

Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's

# Shri Dr. R. G. Rathod Arts and Science College, Murtizapur Dist.-Akola (MS)

Affiliated to Sant Gadge Baba Amravati University, Amravati

Website – <a href="http://rgrcollmzr.ac.in">http://rgrcollmzr.ac.in</a>



#### 2.3: TEACHING- LEARNING PROCESS

2.3.1: Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process.



Shri. Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's

## Shri. Dr. R. G. Rathod Arts & Science College

Murtizapur, Dist. Akola, Pin Code 444107 (MS)

(Affiliated By S.G.B. Amravati University, Amravati)

www.rgrcollmzr.ac.in Ph. No. 07256-243951 Email: artssciencecollege@rediffmail.com Fax No. 07256-242021

Smt. D. R. Rathod President

Dr. A. R. Rathod Secretary Dr. A. P. Charjan Principal

Ref. RGRASK/2012-23/55R

Date 10/03/2023

#### Declaration

This is to declare that the information, reports, true copies, numerical data, etc. furnished in this file as supporting documents are verified by IQAC and found correct.

Hence this certificate.

Dr. P. M. Makode Coordinator

Shri. Dr. R. G. Rathod Arts and Science College, Murtizapur, Dist. Akola Dr. A. P. Charjan
Principal
Shri. Dr. R. G. Rathod Arts & Science
College, Murtizapur, Dist. Akola

## **Department of Physics**

## Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur Dist. Akola Department of Physics **Group Discussion Report**

Department organized Student Group Discussion Activity on the topics as per university syllabus for the personality development of the students.

#### **Details of Group Discussion Activity:**

Sr. No.	Session	No. of students Enrolled for Group Discussion	No. of students Participated for Group Discussion
01	2015-16	57	56
02	2017-18	70	70
03	2018-19	73	71

Department of Physics

Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akela



## **Department of Physics**

## **Student Activities**

Department motivate the students for participating in Puzzle / MCQ / Quiz like activities. Following Number of Students of department Participated and attended the various Programmes in last Four years at college level Activity.

Sr. No.	Year/Session	No. of Student/Year	Activity Name	Organized By
01	2017-18	65 Student Participated	Puzzle Activity	Department of Physics Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur
02	2018-19	62 Student Participated (B.Sc II Year)	MCQ Activity	Department of Physics Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur
03	2019-20	29 Student Participated	Video Lecture Series (IUCAA-2020)	Department of Physics Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur
03	2019-20	56 Student Participated (B.ScIII Year)	Quiz Activity	Department of Physics Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur

Department of Physics
thri Dr. R.G. Rathod Arts & Science
College, Murtizapur

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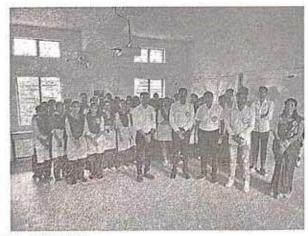
Principal Shri, Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola

## SHRI DR. R. G. RATHOD ARTS & SCIENCE COLLEGE, MURTIZAPUR DIST. AKOLA. **Department of Physics Poster Presentation Competition Report**

Department organized Poster Presentation Competition on the topics as per the university syllabus for the personality development of the students.

#### **Details of Poster Presentation Competition:**

Sr. No.	Year/Semester	No. of students Enrolled for poster presentation	No. of Students presenting poster presentation	% of Completion of Poster Presentation Competition
01	2016-17	62	59	95.16%
02	2017-18	69	63	91.30%
03	2018-19	72	70	97.22%
04	2019-20	72	72	100.00%
05.	2022-23	59	42	71.19%





Dt.: 28/11/2022

Prof Incharge

Department of Physics

Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola

## Department of Physics

## Study Tour Report

Session: 2017-18

Department of Physics organized the Educational Tour for the student of B.Sc. III (48 Student Participated) year at the RAMAN SCIENCE CENTER, Nagpur on dated 03rd Oct. 2015 for motivating the students toward science. The center is the part of the National Council of Science Museums (NCSM) and branch of Nehru science center, Mumbai. Students visited the gallery have different practical based shows related to physics; one of them is a 3D film which is a motion Picture that enhances the illusion of depth perception, derived from stereoscopic photography, a regular motion picture camera system is used to record the images. Another was television broadcasts and direct-to-video films have also incorporated similar methods, especially science the advent of 3D television This will take you to the wonderful journey of Information and Communication Technology Starting from cave paintings to the modern world of Internet. This gallery uses various intelligent systems such as mobile handsets, Computers, Internet, Communication Satellites, Optical fibers, Laser gadgets and other image processing gadgets such as a Computer Tomography machine etc. as a mode of edutainment. In this center students visited the show which namely PLANETARIUM in that we learn about the galaxy and how our earth is form at the time of Big-Bang theory and how stars and other planet are moves in their orbit. How Galileo found or invent that and how it can be proved in that show0, students also see how the full moon and eclipse are form from the sun. Students visits 3D show in that show student learn how the Neil Armstrong go on the moon, and there is so many information for students and other people to collect. After visiting RAMAN SCIENCE CENTER, we visited to the Famous park of Nagpur City namely MAHARAJA PARK and in that park student saw the animal park "ZOO" and different types of Planet etc.,

Department of Physics

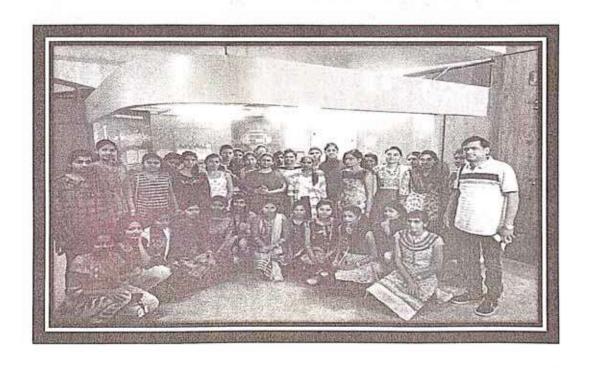
Shri, Dr. R. G. Record Arts & Science College, Muriizapur, Dist. Akola

## **Department of Physics** Study Tour

## Session-2017/18

Department organized Study Tours at different Scientific Institutions, Educational Organizations, Industries etc. for up gradation of knowledge and motivation of students towards Basic Sciences.

Sr. No.	Place of Visit	Date of Visit	No. of Student Participated
01	Raman Science Center, Nagpur, Maharashtra.	9 <sup>th</sup> Mar. 2018	48 (B.Sc. III Year SEM- VI)



Department of Physics



Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola

## Department of Physics

## Study Tour Report

Session: 2018-19

Department of Physics organized the Educational Tour for the student of B.Sc. III (71 Student Participated) year at the RAMAN SCIENCE CENTER, Nagpur on dated 03rd Oct. 2015 for motivating the students toward science. The center is the part of the National Council of Science Museums (NCSM) and branch of Nehru science center, Mumbai. Students visited the gallery have different practical based shows related to physics; one of them is a 3D film which is a motion Picture that enhances the illusion of depth perception, derived from stereoscopic photography, a regular motion picture camera system is used to record the images. Another was television broadcasts and direct-to-video films have also incorporated similar methods, especially science the advent of 3D television This will take you to the wonderful journey of Information and Communication Technology Starting from cave paintings to the modern world of Internet. This gallery uses various intelligent systems such as mobile handsets, Computers, Internet, Communication Satellites, Optical fibers, Laser gadgets and other image processing gadgets such as a Computer Tomography machine etc. as a mode of edutainment. In this center students visited the show which namely PLANETARIUM in that we learn about the galaxy and how our earth is form at the time of Big-Bang theory and how stars and other planet are moves in their orbit. How Galileo found or invent that and how it can be proved in that show0, students also see how the full moon and eclipse are form from the sun. Students visits 3D show in that show student learn how the Neil Armstrong go on the moon, and there is so many information for students and other people to collect. After visiting RAMAN SCIENCE CENTER, we visited to the Famous park of Nagpur City namely MAHARAJA PARK and in that park student saw the animal park "ZOO" and different types of Planet etc.,

Department of Physics

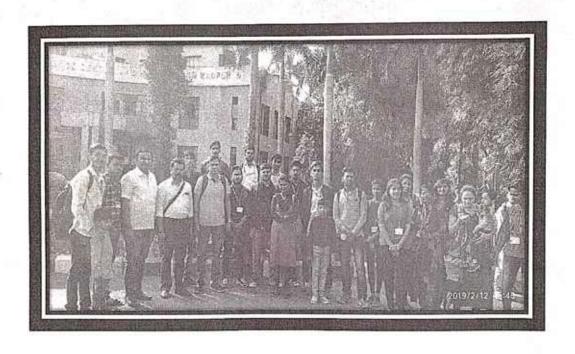
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## **Department of Physics Study Tour** Session- 2018/19

Department organized Study Tours at different Scientific Institutions, Educational Organizations, Industries etc. for up gradation of knowledge and motivation of students towards Basic Sciences.

Sr. No.	Place of Visit	Date of Visit	No. of Student Participated
01	Raman Science Center, Nagpur, Maharashtra.	12 <sup>th</sup> Feb. 2019	71 (B.Sc. III Year SEM- VI)



Department of Physics



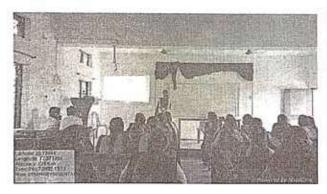
Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola

## Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur Dist. Akola Department of Physics **Student Seminar Presentations**

Department conducting Student Seminars as per the University syllabus:

Last Five Years Seminar Presentations:

Sr. No.	Year/Semester	No. of students Admitted	No. of Students Presented Seminar	% of Presented Seminar
01	2015-16	76	75	98.68%
02	2016-17	79	76	96.20%
03	2017-18	79	71	89.87%
04	2018-19	68	57	83.82%
05	2019-20	72	70	97.22%
06	2020-21	16	12	75.00%
07	2021-22	12	08	66.67%
08	2022-23	68	64	74.42%





**Prof Incharge** 

Department of Physics

Principal Shri. Dr. R. G. Rathod Arts & Science College, Muritzapur, Dist. Akola





# SHRI. DR. R. G. RATHOD ARTS & SCIENCE COLLEGE, MURTIZAPUR, DIST. AKOLA DEPARTMENT OF PHYSICS

## **Guest Lecture Series Report**

Department started the guest lecture series of eminent personalities of physical science who delivered the lectures and upgraded the knowledge from academic year 2015-21.

Sr. No.	Date/Year	Guest Lecture by	Topic	Students	Photo
T	2015-16	Dr. S. S. Kawar	"Post-graduation opportunities after Graduation"	B. Sc. I, II & III	
2	2016-17 13 / 10 / 2016 28 / 02 / 2017	Dr. G. T. Lambdhade Dr. V. S. Kalyamwar	"Oscillator & Multivibrators" "Concept of Mechanics"	B. Sc. 1 B. Sc.III	J. J. P.
3	2017-18 04 / 04 / 2018	Dr. G. R. Dhokhane	" e -Waste Management"	B. Sc. I, II & III	I.M.
4	2018-19 08 / 03 / 2019	Dr. D. R. Bijwe Dr. D. T. Dongre	"Superconductor & its Applications" "Nanotechnology & Its Applications"	B. Sc. I, II & III	
5	2019-20 03/03/2020	Dr. R. A. Patil Dr. P. A. Nagpure	Polarization Superconductivity	B. Sc. I, II.	

# SHRI. DR. R. G. RATHOD ARTS & SCIENCE COLLEGE, MURTIZAPUR, DIST. AKOLA DEPARTMENT OF PHYSICS

6	2020-21 15-10-2020	Dr. N. R. Pawar	Recent Trends in Advanced Physics	B. Sc. 1, II & III	
7	2021-22 29-12-2021	Dr. M. R. Belkhedkar	Physics and Career Opportunities in Physics	B. Sc. I, II & III	AND THE RESERVE OF THE PARTY OF
8	2022-23 01-10-2022	Dr. A. S. Wadatkar	Energy Conservation	B. Sc. I, II & III	

Teacher Incharge

Head Shipson

Shri, Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola

## Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur Dist. Akola Department of Physics Physics Society

Every year department formed the Physics Society, a student association is involved in activities to encourage students to participate in paper presentation, aptitude test, attending guest lecture taken by renowned personalities, Poster Presentation etc.

## Physics Society (2016-17):

This Year the society was inaugurated on 13th October 2016 by Dr. G. T. Lambdhade, Associate Professor, Department of Physics Vidyabharati Mahavidayalaya, Amravati. He delivered guest lecture on "Oscillator & Multivibrators" at this occasion. Miss. Aachal Sharma (B.Sc.III year) student was elected as a president of the Society & Mr. Hitesh Sherekar (B.Sc.III year) student was elected as a Secretary.

## Physics Society (2017-18):

The society was inaugurated on 4th April 2018 by Dr. G. R. Dhokhane, Associate Professor, Department of Physics, Arts, Commerce and Science College, Chikhaldara, Dist. Amravati. He delivered guest lecture on. "e -Waste Management" at this occasion. Miss. Chandani Sharma (B.Sc.III year) student was elected as a President of the Society & Miss. Kalyani Savadtkar (B.Sc.III year) student was elected as a Secretary.

## Physics Society (2018-19):

The society was inaugurated on 8th March 2019 by Dr. D. T. Dongare, Associate Professor, Department of Physics, SSSKR Innani Mahavidyalaya, Karanja Lad, dist. Washim. He delivered guest lecture on "Nanotechnology & Its Applications" at this occasion. Mr. Swastik Chutke (B.Sc. III year) student was elected as a President of the Society & Miss. Ulka Natkar (B.Sc.III year) student was elected as a Secretary.

