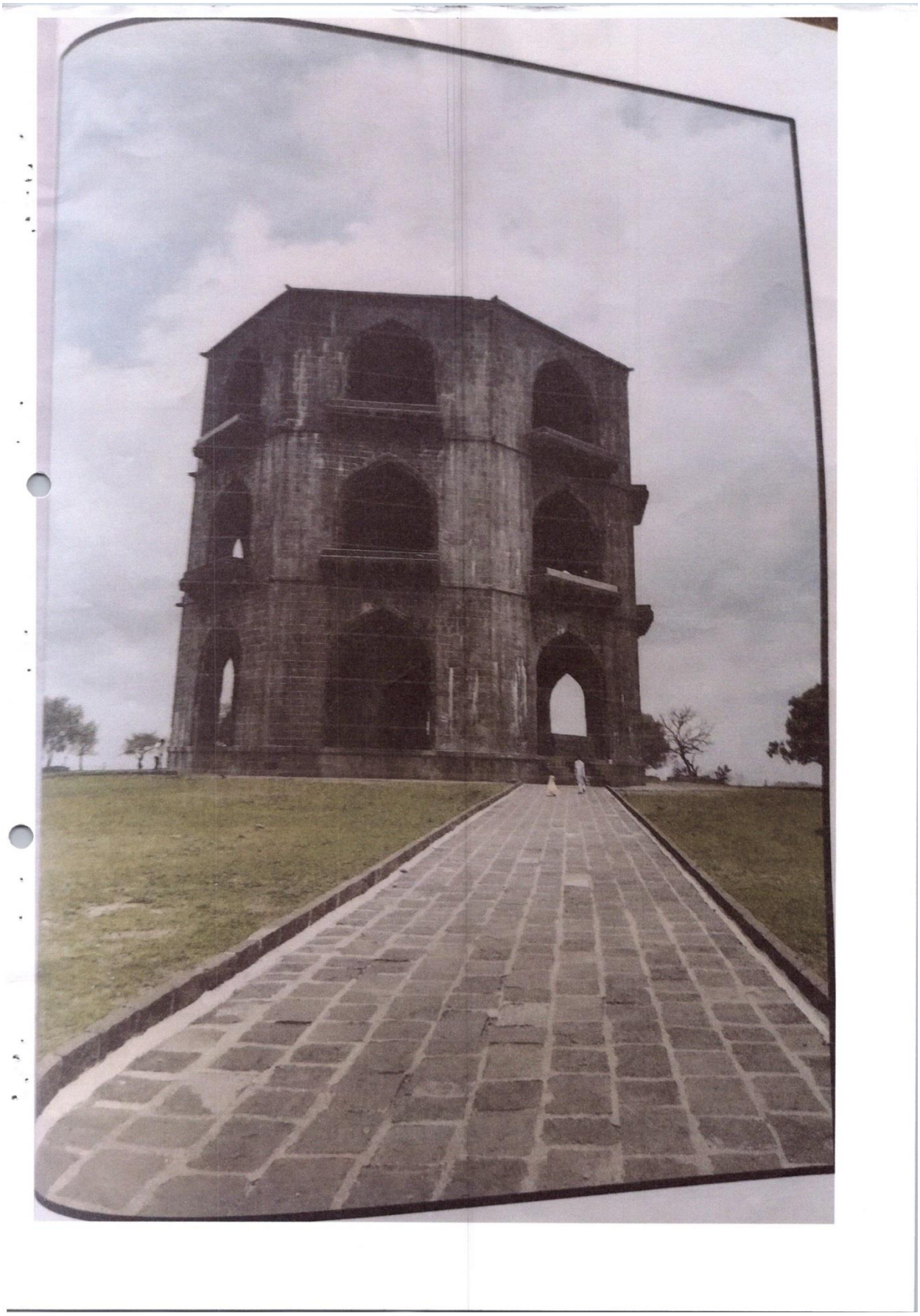
* औरंगजेब *

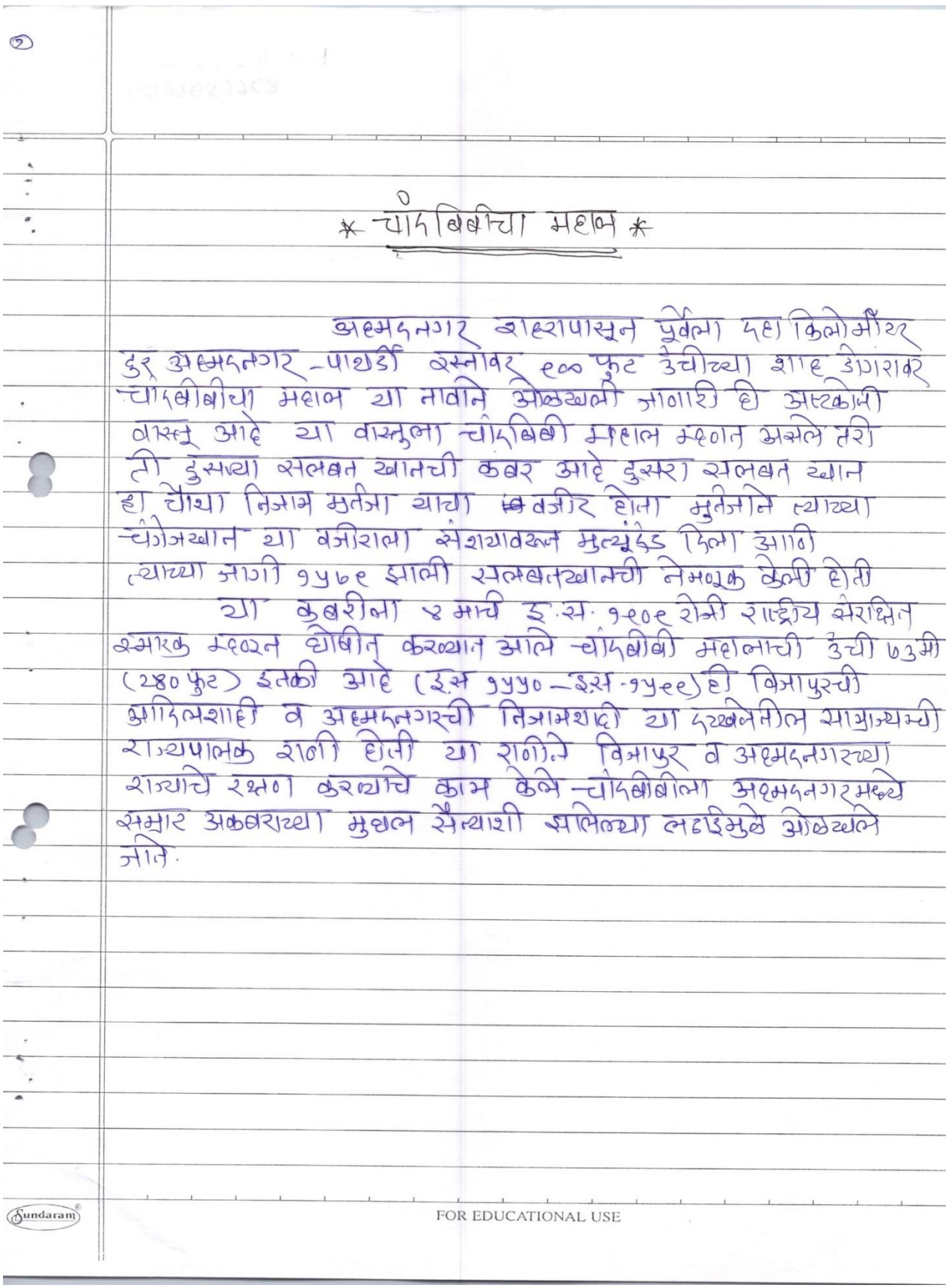
औरंगजेब हा शेवटच्या काळात अहमदनगरला आलमगीर या ठिकाणी रहायला आला तिथ तो अगदी साध्या आयुष्य जगत होता इथंच त्याने कुराणाची प्रतही स्वतःच्या हातानं लिहिली नगरमध्ये याच ठिकाणी बादशाह औरंगजेब चा मृत्यू झाला हे ठिकाण आता आलमगीर ही औरंगजेबची दिलेली पदवी होती आलमगीर हे औरंग त्याचंवरूनच आलमगीर या गावाला नाव मिळालं तिथं अकबरुद्दीन ओवेसी औरंगजेबच्या कबरी पुढे झुकले आणि एका नव्या वादाला तोंड फुटलं च्या औरंगजेबाने महाराष्ट्रावरच नाही तर उभ्या भारता-वर इतके अत्याचार केले त्याने हिंदूंच्यांना क्रूरपणे त्रास दिला त्याच्या गौरव कशासाठी असा प्रश्न आता उभ्या महाराष्ट्रातून विचारला जाऊ लागला आणि इथेच इतिहासाच्या कबरीतला