## Physics Society (2019-20):

The society was inaugurated on 3th March 2020 by Dr. R. A. Patil, Associate Professor & Head Department of Physics, SSSKR Innani Mahavidyalaya, Karanja Lad, dist. Washim. And Dr. P. A. Nagpure, Associate Professor Department of Physics Shri Shivaji Science College. Amravati. They delivered guest lectures on "Polarisation" & "Semiconductor Material" at this occasion. Mr. Raj Gaware (B.Sc. III year) student was elected as a President of the Society & Miss. Nikita Kale (B.Sc.III year) student was elected as a Secretary.



## Physics Society (2021-22):

The society was inaugurated on 29th Dec 2021 by Dr. M. R. Belkhedkar, Assistant Professor Department of Physics, Shri Shivaji College of Arts, Commerce and Science, Akola. He delivered a guest lecture on Opportunities after Graduation at this occasion. Miss. Vaishnavi D. Deshmukh (B.Sc.-III year) student was elected as a President of the Society & Miss. Vaishnavi G. Giri (B.Sc.-III year) student was elected as a Secretary.

## Physics Society (2022-23):

The society was inaugurated on 04th Dec 2022 by Dr. A. S. Wadatkar, Assistant Professor,
Department of Physics, Vinayak Vidnyan Mahavidylaya, Nandgaon (Kh.) Dist. Amravati. He delivered a
guest lecture on "Energy Conservation" at this occasion. Miss. Pallavi R. Mane (B.Sc.-III year) student was
elected as a President of the Society & Miss. Tejal S. Kumbhekar (B.Sc.-II year) student was elected as a
Secretary.

Dt.: 28/11/2022

**Prof Incharge** 

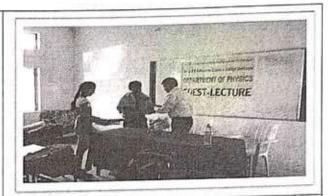
Head Department of Physics

Principal
Shri. Dr. R. G. Rathod Arts & Science
College, Murtizapur, Dist. Akola



## Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur Dist. Akola **Department of Physics Physics Society-Photos**

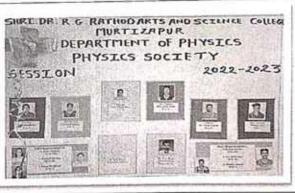












Dt.: 28/11/2022

**Prof Incharge** 

Dist. Akola

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Head

Department of Physics

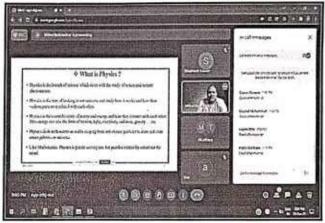
Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola

#### Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur Dist. Akola Department of Physics Physics Society Report Session: 2021-22

Every year department formed the Physics Society, a student association is involved in activities to encourage students to participate in paper presentation, aptitude test, attending guest lecture taken by renowned personalities, Poster Presentation etc.

In this academic year 2021-22 the society was inaugurated on 29th Dec 2021 by Dr. M. R. Belkhedkar, Assistant Professor Department of Physics, Shri Shivaji College of Arts, Commerce and Science, Akola. He delivered a guest lecture on Opportunities after Graduation at this occasion. Miss. Vaishnavi D. Deshmukh (B.Sc.-III year) student was elected as a President of the Society & Miss. Vaishnavi G. Giri (B.Sc.-III year) student was elected as a Secretary.





Department of Physics

Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola



## Shri. Dr. R. G. Rathod Arts & Science College Murtizapur, Dist. Akola

## Department of Physics

## PHYSICS VIDEO LECTURE SERIES 2019-20

Department of Physics arranges Video Lecture Series of IIT, NIT (NPTEL Programmes) for B. Sc students on 10 -12 Feb 2020 for academic Year 2019-20.

#### List of Video Lectures

Sr. No.	Name of Lecture	Programme	For Year/ Semester
1	Wind Energy	NPTEL	II-Year/ IV Semester
2	Polarization	IIT KGP	II-Year/ IV Semester
3	Intro of holography	IIS -Bangalore	II-Year/ IV Semester
4	Optical Fiber	NPTEL	II-Year/ IV Semester
5	Optical fiber communication	NPTEL	II-Year/ IV Semester
6	Optical fiber fabrication	NPTEL	II-Year/ IV Semester

Head of Department



## Shri. Dr. R. G. Rathod Arts & Science College Murtizapur, Dist. Akola

## Department of Physics

## PHYSICS VIDEO LECTURE SERIES 2021-22

Department of Physics arranges Video Lecture Series of IIT, NIT (NPTEL Programmes) for B. Sc students on 07 -12 Mar 2022 for academic Year 2021-22.

## List of Video Lectures

Sr. No.	Name of Lecture	Programme	For Year/ Semester
1.	Wind Energy	NPTEL	II-Year/IV-Semester
2.	Polarization	IIT KGP	II-Year/IV-Semester
3.	Intro of holography	IIS -Bangalore	II-Year/IV-Semester
4.	Optical Fiber	NPTEL	II-Year/IV-Semester
5.	Optical fiber communication	NPTEL	II-Year/IV-Semester
6.	Optical fiber fabrication	NPTEL	II-Year/IV-Semester
7.	Renewable Energy	IIT Mumbai	II-Year/IV-Semester

Head of Department

# Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur Department of Physics

## List of e-Content Developed & Use by Teachers

Teachers and the Students of the department developed Simulation Software of Physics Practical's "Virtual Physics Lab", the CD of the software is available with department and the details of the software is as follows:

Sr.	Name of Software	Year/Semester	S/W Icons
No. 1.	To study Ohm's Law.	I-Year/II-Semester	<b>}</b> •€
2.	To determine the value of Resistanceby Color Code Method.	I-Year/II-Semester	3
3.	To verify Kirchhoff's Voltage Law(KVL):	I-Year/II-Semester	KVL
4.	To verify Kirchhoff's Current Law(KCL).	I-Year/II-Semester	KCL
<b>5.</b>	OP-Amp as an Inverting Amplifier.	II-Year/III-Semester	Insertice in the
6.	OP-Amp as a Non-InvertingAmplifier.	II-Year/III-Semester	one-one)
5 1 7: F	OP-Amp as an Adder:	II-Year/III-Semester	Adder
8.	To study various Crystal Structures.	III-Year/VI-Semester	国
9.	To find the Values of Resistivity and Temp.  Coefficient of Solids at Room Temperature.	III-Year/VI-Semester	0

## Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur Department of Physics **Details of ICT Facilities**

Sr. No.	Name of Item	Quantity
01	Desktop PC	02
02	LCD Projector	01
03	Internet & LAN	01
04	USB HDD	01
05	Printer	01
06	UPS	01

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Principal Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola

# **Department of Chemistry**

## SHRI DR. R. G. RATHOD ARTS AND SCIENCE COLLEGE, MURTIZAPUR DIST – AKOLA

## GROUP DISCUSSION REPORT (YEAR: 2017-2018)

#### CHEMISTRY - DEPARTMENT

Department of Chemistry Organised group discussion on dated 01/03/2018 for B.Sc-III Students under the guidance of our Principal and Head Department of Chemistry.

Dr.D.B.Dupare was nominated as Incharge of group discussion for this session. The near about 86 students from B.Sc-III Participated in this activity.





As a view of Chemistry background students, Students gain Knowledge about Syllabus topic and out of Syllabus also Study together method. All gather student's participant students satisfied and enjoy of this group discussion Activity.

Incharge HEAD Principal

Dr D.B.Dupare DEPARTMENT OF CHEMISTRY



#### SHRI DR. R. G. RATHOD ARTS AND SCIENCE COLLEGE, MURTIZAPUR DIST – AKOLA

Guest lecture Report (Year: 2018-2019)

#### DEPARTMENT OF CHEMISTRY

**Guest lecture: 2018-2019** 

Department of chemistry organized guest lecture at 05/03/2019 for the year 2018-2019 year in seminar hall under the guidance of our principal Dr.A.P.Charjan sir

Guest lecture Department of chemistry organized guest lecture at 05/03/2019 for the year 2018-2019 year in seminar hall for M.Sc-I year students on topic of "Organic Name Reaction". MSc-I Year students actively participate guest lecture to solve the name Deliver by Dr. Amit Yhul, Head, Department of chemistry, Narayanrao Kale Smruti Model College Karanja (GH), Di-Wardha.



The Dr.D.B.Dupare, Head Department of chemistry was President of this function on this occasion Shri Dr. Amit Yhul deliver lecture on "Organic Name Reaction".

Dr.D.B.Dupare

Head Department of chemistry

## SHRI DR. R. G. RATHOD ARTS AND SCIENCE COLLEGE, MURTIZAPUR DIST – AKOLA

GROUP DISCUSSION REPORT (YEAR: 2016-2017)

#### CHEMISTRY -DEPARTMENT

Department of Chemistry Organised group discussion on dated 14/03/2017 for B.Sc-II Students under the guidance of Shri G.H.Murhekar , Head Department of Chemistry .

Dr.D.B.Dupare was nominated as Incharge of group discussion for this session. The near aboutstudents from B.Sc-II Participated in this activity.





As a view of Chemistry background students, Students gain Knowledge about Syllabus topic Study together method. All gather student's participant students satisfied and enjoy of this group discussion Activity.

Incharge

Dr D.B.Dupare



#### SHRI DR. R. G. RATHOD ARTS AND SCIENCE COLLEGE, MURTIZAPUR DIST – AKOLA

## Poster Presentation competition Report (Year: 2021-2022)

#### DEPARTMENT OF CHEMISTRY

Poster Presentation competition: 2021-2022

The Nobel Scientific poster Competition held on 9/05/2022 for B.Sc-III Students the year 2021-2022 year in Department of chemistry under the guidance of our principal Dr.A.P.Charjan sir.

Dr.D.B.Dupare was nominated as In charge of Poster Presentation competition for the session. The B.Sc.-III 82 Students were Participate for Poster Presentation competition.



#### Presentation competition

Presentation competition was held on 9/05/2022 For Inauguration Ceremony Dr.A.S.Tankar, Liberian of Our College, was chief Guest.

The Dr.D.B.Dupare , Head Department of chemistry, was President of this function on this occasion

Dr.D.B.Dupare In charge Dr.D.B.Dupare Head Department of chemistry

Principal



#### SHRI DR. R. G. RATHOD ARTS AND SCIENCE COLLEGE, MURTIZAPUR DIST – AKOLA

## Poster Presentation competition Report (Year : 2017-2018 ) DEPARTMENT OF CHEMISTRY

Poster Presentation competition: 2017-2018

Chemical society was established at 21/08/2017 for the year 2017-2018 year in Department of chemistry under the guidance of our principal Dr.A.P.Charjan sir and Dr.D.B.Dupare, Head Department of chemistry.

Dr.D.B.Dupare was nominated as In charge of Poster Presentation competition for the session. The B.Sc.-II Students were Participate for Poster Presentation competition under the of Chemical society.



#### Presentation competition

Presentation competition was held on 21/08/2017 For Inauguration Ceremony Dr. S.A.Waghmare, Assistant Professor Ghulam Nabi Azad Arts & Science College, Barshitdakali Dist. Akola was chief Guest.

The Dr.D.B.Dupare, Head Department of chemistry, was President of this function on this occasion Shri Dr. S.A.Waghmare for B.Sc.-II Chemistry Students."

Dr.D.B.Dupare In charge Dr.D.B.Dupare Head Department of chemistry

## Project Work Done by the PG Students Sant Gadge Baba Amravati University, Amravati Shri Dr. R. G. Rathod Arts and Science College, Murtizapur

#### Department Of Chemistry M.Sc Final Year Sem-IV List of Project Work

Sr. No	Student Name	Title of Project	Year
1	Dnyaneshwar Mate	Catalyst Free Synthesis of Phenylpyrano- pyrazole using Glycerol as Recyclable Solvent	2019-20
2	Megha Bhimrao Ingole	Study the Effect of Temperature and Solvents on Crystallization of Acetanilide	2019-20
3	Dnyaneshwari V. Turkhade	Water Mediated Synthesis of Organic Compounds	2020-21
4	Shivani Dubey	Pd Catalysed Cross Coupling Reaction in Organic Synthesis.	2020-21
5	Sangeeta Kadwe	Utilization of Deep Eutectic Solvent in various Organic Synthesis	2020-21
6	Aditi Rameshrao Asolkar	An Efficient Solvent free protocol for the Synthesis of Phenylpyrimidine-Carboxamide	2021-22
7	Prajwal Sanjay Dabadghao	Ultrasound-Assisted Green Protocol for Multi-Component Synthesis of Dihydropyrano[2,3-c] Pyrazole	2021-22
8	Pratiksha Prabhakar Dange	An Efficient Solvent free protocol for the Synthesis of Pyrimidine Carbonitrile	2021-22
9	Rupali wagh	A Green Protocol for The Synthesis of Pyrazole pyrimidines	2021-22
10	Shruti panjabrao Iingle	Ultrasound-Assisted Green Protocol for Multi-Component Synthesis of Dihydropyrano[2,3-c]Pyrazoles	

**Head Of The Department** 

Dr. D. B. Dupare

<sup>nt</sup> रसा**यनशारत्र विभाग** श्री.डॉ.आ**र.जी.**सतोड कला व विज्ञान

मह्मविद्यालय, मुर्तिजापूर, जि. अकोला

Incharge Teacher

Dr. S. V. Deshmukh

# Shri. Dr. R. G. Rathod Arts and Science College Murtizapur Dist. Akola Department of Chemistry List of Project Students

	Ye	ar 2020-21
1	Ms. Sakshi Gajanan Pinjarkar	A short review of application of Grignard's reagents in the synthesis of natural products.
2	Ms. Dipti Dattatray Gawande	Review of article of organolithium reagents in the synthesis of organic chemistry.
3	Mr. Lukesh Gunwantrao Rangari	Review article of Organopalladium reagents in the synthesis of organic products.
	Ye	ar 2021-22
1	Dnyaneshwari Jayantrao Wagh	The review and synthesis of aldol reaction (Acetone and benzaldehyde)
2	Muskan Haresh Chandwani	The review and synthesis of aldol reaction (Acetophenone and benzaldehyde)
3	Rutuja Arvind Thakre	The review and synthesis of aldol reaction (Acetaldehyde and Acetaldehyde)

Supervisor

Mr. A. K. Raut

Asst.Prof.

H.O.D

Principal

Dr. D. B. Dupare

विभाग प्रमुख रसायनशास्त्र विभाग थी. डॉ. आर.जी. गतोड कल्य ग विज्ञान

महान्यालयः, मृतिकापुरः वितः अद्योका



## SHRI DR. R. G. RATHOD ARTS AND SCIENCE COLLEGE, MURTIZAPUR DIST – AKOLA

#### **ACTIVITY REPORT (YEAR: 2019-20)**

# Session 2019-20 Department of Chemistry Tour-Report

Academic visit (a part of industrial visit) was carried out at KALASH SEEDS & research Centre Jalna on 29th January 2020 especially for M sc.-I, M Sc- II & B sc. –III Year Number of students participated: 44 students. On the fixed date all student came on the given time at Shri Dr. R. G. Rathod College Murtizapur. We went from college toward KALASH SEEDS at 7 o' clock by travels. We reached the hotel Ellora crown to stay and then morning time we went toward KALASH SEEDS research Centre. The journey was near about 12 hours. On the gate of research Centre, they register the entry of all the student and give the permission to go inside the Centre. The main purpose of the visit was to make students aware about how various activities are carried out in KALASH SEEDS research Centre and how they are useful and beneficial in daily life.

Dr. D.B. Dupare sir, Asst prof K. D. Nirde Sir along with 44 students visited the research Centre located in Jalna. The faculty member had an interaction with Director of research Centre Jalna and briefed him about the program of the department. The area was identified for possible collaboration of research Centre Jalna.



## SHRI DR. R. G. RATHOD ARTS AND SCIENCE COLLEGE, MURTIZAPUR DIST – AKOLA

## **ACTIVITY REPORT (YEAR: 2019-20)**





**Tour Incharge** Mr. K D Nirde

**Head of Dept**Dr. D B Dupare

Principal

#### REPORT OF INTER-COLLIGATE SEMINAR COMPETITATION

#### FOR M.Sc.-II STUDENTS-2020.

Department of Chemistry, Shri Dr.R.G.Rathod Arts and Science College, Murtizapur Di-Akola and Amravati University Chemistry Teacher's Association jointly organized an intercollegiate seminar competition for M.Sc-II, Semester –IV Chemistry Student's on 07<sup>th</sup> March 2020. The topic of the Seminar competition activity was "Electron Spin Resonance Spectroscopy."

The Inaugural Function was Presided over as Inaugurator by Honorable Dr.P.R.Rajput, President of Amravati University Chemistry Teacher's Association and Principal of S.S.S.K.R.Innani College, Karanja (Lad), Dist-Washim and Chairman as well as Chief Guest was Honorable Dr K.M.Kulkarni Ex-Director of Higher Education, Pune, and Ex Vice – Chancellor of SRTMU Nanded University. Dr K.N.Puri, Joint Secretary, AUCTA Amravati was also present in the function. Dr.D.B Dupare Head Department of Chemistry Shri Dr.R.G.Rathod Arts and Science College, Murtizapur Di-Akola introduced the Honorable Dr.P.R.Rajput, and Honorable Dr K.M.Kulkarni and informed them about Departmental and College progress The competition was started just after Inaugural function. The Fourteen Students from different P.G.Colleges were participated for this Seminar Competition.

Dr. P. S. Bodkhe, Vidyabharati Mahavidalaya Amravati, Dr. V. D. Mane, Shankarlal Khandelwal Arts, Science and Commerce College, Akola, and Dr. Miss M. W. Bhade, Amolakchand Mahavidalaya Yavatmal were the Judges in this Competition.

The Valedictory function was chaired by Honorable Dr K.M.Kulkarni. The Chief Guest was Dr.K.N Puri, Joint Secretary of AUCTA Amravati and Dr A.P. Charjan Principal of Shri Dr.R.G.Rathod Arts and Science College, Murtizapur Di-Akola. The Dr.K.N.Puri Joint Secretary of AUCTA Amravati guided the students on this occasion. Dr. P. S. Bodkhe, Vidyabharati Mahavidalaya Amravati, Dr. V. D. Mane, Shankarlal Khendelwal Arts, Science and Commerce College, Akola, and Dr. Miss M. W. Bhade, Amolakchand Mahavidalaya Yavatmal, Dr.D.B.Dupare Head Department of Chemistry Shri Dr.R.G.Rathod Arts and Science College, Murtizapur Di-Akola were also present in this function and express their view about an

intercollegiate seminar competition. The winners were felicitated by giving them prize and memento and participants by Certificate and flower.

Sr.no	Prize	Name of Students	Name of College
1	First-1000/- Rs	Ku Komal P.Joshi	Shri Shivaji Science College Amravati
2	Second- 700/-	Ku.Megha A.Kotak	S.S.S.K.R.Innani College, Karanja (Lad), Dist-Washim
3	Consolation -500/-	Ku.Palak T. Bhattad	Government Vidarbha Instituted of Science& humanities Amravati.



Convener Dr.D.B.DUPARE

## Shri. Dr. R.G. Rathod Arts and Science College Murtizapur Dist. Akola Department of Chemistry

Session: 2021-2022

## **Activity Report**

Activity Name: - Guest Lecture Date: 13/01/2022

Department of Chemistry organised "Guest Lecture" for B.Sc.-III Sem-V students on topic "Dyes, Drugs & Pesticides" by online mode. The Guest Speaker is Mr. Rajendra D. Ghodile Assistant Professor Dept. of Chemistry S.P.M. Science and Gilani Arts, Commerce College Ghatanji Dist. Yawatmal. Total 25 students attend Guest Lecture.



Date:13/01/2022 Incharge
Mr.V.R. Shrikhande
Asst. Prof.



## Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahathonda's

## Shri Dr. R. G. Rathod Arts and Science College, Murtizapur Dist.-Akola, (MS) (NAAC Accreditate B Grade with CGPA-2.63)

Web site: www.rgrcollmzr.sc.in Ph. No. - (07256) 243951

Email: artsseiencecollege@rediffmail.com Fax No. - (07256) 243951

## Department of Chemistry

#### List of ICT Tools

Sr.No	List of PPT Tools	Quantity
1	Computer Desktop pc with mouse ,key board	01
2	LCD PROJECTOR	01
3	Laptop (MRP)	01
4	Printer	01
5	White board &Chock	02

Shri, Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola

Head of the Department

विभाग प्रमुख

रसायनशास्त्र विभाग श्री. डॉ. आर.जी.राठोंड कला व विज्ञान न्त्रविद्यालय, मृर्तिजापुर, जि. अकोला



Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahathonda's

## Shri Dr. R. G. Rathod Arts and Science College, Murtizapur Dist.-Akola, (MS)

(NAAC Accreditate B Grade with CGPA-2.63)

Web site: www.rgreoflmzr.ac.in Ph. No. - (07256) 243951 Email: artisciencecollege@rediffmail.com Fax No. - (07256) 243951

## **Department of Chemistry**

## List of ICT Tools year 2016-17

Sr.No	List of ICT Tools	
1	Laptop	
2	Projector, White Board, ppt	_

#### List of ICT Tools

Sr.No	List of PPT Class	PPT Topic
1	B.Sc- I	Basic Concept of Inorganic Chemistry Periodic Properties, Ionic Bonding,
2	B.Sc- III	Coordination Chemistry , CPT PPT

Head of the Department
Mr.G.H. Murekhar

Asst. Prof Dr. D. B Dupare

Shri, Dr. R. G. E. ad Arts & Science College,

### **Department of Botany**

### DEPARTMENT OF BOTANY

#### ACTIVITY

### Group Discussion Dated on 14-08-2019

at college campus. This activity was organized by dept. of Botany. The students were inspired to participate in this activity to improve their knowledge and subject strength. Recently, many students participated in The main objective was to improve their knowledge and performance. The photograph and list of the students participated in the above competition are attached with this document.

Head
Dept. of Botony
Shri. Dr. H. G. Kallhot
ort's and Sownee Collodurfizasan, tVat Akon

Dept of Botan; Shri. Dr. R. G. Rathor Art's and Science College Murtizapur, D:SL Akola Dist. Akola

Shri. Dr. R. G. Rathold Arts & Science College, Muritzapur, Dist. Akola

Shri. Dr. R. G. Rainon Arts & Science College, Murtizaper, Dist. Abola

### SESSION 2018-19 (Summer) SHRI DR. R. G. RATHOD ARTS AND SCIENCE COLLEGE, MURTIZAPUR STUDY TOUR

Date of study tour: 26 - February - 2019.

DEPARTMENT OF BOTANY (Group - CBZ) B.Sc. III Semester: VI (S)

#### STUDY TOUR AT MELGHAT TIGER RESERVE, MAHARASHTRA

प्रति.

मा. प्राचार्य

डॉ. आर. जी. राठोड कला व विज्ञान महाविद्यालय, मूर्तीजापुर,

ता. मुर्तीजापुर, जिल्हा - अकोला.

विषय: शैक्षणिक सहलीची परवानगी मागण्याबाबत विनंती अर्ज

मा. महोदय.

आपल्या श्री डॉ. आर. जी. राठोड कला व विज्ञान महाविद्यालयाच्या विज्ञान शाखेच्या वनस्पती व प्राणी विभागाच्या (अंतिमवर्षाच्या) विद्यार्थ्यांच्या शंक्षणिक सहलीसाठी परवानगी मागण्याबाबत विनंती अर्ज.

शैक्षणिक सहलीचे स्थळ: ' मेळघाट ' शहानुर येथे भेटीचा व मार्गदर्शनाचा लाभ घ्यायचा आहे या करिता भेटीसाठी आम्ही दिनांक 26 -फेब्र्वारी-2019 सकाळी ठीक 07:00 जाण्याचे प्रयोजन आहे तरी संबंधित विभागाला भेट देण्याची परवानगी द्यावी ही विनंती.

विद्यार्थी संख्या 27 वनस्पतीशास्त्र विभाग (अंतिमवर्ष) सोबत सहीनिशी यादी जोडलेली आहे.

सकाळी जाण्याची वेळ: ठीक 07:00 व परत येण्याची वेळ : सायंकाळी ठीक 07:00 वाजता. शैक्षणिक सहलीमध्ये सहभागी\_सर्वच विद्यार्थ्याचे पालकांचे नाहरकत/संमती पत्र लिहन घेतले आहे.

(Dr. R. B. Kalbande)

Dept. of Botany San Dr. R. G. Ratingo M's End Science Colle

College, Murtizapur, Dist. Akola

### Significance of the Area for Tiger Conservation

Melghat Tiger Reserve is a typical representative of Central Indian Highland forming a part of the Biogeographic zone '6 E-Deccan Peninsula'- Central Highlands (Rodgers and Panwar, 1988). This area constitutes forests which are part of world's fifth biologically richest heritage country. The Reserve forms an important corridor between forest areas of Madhya Pradesh and Maharashtra ensuring contiguity of forests in Satpuras. It beholds one of the viable populations of tigers.

### Ambabarwa Sanctuary

Ambabarwa Sanctuary nestles at the foothills of the Satpuda ranges and has all the flora and fauna typical of the central highlands. It can serve as an important corridor between forests of Maharashtra and M.P. It has a rich repository of biodiversity with endangered mammals like Tiger, leopard, wild dog, chausinga, ratel etc. It is equally rich in birds, reptiles, insects and other invertebrates. The floral composition is also extremely varied with representatives of Southern Tropical Dry deciduous forests under the sub group 5 A-C 16 of the Champion and Seth classification. Most of the species found in Melghat are also seen in Ambabarwa with the only difference being in their abundance. The main species is teak and its associates. Bamboo forms the understory and the ground is covered by a large number of herbs & shrubs. A large number of plants have important medicinal values & thus the area needs to be preserved for its valuable gene pool.

The area is very sensitive from the protection point of view owing to its proximity to the Madhya Pradesh. Also, the large number of villages on the southern side results in very high biotic pressure on the Sanctuary.

#### Wan Sanctuary

Wan Sanctuary includes outer slopes of Satpura with all its floral and faunal attributes. It comes under the 6 E Satpura Maikal range of the Deccan peninsula biogeography zone. It is an extension of the Melghat Tiger Reserve and provides an important corridor between Akola, Amravati and Buldhana districts. It connects the Melghat sanctuary with Narnala Sanctuary and Ambabarwa Sanctuary, providing a large contiguous stretch of protected areas. It has a rich repository of biodiversity with all the major animals of central highlands being found here. Some

> Shri. Dr. R. G. Ratnod Arts & Science College, Murtizapur, Dist. Akola

Dept. of Botany Shri. Dr. R. G. Rathod Art's and Science College Murtizapur Dist Akola

### DEPARTMENT OF BOTANY STUDY TOUR REPORT

### STUDY TOUR - SALBURDI Dated on 28-01-2017

The study tour was organised by the department of Botany dated 28-01-2017 at 07:00 a.m. at Salburdi. The students of B.Sc. II were participated in the study tour There was full of biodiversity in plants. Students collected plant material and broughted it in botany laboratory for further studies.