मुद्दा पुन्हा उभा राहिलाय त्यांच नाव औरंगजेब खुलताबाद ला आहे औरंगाबादला तरी जरी औरंगजेबची कबर असली तरी तो ज्या मातीत संपला ती माती होती नगरची अहमदनगरपासून हाकेच्या अंतरावर असणाऱ्या भिंगारजवळ एक गाव आहे त्यांचं नाव आलमगीर आलमगीर अर्थ होतो जगाचा देव आणि हिच पदवी औरंगजेबाला देण्यात आली हे त्यांचा आलमगीर म्हटलं जायचं या गावात आजही ती जागा आहे जिथं मुघल साम्राज्याचा बादशाह, दिल्लीचा सम्राट मराठ्यांना वेसन घालण्यासाठी महाराष्ट्रात आला आणि तब्बल २८ वर्षे अडकून पडला त्याला त्याच्या हयातीतही याच महाराष्ट्राच्या मातीत मराठेशाही संपवता आली नाही हे विशेष आणि याच महाराष्ट्रात मातीत त्याची अखेर झाली मराठ्यांनी औरंगजेबाला इतकं पिसाडून सोडलं की ज्याला जळी स्थळी केवळ मराठेच दिसत असत त्यांची आपल्या राज्यकारभारासाठी