> Dept. of Botany Shri. Dr. R. G. Rathod are a und Science College Murtizapur, L.st. Akola

> > 519

Shrl. Dr. R. G. Rathod Arts & Science

College, Murizapur, Diet, Asses

#### PERMISSION LETTER

To,
The Principal,
Shri Dr. R. G. Rathod Arts and Science College, Murtizapur
Tq. Murtizapur Dist. Akola M. S.

Subject: Permission to conduct the following activity by Department of Botany.

Respected Sir,

Students of our college are going to participate in BOTANICAL SOCIETY INAUGURATION AND GUEST LECTURE dated on 21-10-2022 at 11:00 a.m. at SEMINAR HALL. So kindly requesting you to permit us to perform the above mentioned activity. Thanks.

### Incharge Teacher:

Dr. R. B. Kalbande

Dr. R. P. Shirsat

Dr. P. R. Gulhane

Date: 18-10-2022 Place: Murtizapur

Head
Dept. of Botany
Shri. Dr. R. G. Rathod
Art's and Science College
Americapur, Dist. Akols

Oist Akols

Shri. Dr. R. G. Ramos Arts & College, Murtizapur, Dist.

### DEPARTMENT OF BOTANY - ACTIVITY -

### BOTANICAL SOCIETY INAUGURATION FUNCTION REPORT

#### REPORT

### BOTANICAL SOCIETY INAUGURATION FUNCTION REPORT

Botanical Society Inauguration function was organised by Department of Botany, Shri Dr. R. G. Rathod Arts and Science Colle, Murtizapur. Shri Dr. Vinod Undal, Assistant professor, Gulam Nabi Azad College, Barshitakali was as the Chief-guest He delivered his valuable speech and presentation on Biodiversity importance. His lecture was very fruitful. As per protocol he declared new body of BOTANICAL-SOCIETY 2022-23.

The above function was conducted dated on 21-10-2022 at Seminar Hall. At end of guest lecture all the students participated in Question answering session. That time student's response was very nice and notable. Near about 60 students participated in the above program. The Botanical Society inauguration function was successfully organized by the students.

Shri. Dr. R. G. Luchad Shri. Dr. R. G. Luchad Art's and Science Cohese Murtizapur, Dest. Akula



Photograf
Shri. Dr. R. G. Rathod Arts & Science
College, Murtizapur, Dist. A

### DEPARTMENT OF BOTANY

#### ACTIVITY

### Guest Lecture and Poster Competition Report Dated on 25-09-2019

The guest lecture was organised by dept. of Botany. The students were inspired to participate in poster competitions to improve their knowledge and subject strength. Recently, many students participated in Poster Competition was organised department of Botany. The main objective was to improve their knowledge and performance. The photograph and list of the students participated in the above competition are attached with this document.

Head
Dept. of Botany
Shri. Dr. R. G. Rathod
Art's and Solunce College
Murtizapur, Esst. Anola



Shri. Dr. R. G. Rathod Arts & Science College, Muritzapur, Dist. Akola

### Activity Report DEPARTMENT OF BOTANY - ACTIVITY -

### BOTANICAL SOCIETY INAUGURATION FUNCTION REPORT

#### REPORT

### GUEST LICRURE & BOTANICAL SOCIETY INAUGURATION FUNCTION REPORT

Botanical Society Inauguration function was organised by Department of Botany, Shri Dr. R. G. Rathod Arts and Science Colle, Murtizapur. Hon. Shri Dr. Dr. D. G. Bhadange, Principal, Shirpur-Jain was, was as the Chiefquest. He delivered his valuable speech and presentation on TAXONOMY. His lecture was very fruitful. As per protocol he declared new body of BOTANICAL-SOCIETY 2017-18.

The above function was conducted dated on 19 Jan 2018 at Seminar Hall. At end of guest lecture visit Medicinal garden with all the students during that visit students asked Question answering.. That time student's response was very nice and notable. Many 20 students participated in the above program. The Botanical Society inauguration function was successfully organized by the students.

REMedente



Shri. Dr. R. G. Itathod Arts & Science College, Murtizapur, Dist. Akola

### SHRI DR. R. G. RATHOD ARTS & SCIENCE COLLEGE, MURTIZAPUR DEPARTMENT OF BOTANY

### TEACHING AND LEARNING

### **ICT**

### ICT – TOOLS FOR TEACHING AND LEARNING

S.N.	ICT – Tools
1	Animated videos
2	PPTs
3	You-tube topic-wise lectures
4	Web links
5	Video lectures Google meet
6	ICT TOOLS: LCD projector
7	ICT TOOLS: Computer system
8	ICT TOOLS: Broad-band internet connection

Dept of Botany
Shri. Dr R. G. Rathod
Art's and Science College
Wurtizapur, Dist. Akola

Principal
Shri. Dr. R. G. Rathod Arts & Science
College, Murtizapur, Dist. Akola

## **Department of Mathematics**

### Shri.Dr.R.G.Rathod Arts and Science College, Murtizapur Dist. Akola Department of Mathematics Session (2021-22)

### Report of Group Discussion

A group discussion was organized for the students of B.Sc semester II, IV and VI on 29/03/2022 by the department of mathematics. In these programs all the students were given class wise topic and all the students discussed it. The students discussed the given topic and those students who had some difficulties during the discussion were resolved by the faculties of Mathematics department. The entire program was conducted in Room No.4. All mathematics teacher and students were present for the program. The students of B.Sc final worked hard for the success of the program. Mr.A.O.Dhore and some student of B.Sc-III worked hard to organize the event.

Place:-Murtizapur Head Principal

Date:- 29 | 03 | 2022 Principal Shri. Dr. R. G. Rathod Arts & Science College Hustingson Plat Abel College, Murtizapur, Dist. Akola

### Shri.Dr.R.G.Rathod Arts and Science College,MurtizapurDist.Akola Department of Mathematics Session (2019-20)

#### Report of Group Discussion

A group discussion was organized for the students of B.Sc semester II, IV and VI on 25/01/2020 by the department of mathematics. In these programs all the students were given class wise topic and all the students discussed it. The students discussed the given topic and those students who had some difficulties during the discussion were resolved by the faculties of Mathematics department. The entire program was conducted in Room No.4. All mathematics teacher and students were present for the program. The students of B.Sc final worked hard for the success of the program.

Place:-Murtizapu

Dr.A.S.Nimkar

Date: - 25 |01 | 2020

Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola

### Shri.Dr.R.G.Rathod Arts and Science College, Murtizapur Dist. Akola Department of Mathematics

Session (2021-22)

### Report of Project Submission

A Project Submission was organized for all students of B.Sc mathematics under the mathematics department of the college on 24/03/2022. All B.Sc. mathematics students participated in the program. The entire responsibility of this program was carried out by the tudents of B.Sc final and Mr.A.O.Dhore. Dr.A.S.Nimkar ,Head department of mathematics thanked all the students who participated in the programs.

Place:-Murtizapur

Dr.A.S.Nimkar

Principal

Date: 24/03/2022 Head, Department of Mathematics

### Department of Mathematics

Report (2019-20)

**Project Activity** 

For improve the depth of subject knowledge and information about mathematician those give the contribution in subject. Society arrange project activity all student (group wise) in this session, Ramanujan Group gain the best project prize

Place: Mychzepre Oste: 06/03/2020

Dr. A.S. Nimkar
Head ,
Department of Mathematics
Shri Dr. R.G.Rathod Arts and Science College,
Murtizapur



Shri Dr. R. G. Rathod Arts & Science Colleg

### Department of Mathematics

### Session (2017-18)

### Report of Project Submission

A Project Submission was organized for all students of B.Sc mathematics under the mathematics department of the college on 18/02/2018. All the students discussed the given topic as per given group. All B.Sc. mathematics students participated in the program. The entire sponsibility of this program was carried out by the students of B.Sc final. Dr.A.S.Nimkar ,Head department of mathematics thanked all the students who participated in the programs.

Place:-Murtizapur

Dr.A.S.Nimkar

Principal

Date:- 18/02/2018

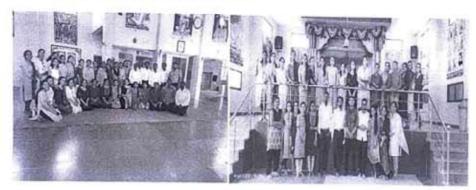
Head, Department of Mathematics

### Shri.Dr.R.G.Rathod Arts and Science College, Murtizapur Dist-Akola Department of Mathematics

### **Tour Report**

Session (2021-22)

Department of mathematics had organized one day short tour at "Deoran", for P.G. mathematics students under the guidance of Dr. A. S. Nimkar on dated May 23,2022. Dr. V.V.Kapile Director of Sport and Physical Education, Dr.P.R.Gulhane Department of Botany, Mr.Vaibhav Shrikhande Chemistry Department, MR. A.B.khokale, Ku. Ankita Ingole and Swastik Chutake was also present. Mr.A.O.Dhore took care of all the responsibilities of tour and all students enjoy the tour whole day.



Dr. A.S. Nimkar

Head .

IDepartment of mathematics until Dr. R. G. Rathod Arts & Science College Murtizapur, Dist. Akola.

# Department of Mathematics

# Tour Report

### Session (2018-19)

Society had organized one day short tour at "Mozari", for P.G. mathematics students under the guidance of Dr. A. S. Nimkar on dated Feb.12,2019. In this visit Shri. Janardhanrao Bothe give the more information about Rasthra Sant Tukodoji Maharaj and also visited Salbardi at the same time Dr. V.V.Kapile Director of Sport and Physical Department was also present. All students enjoy the tour whole day.



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Place :-Murtizapur

Date:-13/02/2019

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Dr. A.S. Nimkar
Head ,

Department of Mathematics,
and br. R. G. Rathod Arts & Science College
Martizapur, Dist. Abola.



To,

The Principal,

Shri.Dr.R.G.Rathod Arts and Science college,

Murtizapur Dist Akola

Subject:- Regarding permission to hold program in collaboration.

Respected Sir,

we are organizing SET/NET workshop on 22/12/2021 for P.G. students in collaboration with mathematics department of our college and department of mathematics, Sant Gadge Baba Amravati university .we request you to give an opportunity to organize the programme in collaboration.

Place :- Murtizapur

Date:- 13/12/2021

Department of Mathematics

Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola

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### Shri. Dr. R. G. Rathod Arts and Science College, Murtizapur, Dist-Akola (MS) Department of Mathematics

Session (2021-22)

#### Notice

### University Level Workshop On NET/SET Guidance in Mathematics

All the Students of Mathematics are hereby informed that in collaboration with Department of Mathematics & IQAC, Sant Gadge Baba Amravati University; RDIK &KD College Badnera, Adarsh Science, J.B. Arts & Birla commerce Mahavidyalaya, Dhamangaon Rly and Shri. Dr. R.G. Rathod Arts and Science college, Murtizapur organized University Level Workshop On NET/SET Guidance in Mathematics on December 22, 2021 on the occasion of birth anniversary of Indian famous mathematician Srinivas Ramanujan at SGBAU, Amravati. Those who want to participate in the programs should give their names to Mr. A.O. Dhore by 20/12/2021.

Place :- Murtizapur

Date:- 15/12/2021

Head

Department of Mathematics

Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola

### UNIVERSITY LEVEL WORKSHOP ON NET/SET GUIDANCE ON MATHEMATICAL SCIENCE

Date: - 22/12/2021

#### Report

Department of Mathematics, Sant Gadge Baba Amravati University, Amravati organized University level Workshop on NET/SETGuidance on Mathematical Science in Collaboration with R.D.I.K. & K.D. College, Badnera; Adarsha Science, J.B. Arts & Birla Commerce Mahavidyalaya, Dhamangaon (Rly) and Shri. Dr. R.G. Rathod Arts & Science College, Murtizapur, Dist-Akola on Dec.22,2021. Dr.G.S.Khadekar, Dean Faculty of Science and Technology, RTM Nagpur University, Nagpur inaugurated the University Level Workshop by lighting the traditional lamp and garlanding photo of Sant Gadge Baba and Ramanujan. Dr.T.R.Deshmukh ,Registrar, Sant Gadge Baba Amravati University, Amravati presided over the function. Dr.Pradeep Khedkar ,Management councilor , SGBAU,Amravati Dr.G.L.Gulhane ,Head Department of Education, SGBAU,Amravati, were the Chief guests of the programme. Dr.V.B.Raut Chaiman BoS Mathematics SGBAU, Amravati, Dr.P.A.Pawar Incharge Head Department of Mathematics, SGBAU, Amravati , Dr, R.D. deshmukh Principal RDIK & KD college Badnera ,Principal Dr.Dr.Y,B,Gandole Adarsha Science, J.B. Arts & Birla Commerce Mahavidyalaya, Dhamangaon (Rly), Dr A.P.Charjan Shri, Dr. R.G. Rathod Arts & Science College, Murtizapur, Dist-Akola were the guests of Honour of the programme. Dr. P.A, Pawar, Incharge Head Department of Mathematics SGBAU& Chief Organizer of the programme, welcome all the guests and also gave in his introductory remarks informed about the motto behind the organization of the Workshop.

Addressing to his inaugural speech, Dr. G.S.Khadekar said that mathematics is not a subject to be learn only but a subject to be understood. Also, he said all the great persons who become successful on the basis of their qualities and potentials are from villages. For this, he quoted the example of Indian mathematician Srinav Ramanujan. He explained about the

importance of NET/SET Exam. He also expresses his thankfulness to the organizer of the workshop for organizing such a workshop at university level. Principal Dr.Dr.Y,B,Gandole said in his speech that Ramanujan has done great work in the field of number theory. The chief guest of the workshop, Dr.R.D.Deshmukh congratulated the organizer and wished them all the best for the event. Dr. V.B.Raut expresses in his speech the importance of Mathematics as compared to other subject. Dr. Pradeep Khedkar praised for the activities at the university level and also wished for the progress. Dr. T.R.Deshmukh Registrar of SGBAU,Amravati in his presidential speech, praised for Mathematics Department for organizing university level workshop and also appealed to the students to take benefits of the guidance of great people who have attended the workshop. For the programme, Dr. V.G.Mete, Dr.A.S.Nimkar; Dr.M.R.Ugale Mr.C.B.Kale Teachers of different colleges as well as students of the different Colleges were present in large number. Prof. Ramteke & Ms. Vishwakarma conducted the proceeding of the programme and Dr.S.N.Bayaskar, proposed vote of Thanks.

In the second session of workshop Dr. Sahare Department of Mathemates, Institute of Science, Nagpur addressed on the topic "NET/SET Exam. Also he discussed the question that came up NET/SET in the exam. After second session lunch break was given to take taste of delicious food.

#### Third Session:

After lunch break third session was started. In the first lecture of the third session, Dr. G.S.Khadekar gave his valuable talk on the topic "Crack the Exam" He also gave seven mantras to the participants for success in his lecture in Dr.K.G. Deshmuh Hall. In the second lecture of the third session Mr.Soab Aktar of Adarsha Science, J.B. Arts & Birla Commerce Mahavidyalaya, Dhamangaon (Rly) showed the students the SET/NET questions and guided them on how to answer them. Lastly, last lecture of the third session, Dr.S.P.Kandalkar, formal head department of Mathematics, Govt. Vidarbha of science and Humanities, Amravati guided the students on binary system and Ramanujan magic number.

For the concluding ceremony, the head of the department Incharge of mathematics Dr.P.A.Pawar presided over the function and Dr.S.P.Kandalkar was present as the chief guest.

Dr.V.G.Mete, Dr.S.N.Bayaskar and Dr.A.S.Nimkar, the organizer of the event was also present on the stage. Total 200 students participant and 25 Teacher participants of Mathematics from PGTD & affiliated colleges of SGBAU was present.

The programme was moderated by Ms. Ramteke and Ms. Vishwakarma . Dr.A.S. Nimkar thanked all the participants, teachers and all those who worked day and night for the success of the program.

#### **Photo Gallery**







Place:-Murtizapur

Date: 22/12/202)

Dr.A,S.Nimkar

Head, Department of Mathematics

### Department of Mathematics

Report (2018-19)

### National Level Workshop on Number Theory

Date: - 19/01/2019

Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur Dist. Akola. (MS) run by Shri. Govindsingh Rathod Shikshan Prasarak Mandal Dahatonda in collaboration with Department of Mathematics & IQAC, Sant Gadge Baba Amravati University, and SGBAU Mathematics Teachers Association Amravati organized National Workshop On Number Theory on19<sup>th</sup>January, 2019.Dr. K.M. Kulkarni, Ex Director, Higher education Maharashtra state and Ex Vice-Chancellor of Swami Ramanand Marathwada University, Nanded inaugurated the National Workshop by lighting the traditional lamp and garlanding photo of goddess Sarswati.Dr. R. G. Rathod, President of Shri. Govindsingh Rathod Shikshan Prasarak Mandal, Dahatondas presided over the function. Sau D R. Rathod Vice President, Dr. V. R. Rathod, Secretary, Dr. A. R. Rathod Joint Secretary & all member of Shri. Govindsingh Rathod Shikshan Prasarak Mandal, Dahatonda and Dr. Jayashree Nandurkar from America & Dr. Anusha V. Rathod Mumbai were the guests of the programme. Dr. A. P. Charjan, Principal & Chief Organizer of the programme, welcome all the guests and also gave in his introductory remarks informed about the motto behind the organization of the Workshop. Dr. S. D. Katore, Professor & Head Department of Mathematics of Sant Gadge Baba Amravati University, Amravati and Chief Organizer of NWNT-2019 explained the aim of the National Workshop in his speech. Total 108 participant and 16 Guest of Mathematics from Nation was present.



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Shri Dr. Iva Rathod Arts & Science College Dr. A.S. Nimkar Head,

Department of Mathematics Shri Dr. R.G.Rathod Arts and Science College, Murtizapur

### Department of Mathematics

### Report (2018-19)

### University Level UG Students Seminar Competition on Number Theory

Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur Dist. Akola. (MS) run by Shri. Govindsingh Rathod Shikshan Prasarak Mandal Dahatonda in collaboration with Department of Mathematics & IQAC, Sant Gadge Baba Amravati University, and SGBAU Mathematics Teachers Association Amravati organized National Workshop On Number Theory on 19<sup>th</sup> January, 2019. Total 63 student participant from affiliated colleges was involved out of which-

First prize winner Ku. Pursa Fatima from Vidya Bharti Mahavidyalaya, Amravati, Second prize wnner Ku.Rutuja Shinde from G. S. College, Umerkhed and Third Prize Ku Pallavi Rathi from Bijlal Biyani science elege, Amravati and consolated prize winner students are Ku. Ritu Paikrao from SSKR INNANI College, karanja Lad, Ku. Harsha Arbat from D. M. Burungale college, Shegaon and Ku. Ankita Ingole from Shri. Dr. R. G. Rathod Arts and Science College, Murtizapur.





Shri Dr. R. G. Rathod Arts & Science College 20/0)/20/9

Dr. A.S. Nimkar Head,

Department of Mathematics Shri Dr. R.G.Rathod Arts and Science College, Murtizapur

### Department of Mathematics

Session (2017-18)

### College Level Workshop on Computation Mathematics

Feb.17-18, 2018



hri. Dr. R. G. Rathod Arts & Science College, Murtizapur Dist. Akola. (MS) run by Shri. Govindsingh Rathod Shikshan Prasarak Mandal Dahatonda organized College Level Workshop on Computation Mathematics on Feb.17-18, 2018. Dr .T.M. Karade, Ex-Vice-Chancellor of Indian University, Raipur inaugurated the Two Day college level Workshop by lighting the traditional lamp and garlanding photo of Sant Gadge Baba. Dr. R. G. Rathod, President of Shri. Govindsingh Rathod Shikshan Mandal, Dahatonda presided over the function. Dr. M. A. Quadri, Ex-Professor & Head Department of Mathematics of Aligarh Muslim University, Aligarh; Dr. Rekha Rani, Dr. D.T. Solanke were the guests of the programme. Dr. A. P. Charjan, Principal & Chief Organizer of the programme, welcome all the guests and also gave in his introductory remarks informed about the motto behind the organization of the Workshop. Dr. Smita V. Nahatkar, Head of Department of Mathematics of Shri. Rajendra Jr. College Nagpur and Mr.Janorkar, Ms R.M. Thakare prominently present on the occasion. Ms. Chadani Sharma conducted the proceeding of the progamme and organiser, Dr. A. S. Nimkar, proposed vote of Thanks. In the First session Dr. T. M. Karde addressed on the topic "Computational Mathematics "also he gave more information about Einstein Theory of Relativity. After key note address lunch break was given to take taste of delicious food. After lunch break Second session was started in Seminar Hall Dr. M. A. Quadri, Ex-Professor & Head Department of Mathematics of Aligarh Muslim University, Aligarh gave tails information on the Topic Application of mathematics and Dr.S.V.Nahatkar discuss on the topic Role of mathematics in computational Exam. In second day of Workshop after breakfast and tea the programme started in Einstein Hall. Dr. Rekha Rani, delivered thoughtful talk on the topic 'Group' and also gave more examples, all the college students of Shri.Dr.R.G.Rathod Arts and Science college Murtizapur were Present.

### Valedictory Function:

Valedictory function was over on Feb.18, 2018 Prof. R.H. Khandare presided over the programme. Dr. P.P. Khade, Head Department of Mathematics, Vidya Bharti Mahavidyalaya Amravati; Mr.M.R.Muley Head Department of Mathematics Burungale College, Shegaon and Prof Divakar Mehare were the guests . Dr. A. S. Nimkar, Organisr of Workshop and Prof.R.M. Thakare were also present on the dais. Ms.KalyaniSavdekar Secretary of Mathematical Society conducted the proceeding while Prof. R.M. Thakare proposed vote of Thanks. All Teaching, Non-Teaching Staffs and college Students worked hard for the success of the Workshop.

### Some Photograph of Conference are as follows-



Dr. A.S. Nimkar

Head ,
Department of Mathematics
Shri Dr. R.G.Rathod Arts and Science
College, Murtizapur

Principal Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola

### Department of Mathematics

Session (2021-22)

### Report of Guest Lecture

On 20/05 2022 Mathematical Society had organized a Guest Lecture on the Topic Algebra. Dr.A.S.Nimkar, Head, department of Mathematics was the chair person on that occasion. Mr. Niranjan Nawale, Head Department of Mathematics, Mahatma phule Arts and Science college ,Patur Dist Akola was the Guest. Mathematics Society In-charge Mr. A.O.Dhore gave the introductory speech about the function & also gave the introduction about the guest. Mr. Niranjan Nawale share the information about many concept on the topic Algebra. Mr.Swastik R.Chutke conduct the function and Mr.A.B.Khokale proposed vote of thanks. All teaching ,non-teaching staffs and students of Mathematics was present for the Programme.



Place:-Murtizapur

Date: 20/05/2022

Dr. A.S. Nimkar Head, Department of Mathematics

Principal
Shri. Dr. R. G. Rathod Arts & Science
College, Murtizapur, Dist. Akola

### Department of Mathematics

Session (2021-22)

### REPORT OF GUEST LECTURE

Department of Mathematics organized Guest Lecture on March 30, 2022. Dr.S.D.Tadam, Head department of Mathematics, RLTCollege, Akola inaugurated the Programme by lighting the traditional lamp and garlanding photo of goddess Sarswati. Principal of the college Dr.A.P.Charjan presided over the function.

Dr:A.S.Nimkar, Head department of Mathematics welcome all the guests and also gave in his introductory remarks about the motto behind the organization of the Programme . Dr.S.D.Tadam share the information about many concept of topological spaces. Ms. Ankita A.Ingole conduct the function and Mr.A.O.Dhore proposed vote of thanks. All teaching ,non-teaching staffs and students of Mathematics was present for the programme.



Place:-Murtizapur

Date: 3 0 03 2022

Dr. A.S. Nimkar Head,

Department of Mathematics

Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola

### Department of Mathematics

Session (2019-20)

### **Guest Lecture Series Report**

Department of Mathematics organized Guest Lecture series on 17th January, 2020.Dr. T.M.Karade Ex Vice-Chancellor of Indian University, Raipur inaugurated the Programme by lighting the traditional lamp and garlanding photo of goddess Sarswati. Dr. R. G. Rathod, President of Shri. Govindsingh Rathod ShikshanPrasarak Mandal, Dahatondas presided over the function. Sau D R. Rathod Vice President, Dr. A. R. Athod Joint Secretary, Dr.K.S.Adhav were the guests of the programme. Dr. A. P. Charjan, Principal welcome all the guests and also gave in his introductory remarks informed about the motto behind the organization of the Programme. In the First session Dr. T. M. Karde addressed on the topic "Lie Group "also he gave more information about Theory of Gravitation. After key note address lunch break was given to take taste of delicious food. After lunch break Second session was started in Seminar Hall Dr. K.S.Adhav Ex-Professor & Head Department of Mathematics of SGBAU University, Amravati gave details information on the Topic Importance of mathematics and Dr. S.D.Tade Nagpur discuss on the topic Algebra. Mr.Raj Gaware President of of Mathematical Society conducted the proceeding while Prof. V.M.Wankhade proposed vote of Thanks. All Teaching Staffs and college Students was present for the Programme.

#### Photo Galary







Place:-Murtizapur

Date :- 19/02/2018

Dr. A.S. Nimkar Head ,

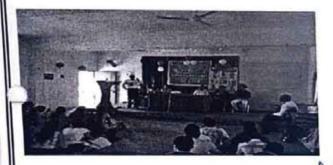
Department of Mathematics

Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola

### Shri.Dr.R.G.Rathod Arts and Science College, Murtizapur Dist. Akola Department of Mathematics Session (2018-19)

#### INAGURATION FUNCTION & GUEST LECTURE

Inaugural function and Guest Lecture of Mathematics Society was held on 08th Sept 2018 .The society was inaugurated by the hands of Prof.A.H.Mehare, Formal Head Department of Mathematics Jagadambacollege, Achalpur Dr. A.P. Charjan , principal of our College was the chair person of the programme. Dr.R.G.Rathod president of Shri Govindsingh Rathod shikshan Prasarak Mandal, Dahatondas was the Guest.Dr.A.S.Nimkar,Head of the Department was our guide,Ms..G.J.Jaju was Incharge of the Mathematical Society. Begining of the programme Prof. In-charge Ms.G.J.Jaju declared the name of the office bearer of Mathematical Sosiety for the year 2018-19. The Stdents who scored highest marks in Mathematics at undergraduate level were felicitated by offering bouquets and certificates and alsoofficebeares by the chief Guest by offering flowers.During this event Staff member of Mathematics Ms.V.M.Wankhade, Mr.A.B.Khokale , Ms.S..V.Sautkar and Kalyani Solanke and non teaching staff were present.



Place:-Murtizapur

Date :- 08/09/2018

Dr. A.S. Nimkar Head,

Department of Mathematics

Phintipp Cipal
Shri. Dr. R. G. Rathod Arts & Science
College, Murtizapur, Dist. Akola

### **Department of Zoology**

### Sh. Dr. R. G. Rathod Arts and Science College, Murtizapur

### **Department of Zoology**

### **Annual Society Report 2021-22**

For the session of 2021-22 the Zoological society has been form under the guidance of Dr. P. M. Makode Head, Department of Zoology.