(2)

औरंगजेबाने जी जागा निवडली ती हीच आलमगीरची जागा होती 26 वर्ष म्हणजे 1681 ते 1707 म्हणजेच औरंगजेबाच्या मृत्यूपर्यंत तो इथेच शाहेला छत्रपती शिवाजी महाराजांनी 1680 साली देह ठेवला आणि त्यांच्यानंतर वर्षे अशा औरंगजेब व मराठे शाहीचा अस्त करण्याच्या इच्छेने ते दक्षिणेत आला होता त्याच्या मृत्यू-नंतर आपल्याला आपल्या गुरुच्या बाजुला स्थान मिळावं अशी औरंगजेबाची इच्छा होती त्याच इच्छेनुसार त्याला त्याचे गुरुच्या बाजुच्या इच्छेवरून गुरु शेख झैनुद्दीन त्याला त्याचे गुरुच्या सुफी संताच्या बाजुला गाडण्यात आल त्यासाठी त्याचं पार्थिव अहमदनगरहून औरंगजेबाच्या खुलताबाद इथ नेण्यात आल आणि त्यांची शेवटची इच्छा पूर्ण करण्यात अली अकबरुद्दीन ओवेसी सिथ गेले होते तीच खुलताबाद मध्ये ही जागा

आता ज्या जागी ओवेसी सह जलील यांनी याची मान झुकावल्याने वाद निर्माण झालेले आहे यामुळे आलमगीर हे ऐतिहासिक स्थळ म्हणून ओळखले जाते.





* चांदबिबीचा महाल *

अहमदनगर शहरापासून पूर्वेला दहा किलोमीटर दूर अहमदनगर-पाथर्डी रस्त्यावर १०० फूट उंचीच्या शाह डोंगरावर चांदबीबीचा महाल या नावाने ओळखली जाणारी ही अप्रतिम वास्तू आहे या वास्तूला चांदबिबी महाल म्हणत असले तरी ती दुसऱ्या सलाबत खानची कबर आहे दुसरा सलाबत खान हा चौथा निजाम मुर्तजा याचा वजीर होता मुर्तजाने त्याच्या चंगेजखान या वजीराला संशयावरून मृत्युदंड दिला आणि त्याच्या जागी १५७९ झाली सलाबतखानची नेमणूक केली होती

या कबरीला ४ मार्च इ.स. १९०९ रोजी राष्ट्रीय संरक्षित स्मारक म्हणून घोषीत करण्यात आले चांदबीबी महालाची उंची ७३मी (२४० फुट) इतकी आहे (इ.स १५५०-इ.स.१५९९) ही विजापुरची आदिलशाही व अहमदनगरची निजामशाही या दख्खनेतील साम्राज्यची राज्यपालक राणी होती या राणीने विजापुर व अहमदनगरच्या राज्याचे रक्षण करण्याचे काम केले-चांदबीबीला अहमदनगरमध्ये सम्राट अकबराच्या मुघल सैन्याशी झालेल्या लढाईमुळे ओळखले जाते.