Dr. S. S. Dhande was nominated as Prof- in-Charge of Zoological society for Session. The following students were nominated as office bearers of Zoological society.

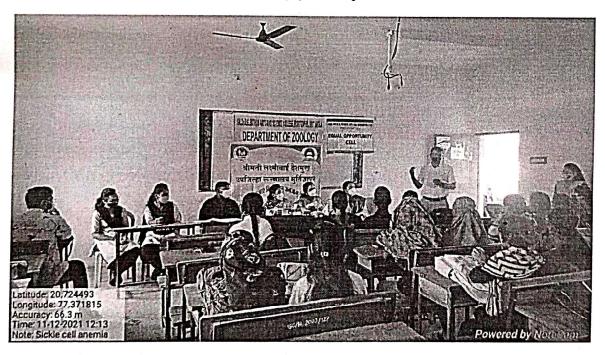
President :- ABHISHEK SANTOSHRAO ADHAU

Vice-President :- ROSHANI SANJAY TIWARI

Secretary :- BHAVESH BHOJRAJ VILLEKAR

#### **❖ INAGURATION FUNCTION**

Inaugural function of Zoological society was held on 11/12/2021 on this occasion The Dr A. P. Charjan was President of this function, on this occasion chief guest delivered a lecturer on the topic "Sickle Cell Anemia awareness and detection". Abhishek Santoshrao Adhau conducts the program and Bhavesh Bhojraj Villekar presents the vote of thanks.



#### **❖ COLLEGE LEVEL SEMINAR ACTIVITY**

Zoological society had arranged Seminar throughout the year for enhancing the knowledge, teaching aptitude and interest towards the subject. B.Sc. Students were participated and delivered the seminar on different topics from their Syllabus. The prizes were given by Zoological society for encouraging the student.

1<sup>st</sup> Prize RAJVEER BIRENDER CHAUHAN B.Sc.-III 2<sup>nd</sup>prize Ku. ROSHANI SANJAY TIWARI B.Sc.-II

#### PAPER PRESENTED

Department of Zoology has the background of research. Research papers published by Dr. P. M. Makode and Sh. S. S. Dhande in national and international level, and papers are presented in Conferences.

#### **❖** EXTENSION ACTIVITY

Department of Zoology arranged an Extension activity under the guidance of Head of Zoology Department, Dr. P. M. Makode and for this activity based on "Detection of Blood Group of College Girl Students" on the occasion of International Woman's Day. on dated 08/03/2022.



HEAD
Department Of Zoology
Shir. Dr. R. G. Rathod Arts & Science
College, Murtizapur, Dist. Akola

Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola



### Sh. Dr. R. G. Rathod Arts and Science College, Murtizapur

### **Department of Zoology**

### **Annual Society Report 2019-20**

For the session of 2019-20 the Zoological society has been form under the guidance of Dr. P. M. Makode Head, Department of Zoology.

Sh. S. S. Dhande was nominated as Prof- in-Charge of Zoological society for Session. The following students were nominated as office bearers of Zoological society.

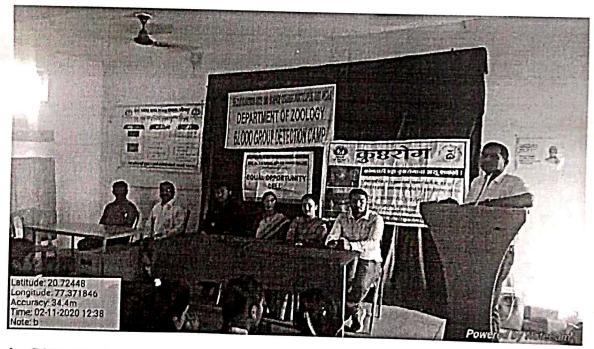
President :- Ku. Amrin Kausar Shaikh Hasan

Vice-President :- Zikriya Firdous Mazhar Husain Khan

Secretary: - Tanaya Santosh Pundekar

### INAGURATION FUNCTION

Inaugural function of Zoological society was held on 11/02/2020 on this occasion TheDr A. P. Charjan was President of this function, on this occasion chief guest delivered a lecturer on the topic "Health Awarness". Ku. Amrin Kausar Shaikh Hasan conducts the program and Tanaya Santosh Pundekar presents the vote of thanks.



### **❖ COLLEGE LEVEL SEMINAR ACTIVITY**

Zoological society had arranged Seminar throughout the year for enhancing the knowledge, teaching aptitude and interest towards the subject. B.Sc. Students were participated and delivered the seminar on different topics from their Syllabus. The prizes were given by Zoological society for encouraging the student.

1st Prize Ku. Arti Ajay Telgote B.Sc.-III

2<sup>nd</sup>prize Ku. Zikriya Firdous B.Sc.-II

#### PAPER PRESENTED

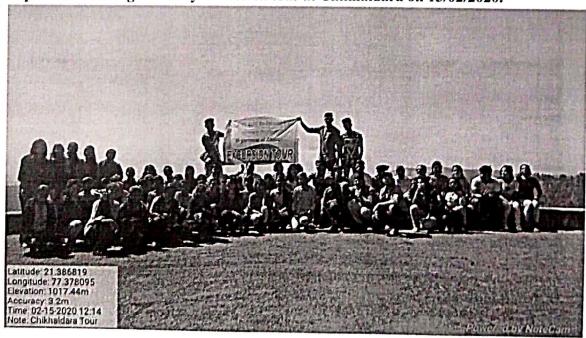
Department of Zoology has the background of research, research papers published by Dr. P. M. Makode and Sh. S. S. Dhande in national and international level, and papers are presented in Conferences.

#### \* EXTENSION

Zoological society had arranged an Extension activity under the guidance of Head of Zoology Department, Dr. P. M. Makode and for this activity based on "Hacmoglobin and Sickle Cell Anemia Detection for school students of Shri. Babanrao Chaudhari Jr. College & Mahatma Jyotiba Fule High School Bramhi, Tq. Murtizapur on dated 16/01/2020.



❖ Department arrange one Day Excursion tour at Chikhaldara on 15/02/2020.



HEAD

HEAD Department Of Zoology hir Dr. R. G. Rathod Arts & Science College, Murtizapur Dist. Akola



Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola

#### Sh. Dr. R. G. Rathod Arts and Science College, Murtizapur

#### **Department of Zoology**

#### **Annual Society Report 2018-19**

For the session of 2018-19 the Zoological society has been form under the guidance of Dr. P. M. Makode Head, Department of Zoology.

Sh. S. S. Dhande was nominated as Prof- in-Charge of Zoological society for Session. The following students were nominated as office bearers of Zoological society.

President :- Ku. Anees Fataema

Vice-President :- Bhushan Thakare

Secretary :-Ku. ZIKRIYA FIRDOUS

#### **❖ INAGURATION FUNCTION**

Inaugural function of Zoological society was held on 17/10/2018 .For inauguration ceremony Dr. Vaibhav Thakare, Deptt. Of Zoology, G.V.I.S.H. Amravati was the chief Gust.

The Dr A. P. Charjan was President of this function, on this occasion chief guest delivered a lecturer on the topic "Avenues for Graduates". Ku. Shivani Kandre conducts the program and Mr. Bhushan Thakare presents the vote of thanks.



# ACTIVITYARRANGED THROUGH ZOOLOGICAL SOCIETY The following activity has arranged under Zoological society in year 2017-18. These are,

#### ❖ COLLEGE LEVEL SEMINAR ACTIVITY

Zoological society had arranged Seminar throughout the year for enhancing the knowledge, teaching aptitude and interest towards the subject. B.Sc. Students were participated and delivered the seminar on different topics from their Syllabus. The prizes were given by Zoological society for encouraging the student.

1st Prize Ku. Ankita Bhad B.Sc.-III

#### PAPER PRESENTED

Department of Zoology has the background of research. Fifteen research papers published by Dr. P. M. Makode in national and international level, and papers are presented in Conferences.

#### \* EXTENSION

Zoological society had arranged an Extension activity under the guidance of Head of Zoology Department, Dr. P. M. Makode and for this activity based on "Haemoglobin and Sickle Cell Anemia Detection for school students and villagers of Shivan Bu. of Murtizapur on dated 25/02/2019.



❖ Department arrange one Day Excursion tour at Shemadoh & Kolkhas on 13/10/2018.



HEAD
Department Of Zoology
hir Dr.R. G. Rathod Arts & Science
Jollege, Murtizapur, Dist. Akola

Department Of Zoology

Shri. Dr. R. G. Rathod Arts & Scie-College, Murtizapur, Dist. Akol.

#### Sh. Dr. R. G. Rathod Arts and Science College, Murtizapur Dist. Akola

#### **Department of Zoology**

#### **Annual Society Report 2017-18**

For the session of 2017-18 the Zoological society has been form under the guidance of Dr. P. M. Makode Head, Department of Zoology.

Dr. P. S. Joshi was nominated as Prof- in-Charge of Zoological society for Session. The following students were nominated as office bearers of Zoological society.

President :- Ku. Megha Sharma

Vice-President :- Bhushan Thakare

Secretary :-Ku. Shivani Dongre

#### INAGURATION FUNCTION

Inaugural function of Zoological society was held on 18<sup>th</sup> July 2017. For inauguration ceremony Mr. Anil Gore, Jr. Lecturer in Innani Jr. Science College Karanja Lad was the chief Gust. Dr R. G. Rathod, President, Sh, Govindsigh Rathod Sikshan Prasarak Mandal, Dahatonda was President of this function, on this occasion chief guest delivered a lecturer on the topic "Snake diversity and Snake bite management". Ku. Amera Chause conducts the program and Ku. Ankita Bhad presents the vote of thanks.



#### ❖ ACTIVITYARRANGED THROUGH ZOOLOGICAL SOCIETY

The following activity has arranged under Zoological society in year 2017-18. These are,

#### \* COLLEGE LEVEL SEMINAR ACTIVITY

Zoological society had arranged Seminar throughout the year for enhancing the knowledge, teaching aptitude and interest towards the subject. B.Sc. Students were participated and delivered the seminar on different topics from their Syllabus. The prizes were given by Zoological society for encouraging the student.

1st Prize Megha Sharma B.Sc.-III

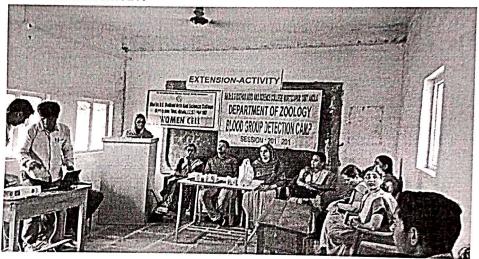
2<sup>nd</sup>prize Janvi Gulhane B.Sc.-II

#### PAPER PRESENTED

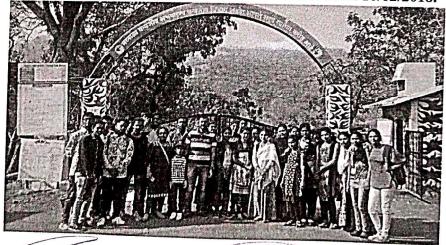
Department of Zoology has the background of research. Fifteen research papers published by Dr. P. M. Makode in national and international level, and sixteen papers are presented in Conferences.

#### **\*** EXTENSION

Zoological society had arranged a Extension activity under the guidance of Head of Zoology Department, Dr. P. M. Makode and for this activity based on "Haemoglobin and Sickle Cell Anemia Detection for School Girls of Gulam Nabi Urdu Hidh School, Murtizapur on dated 11/08/2017.



Department arranged one Day Excursion tour at Narnala on 10/02/2018.



HEAD

Gepartment Of Zoology

Shir, Dr. R. G. Rathod Arts & Science
College, Murtizapur, Dist. Akota

Department Of Zoology &

Principal
Shri. Dr. R. G. Rathod Arts & Science
College, Murtizapur, Dist. Akola

# SHRI Dr. R. G. RATHOD ARTS & SCIENCE COLLEGE, MURTIZAPUR DIST. AKOLA. DEPARTMENT OF ZOOLOGY AVAILABLE POWER POINT PRESENTATIOS LIST

Class: B.Sc. I

Class: B.Sc. I					
Class and Semester	Name of Teacher	Available PPT Unit wise			
B. Sc. I SEM I	Dr. P. M. Makode	UNIT-I:  1. Classification of Non-Chordata.  2. Phylum Protozoa: General characters.  3. Type study: Plasmodium vivax: Structure,     Life-cycle.  4. Parasitic protozoan and human diseases':     Malaria, Amoebiasis, Trypanosomiasis,     Leishmaniasis.  UNIT-II:  1. Phylum Porifera: General Characters.  2. Type study: Scypha: Habits and habitat,     External features, cell types, spicules &     Structure and significances of canal system.  3. Phylum Coelenterata: General Characters,  4. Type study: Metridium: Habits and habitat,     External features, Gastro-vascular cavity,     Mesenteries, Reproduction.  UNIT-III:  1. Phylum Platyhelminthes: General Characters.  2. Type study: Fasciola hepatica: Habits and     habitat, External features, Digestive,     Excretory, Reproductive system and     Life cycle.  3. Phylum Aschelminthes: General Characters.  4. Type study, Ascaris lumbricoides: Habits and     habitat, External features, Digestive,			
B. Sc. I SEM II	Dr. P. M. Makode	Excretory, Reproductive system and Life cycle.  UNIT-I:  1. General organization of Prokaryote and Eukaryote Cell.  2. Ultra structure and functions of, Plasma membrane  3. Ultra structure types and functions of, Endoplasmic reticulum  UNIT-II:  1. Ultra structure and functions of, Golgi complex  2. Ultra structure and functions of Ribosome  3. Ultra structure and functions of Mitochondria.  4. Ultra structure and functions of Lysosomes.  UNIT-III:  1. Ultra structure and functions of nucleus and nucleolus.  2. Chromosome and its general organization.  3. Structure of Polytene and Lamp brush Chromosome.			

HEAD

Department Of Zoology shir, Dr. R. G. Ramud Arts & Science College, Martizapur, Dist. Akola C Pannod Arts & Society (Department Of Zoology)

Shri. Dr. R. G. Kathod Arts & Science College, Muriiza, V., Dist. Akola

## SHRI Dr. R. G. RATHOD ARTS & SCIENCE COLLEGE, MURTIZAPUR DIST. AKOLA. DEPARTMENT OF ZOOLOGY

#### AVAILABLE POWER POINT PRESENTATIOS LIST

Class: B.Sc. II

	The state of the s	Class : B.Sc. II
Class and Semester	Name of Teacher	Available PPT Unit wise
		Unit I:
	1 1 1 1 1	Phylum Chordata;
	3 77 3 3	Origin of Chordata.
		Protochordates:- Type study: Amphioxus: Habits and
		habitat, External Characters - Digestive system and
		feeding, Excretory organs, gonads- Affinities of
		Amphioxus. Affinities of Agnatha:
		Series Picses:
		Type study: Scoliodon sarrokawah (Dogfish) – Habits and
		habitat, External Characters, Digestive system: alimentary
		canal and digestive glands, Respiratory system: respiratory
		organ and mechanism of respiration, circulatory System:
B. Sc. II SEM III	Dr. P. M. Makode	Structure and working of Heart, major arteries and veins,
		Lateral line receptors, Migration in fishes-Types, causes and
		significance.
		Unit II : Class Amphibia:
		Type Study – Rana tigerina, Habits and habitat, external,
		characters. Respiratory organs- Circulatory system;
		Structure of Heart, major arteries and veins, urinogenital
100		system Parental care in amphibia.
To a section of		Class Reptilia:
14		Type study- Calotes versicolor- Habits and habitat,
		External characters, circulatory system- Structure of Heart,
		major arteries and veins. Urinogenital system, snake venom
VIII AND		and anti-venom,
		Unit IV:
	84 :	Genetic Screening and parental diagnosis: - Parental,
		Carrier, Predictive, CVS (Chorionic Villous
		Sampling), Amniocentesis, Gene probe and DNA analysis.
	Q2-1	Genes in Human Heredity: - Inheritance of eye color. Skin
	2018/21	color. Recessive genes and consanguineous marriages.
	india.	Genetic counseling: - Risk of marriages in affected family.
	parties.	
		Birth control measures (male and female).
		Kinds of twins: - Identical, Fraternal, Siamese
		twins.Significance of twins study
		UNIT V: Ecology: concept and scope: Abiotic factors:
		Water: Properties, water problem in terrestrial and aquatic
B. Sc. II SEM IV	Dr. P. M. Makode	habitat.
		Temperature: Temperature range, Temperature tolerance,
		Effects of temperature on animals. Homeotherms,
		poikilotherms. Dormancy, hibernation, aestivation &
	-	diapauses.
		Light: Spectral distribution, Biological effects of light on
		aquatic and terrestrial animals: Reproduction,
		Metamorphosis, pigmentation, vision, photo kinesis,
		phototropism, photoperiodism, migration.
		Biotic factors:
		Intra specific and interspecific associations, Predation,
		parasitism, Antagonism., commensalisms, mutualism,
		competition, (Gauze's Principle).
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HEAD
Department Of Zoology
Shir. Do. R. G. Regued Arts & Science
College, Murizzpur, Dist. Akola

Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola 765

# SHRI Dr. R. G. RATHOD ARTS & SCIENCE COLLEGE, MURTIZAPUR DIST. AKOLA. DEPARTMENT OF ZOOLOGY AVAILABLE POWER POINT PRESENTATIOS LIST

#### Class : B.Sc. III

Unit – IV Reproductive Physiology: Estrous and menstrual cycle, hormonal control of reproduction in males and female, Structure and physiology of mammalian Placenta. Homeostasis and conservative regulation: Osmoregulation and ionic regulation in aquatic animals. Osmoregulation in terrestrial animals Animonotelism, ureotelism and uricotelism. Thermoregulation in Poliklotherms and Homeotherms. UNIT – V Agricultural Zoology: Economic importance of Insects Beneficial insects – Spider, Mantis, Ladybugs, Danisel bug, Mealybug destroyer, Soldier beetle, Green lacewing, Syrphiad fly, Tachinid fly, Ichneumon, Trichogramma wasp, Harmful Insects – Stired food grain pests, their injuries and control Pests of, – Cotton, Sugarcane and Jowar, Dannage and ControllEconomic importance of Rodents, Snakes, Owls and Bats. Apiculture – Sericulture  Unit – VI. Aquaculture Aquaculture Aquaculture-sidefinition, scope, importance and present status in India, Fresh water fish culture; types of fish ponds. Nursary, rearing and stocking, design and construction of fish pond, fertilizers used for fish development. Hatching Happas, Chinease Circular Hatchery, CIFE, Mumbai, hatching model, Induced breeding and hypophysation, Modern drugs used in fish breeding, Freshwater system: monoculture, polyculture, integrated aquaculture, cage culture, pen culture, Pish products and byproducts; Fish liver Oil, Fish body oil, Fish manure, Fish leather  Unit – I Genetic material: Griffiths transformation experiments with bacteriophage infections, Avery and co-workers experiment. Chemistry and types DNA(A,B,Z)Mitochondrial DNA; Chemistry, types and function of RNA: mRNA, tRNA and rRNA and Non Genetic RNA.  UNIT – II DNA replication: semi conservative method; experiment by Messelson and Stahl. Concept of genes, one gene one enzyme hypothesis, one gene one Polypeptide theory; A brief account of Concept and action of cistron, split genes, overlapping genes, jumping genes, Spinocerebellar ataxia.  Unit – III Genetic code and its features, Protein synthesis tra	Class: B.Sc. III					
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B. Sc. III SEM V  Dr. P. M. Makode  Dr. P. M. Ma			Unit – IV			
B. Sc. III SEM V  Dr. P. M. Makode  Dr. P. M. Ma			Reproductive Physiology:			
reproduction in males and temate, Structure and physiology of mammalian Placenta. Homeostasis and conservative regulation: Osmoregulation and ionic regulation in aquatic animals. Osmoregulation in terrestrial animals Ammonotelism, ureotelism and uricotelism. Thermoregulation in terrestrial animals Ammonotelism, ureotelism and uricotelism. Thermoregulation in Poikilotherms and Homeotherms. UNIT -V Agricultural Zoology: Economic importance of Insects Beneficial insects - Spider, Mantis, Ladybugs, Damsel bug, Mealybug destroyer, Soldier beetle, Green lacewing, Syrphid fly, Tachinid fly, Ichnemmon, Trichogramma wasp, Harmful Insects - Stired food grain pests, their injuries and control Pests of, - Cotton, Sugarcane and Jowar, Damage and ControlEconomic importance of Rodents, Snakes, Owls and Bats.Apiculture - Sericulture  UnitVI. Aquaculture— Aquaculture— definition, scope, importance and present status in India.Fresh water fish culture; types of fish ponds: Nursary, rearing and stocking, design and construction of fish pond, fertilizers used for fish development. Hatching Happas, Chinease Circular Hatchery, CIFE, Mumbai, hatching model, Induced breeding and hypophysation, Modern drugs used in fish breeding. Freshwater system: monoculture, polyculture, integrated aquaculture, cage culture, pen culture. Fish products and byproducts: Fish liver Oil, Fish body oil, Fish manure, Fish leather  UnitI Genetic material-definition, Experiments to prove DNA as genetic material-definition, Experiments to prove DNA as genetic material: Griffiths transformation experiments with bacteriophage infections, Avery and co-workers experiments, and Hershey and Chase experiment Chemistry, types and function of RNA: mRNA, tRNA and rRNA and Non Genetic RNA.  UNIT -II  Genetic code and its features, Protein synthesis transcription and processing of mRNA, translation-different steps, Gene regulation: (promoter and operator), Operon models, and Lac operon model of E.Coli. Genetic	-	_	Estrous and menstrual cycle, hormonal control of			
B. Sc. III SEM V  Dr. P. M. Makode  Dr. D. M. Dr. Dr. Dr. Dr. Dr. Dr. Dr. Dr. Dr. Dr			I manufaction in males and female.			
B. Sc. III SEM V  Dr. P. M. Makode  Dr. P. M. Dr. P. M. Makode  Dr. P. M. Makode  Dr. P. M. Makode  Dr. P. M. Dr. P. M. Makode  Dr. P. M. Makode  Dr. P. M. Makode  Dr. D. M.			Structure and physiology of mammalian Placenta.			
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B. Sc. III SEM V  Dr. P. M. Makode  Dr. P. M. Ma			Compoundation and ionic regulation in aquatic attitudes.			
B. Sc. III SEM V  Dr. P. M. Makode  Thermoregulation in Poikilotherms and Homeotherms. Thermoregulation in Poikilotherms and Homeotherms. UNIT -V Agricultural Zoology: Economic importance of Insects Beneficial insects - Spider, Mantis, Ladybugs, Damsel bug, Mealybug destroyer, Soldier beetle, Green lacewing, Syphid fly, Tachinid fly, Ichneumon, Trichogramma wasp, Harmful Insects - Stried food grain pests, their injuries and control Pests of, - Cotton, Sugarcane and Jowar, Damage and ControlEconomic importance of Rodents, Snakes, Owls and Bats, Apiculture - Sericulture Aquaculture- definition, scope, importance and present status in India, Fresh water fish culture: types of fish ponds; Nursary, rearing and stocking, design and contruction of fish pond, fertilizers used for fish development. Hatching Happas, Chinease Circular Hatchery, CIFE, Mumbai, hatching model, Induced breeding and hypophysation, Modern drugs used in fish breeding. Freshwater system: monoculture, polyculture, integrated aquaculture, cage culture, pen culture. Fish products and byproducts: Fish liver Oil, Fish body oil, Fish manure, Fish leather  Unit - I Genetic material-definition, Experiments to prove DNA as genetic material: Griffiths transformation experiments with bacteriophage infections, Avery and co-workers experiments, and Hershey and Chase experiment, Chemistry, types and function of RNA: mRNA, tRNA and rRNA and Non Genetic RNA.  UNIT - II DNA replication: semi conservative method; experiment by Messelson and Stahl. Concept of genes, one gene one enzyme hypothesis, one gene one Polypeptide theory.; A brief account of Concept and action of cistron, split genes, overlapping genes, jumping genes, Spinocerebellar ataxia.  Unit - III Genetic code and its features, Protein synthesis transcription and processing of mRNA, translation-different steps, Gene regulation: (promoter and operator), Operon models, and Lac operon model of E.Coli. Genetic regulation in Eukaryotes-Britten Davidson Model.			Osmoregulation in terrestrial animals Ammonotelism,			
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B. Sc. III SEM VI  Dr. P. M. Makode  B. Sc. III SEM VI  Dr. P. M. Makode  Dr. P. M.	,		and Bats, Apiculture - Sericulture			
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Department Of Zoology
Shir. Dr. R. G. Rathod Arts & Science
College, Murbasour, Dist. Akola

Shri, Dr. R. G. Ralifod Arts & Science College, Murtizapur, Dist. 766a

# Department of Social Sciences



#### Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's

#### Shri. Dr. R. G. Rathod Arts And Science College, Murtizapur Dist.-Akola, (MS)

(Affinited to S.G.B. Amravati University, Amravati.)

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Ph. No. (07256) 24,1951

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Fax No. -(07256) 243951

Smt. D. R. Rathod President Dr. A. R. Rathod Secretary Dr. A. P. Charjan Principal

#### Department of Economics Session :- 2020 - 21 Annual Report

Shri Dr R G.Rathod Arts and Science College Murtijapur established the Economics study forum on dated 30.09.2020.On this inaugural programme Prof. G.D.Shende Presided as the president and Prof.S.K.Shah was the chief Guest a preliminary information was given Prof.P.P. Gawai. The insisted on the economical speech. The president of the programme declared the Economics committee and mentioned the importance of Economics. This inauguration programme was given to online.

On the behalf of Economics study Group student poster presentation programme held on dated 16.01.2021.Prof.U.M.Bhade was present here

Date	Name of Programme	Chief Guest	Remark
30 09,2020	Leonomics Study forum	Prof. G.D.Shende	Importance Of Economics
6.01.2021	poster presentation	Prof.U.M.Bhade	Problems Of Unemployment

Date:-30.09,2020

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Dept. of Economies

Shri Dr. R. O. Rull of Ahs & Science Enlege, Murtizapur, Diet, Akola Shri Dr. R.G. Rathod Arts and Science College, Murtizapur

Department of Economics

Session 2020 - 21

Poster Presentation Report

On behalf of the Department of Economics of Shri Dr. R.G. Rathod Arts and Science College, Murtijapur. A poster presentation on the importance of Problem of Unemployment of in the Department of Economics was organized on Date16/01/2021. Mr. U.M.Bhade attended the presentation programme. Students were convinced through poster presentation on the importance of central bank. Students participated in the poster presentation program.

Date: 16/01/2021

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Head

S Department of Economics

Mila-

Principal

Shr. Dr. R. G. Subod Arts & Science
College, Mulazapur, Dist Akola



#### ShriGovindsing Rathod ShikshanPrasarakMandal, Dahatonda's

#### Shri. Dr. R. G. Rathod Arts and Science College, Murtizapur, Dist.-Akola, (MS)

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Fax No. - (07256) 243951

Dr.R. G. Rathod President Dr. V. R. Rathod Secretary

Dr. A. P. Charjan Principal

# Annual Report Department of Economics Session 2019 – 20

Department of Economics established the Economics study forum on dated 03.02.2020. On this inaugural programme Mr. G. D. Shende Presided as the president and Mr. U.M. Bhade was the chief Guest. Preliminary information was given by Mr. P. P. Gawai. The insisted on the importance of Economics. The president of the programme declared the Economics committee and mentioned the importance of Economics. On the behalf of Economics study Group students Seminar was held on dated 12.02.2020 about the Characteristics of population of Maharashtra also the Economics group discussion was held dated 25-02-2020 in this discussion all the students get participated.

Date	Name of department	Name of Programme	Chief-guest	Remark
03.02.2020	Economics	Economics study forum	Mr. G. D.Shende	Importance of Economics
12.02.2020	Economics	Students Seminar	Mr.U.M.Bhade	Importance of
25-02-2020	Economics	Group Discussion	Mr. R.H.Khandare	Information of central Bank of India



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# Shri Dr. R. G. Rathod Arts and Science College Murtizapur Department of Economics Session 2019 – 20 Board of Economics Studies Report

On behalf of the Department of Economics, Shri Dr. R.G. Rathod College Arts and Science Murtijapur. The Economics Study Board was established on dated 03/02/2020 for the academic year 2019-20. The Chief Guest Dr. G.D. Shende announced the functionaries of the Economics Study Board and convinced the importance of Economics. Mr. D. H. Rathod in his presidential speech gave important guidance to the students about the importance of Economics in the social life. Mr. P. P. Gawai introduced the programme. A large number of faculty and non-teaching staff and students of the college attended. The program which highlighted various aspects of economics.

Date:03.02.2020

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Department of Sconomics

Department of Economics

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Shit Dr. R. G. Ruilled Aris & Science
College, Municapur, Dist. Akola





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College, Murtizapur, Dist. Akola



#### ShriGovindsing Rathod ShikshanPrasarakMandal, Dahatonda's

#### Shri. Dr. R. G. Rathod Arts and Science College, Murtizapur, Dist.-Akola, (MS)

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Fax No. - (07256) 243951

Dr.R. G. Rathod
. President

Dr. V. R. Rathod Secretary Dr. A. P. Charjan Principal

## Annual Report Department of Economics Session 2018 – 19

Department of Economics established the Economics study forum on dated 15.09.2018. On this inaugural programme Mr. G. D. Shende Presided as the president and Mr. S. K. Shah was the chief Guest. Preliminary information was given by Mr. P. P. Gawai. The insisted on the importance of economics. The president of the programme declared the Economics committee and mentioned the importance of Economics.

On The behalf of Economics study Group Essay competition was held on dated 10.12.2018. Mr. D. H. Rathod and Mr. G. D. Shende was present here. On The behalf of Economics Dept.was held on dated 02-03-2019 and Mr.R.H.Khandare present here. On The behalf of Economics Dept.was held on dated 23-02-2019 and Mr.S.K.Shah present here.

Date	Name of Programme	Chief Guest	Remark
15.09.2018.	Economics Study forum	Mr. G. D. Shende	Importance Of Economics
10.12.2018	Essay competition	Mr. D. H. Rathod	Problem of unemployment
02-03-2019 Group Discussion		Mr.R.H.Khandare	Importance Of Banking
23-02-2019	poster presentation	Mr.S.K.Shah	Importance Of RBI







Shri . Dr. R. G.Rathod Arts & Science Murtizapur Dist. Akola DEPARTMENT OF ECONOMICS Session 2018 -19

# EXTENTION ACTIVITY REPORT

The Department of Economics of Shri , Dr. R. G.Rathod Arts & Science Murtizapur Is activity involved in the Exatention Activity Through this cell local Awareness program on womens Empowerment is being run in and around the villagers of Murtizapur

Under this activity awereness program on women empowerment has been organized at Rambhapur Village on dated 18/12/2018 which is about 15km, form Murtizapur so as to Make aware the native People of the village. The function president of the program Panchayat samiti Member smt. Sumitratal D. Kirdak. & Police Patil Shri. Kishor Bhatkar was chief guest for the program.

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The topies like an introduction to womens Empowerment were debated discussed in the Program by Prof. M.S. Yadav and Prof. P.P. Gawai ,

The program was successful in completing goals impact information about women Empowerment to villages.

Date:- 19/12/2018

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Head Department of Economics





#### Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's

#### Shri. Dr. R. G. Rathod Arts and Science College, Murtizapur, Dist.-Akola, (MS)

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Ph. No. - (07256) 243951

Dr.R. G. Rathod
. President

Dr. V. R. Rathod Secretary Dr. A. P. Charjan Principal

# Annual Report Department of Economics Session -2017 – 18

Department of Economics established the Economics study forum on dated 21.09.2017. On this inaugural programme Mr. S. K.Shah Presided as the president and Mr.U.M.Bhade was the chief Guest. Preliminary information was given Mr P. P. Gawai.The insisted on the Human Life of Economical importance. The president of the programme declared the Economical in daily life and insisted on the importance of Indian economy.

On the behalf of Economics study Group students seminar was held on dated 03.10.2017 and this programme was president by Mr. R. H. Khandare On the behalf of Economics study Group group discussion about Importance of ATM was held on dated 01-02-2018 and attended programme by Mr.G.D.Shende

Date	Name of Programme	Name of Department	Chief Guest	Remark
21.09.2017	Economics Study forum	Economics	Mr.S.K.Shah	Economical importance in Human Life
03.10.2017	Seminar	Economics	Prof.R.H.Khandare	Guidance of commercial Bank
01.02.2018	Group Discussion	Economics	Mr.G.D.Shende.	Importance of ATM









# Shri . Dr. R. G.Rathod Arts & Science Murtizapur, Dis. Akola DEPARTMENT OF ECONOMICS Session 2017-18

#### EXTENTION ACTIVITY REPORT

The Department of Economics of Shri . Dr. R. G.Rathod Arts & Science Murtizapur Is activity involved in the Exatention Activity Throughthis cell local Awareness program on womens Empowerment is being run in and around the villagers of Murtizapur

Under this activity awereness program on women empowerment has been organized at Kolambi Village on dated 24/12/2017 which is about 12km. form Murtizapur so as to Make aware the native People of the village. The function president of the program Upsarpanch Shri. Panjabrao Pundekar. Shri. Baburao Gadage & Prof. M.S. Yadav was chief guest for the program.

The topies like an introduction to womens Empowerment were debated discussed in the Program by Prof. M.S. Yadav and Prof. P.P.Gawai .

The program was successful in completing goals impact information about women Empowerment to villages.

Date:- 25/12/2017

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Department of Economics

### Shri Dr. R.G.Rathod Arts And Science College Murtijapur Dist Akola

#### Annual Report 2021-22

#### Dept.Of History

In our college during session 2021-22 different types of activities has been conducted.

The following programmes has been organized by history department.

1.Shri. Dr.R.G.Rathod Arts And Science College Murtijapur Dist Akola has been organized online programme of mahaparinirvan din session 2021-22 on dated 06/12/2021 present of this programme respected principal Dr.A.P.Charjan sir on this occation.

2. History Department also organized national youth day on dated 12/01/2022 present of this programme Dr.N.P. Bhalerao

Date. 09/04/2022

U.M.Bhade

Head

Shri. Dr. R. G. Rathod Arts & Science College, Murtizanur, Dist. Akola Dept. OT. History

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Shri Dr. R. G. Rathod Arts And Science College Murtijapur Dist Akola

Annual Report 2020 -21

Dept.Of History

In our college during session 2020-21 different types of activities has been conducted.

The following programmes has been organized by history department.

1. Shri. Dr.R.G.Rathod Arts And Science College Murtijapur Dist. Akola has been organized group disseution programme during session 2020

-21 on dated 13/01/202**2** present of this programme respected Dr.N.P.Bhalerao sir on this occation.

Date, 28/04/2021

Villace U.M.Bhade

Assistant Professor

Dept.Of.History

ann. Dr. R. G. Called Artis & Science Sollege, Marritspur, Dist. Artola

Department Of History
Shri, Dr. R. G. Rathod Arts & Science
College, Murticapur, Dist. Akola



### Shri.Dr. R.G.Rathod Arts And Science College Murtijapur Dist.Akola

#### Annual Report 2019 -20

#### Dept.Of History

In our college during session 2019-20 different types of activities has been conducted.

The following programmes has been organized by history department.

1.Shri. Dr.R.G.Rathod Arts And Science College Murtijapur Dist.Akola has been organized group disscution during session 2019-20 on dated 27/02/2020 present of this programme respected prof.D.H.Rathod sir on this occation.

2.History Department also organized hisrorical tour to verul, devgiri, aurangabaad on dated 04/03/2020 to 06/03/2020 present of this tour prof.D.H.Rathod, prof.S.S.Dange

Date. 28/04/2020

.U.M.Bhade

Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola Dept. Of. History









2013-20

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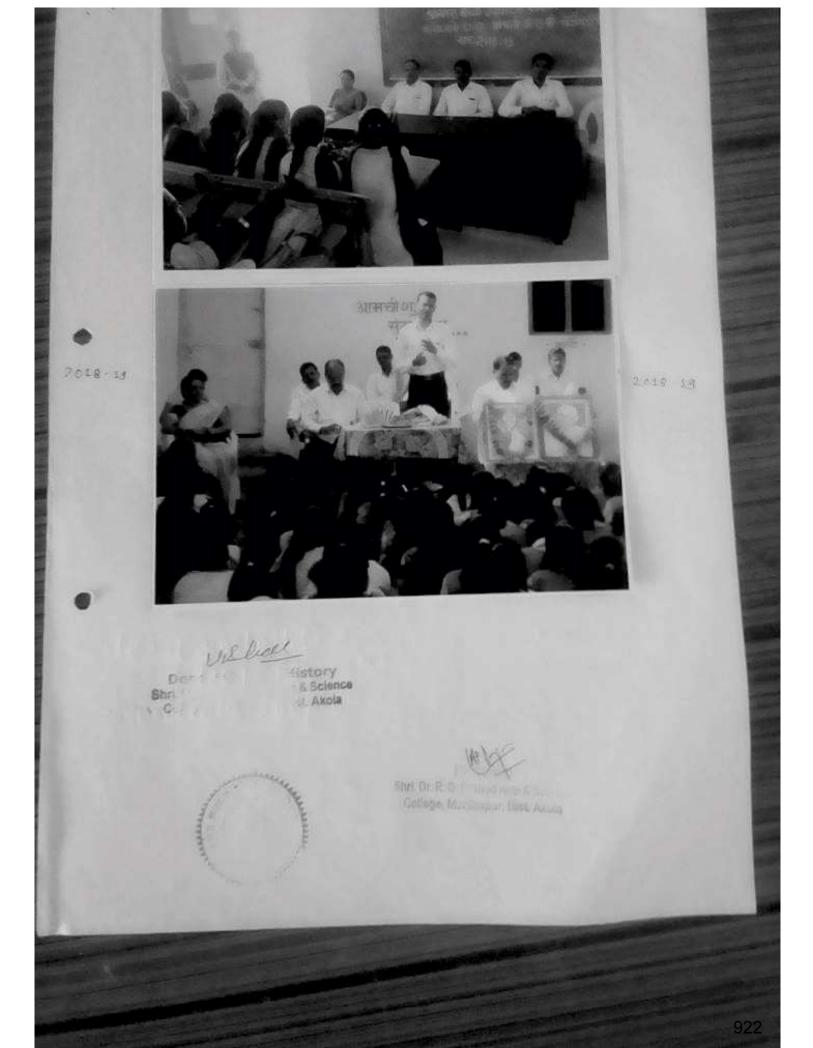
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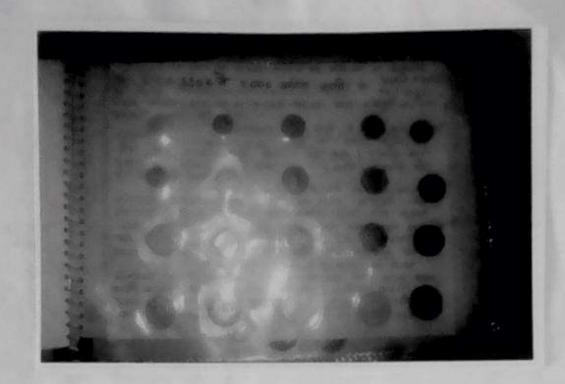
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Head
Department Of History
Ini Dr. R. G. Rathod Science
College, Murtizapur, C. - Volk

Shri Dr.R. C. College, M. C. College









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## Shri.Dr.R.G.Rathod Arts and ScienceCollege, Murtizapur,Dist.Akola. Annual Report

Session 2017.18 (Dept.of History)

In Our college during session 2017.18 Different types of activities has been conducted.

The following programmes has been organize by History Department

1) Shri.Dr.R.G.Rathod Arts and Science College, Murtizapur,
Dist.Akola.established Historical study forum during session 2017.18 on dated
21/09/2017. President of this programme respected Prof.G.D.Shende sir on this occasion.

 History Department also organizes C.Shivaji Maharaj Essay Competition on dated 15/02//2018 for B.A. students.

 History Department also organizes extension activities at Anbhora gram panchayat on dated 19/12//2018

Sr. No	Depart	Name of Event	Date	Funding	Name of Guest	Benifishery
1	History	Study Forum	21/09/ 2017	College	Prof.G.D.Shende	All Students
2	History	C.Shivaji Maharaj Essay Competition	15/02/ 2018	College	Prof.D.H.Rathod.	All Students
3	History	Extension Activity	19/12/ /2018	College	Prof.R.H.Khandar e, Prof.P.P.Gawai, Prof.G.D.Shende	All

Date -30 /04 /2018

Assistant Professor)
Shartiffent of Aissar Science
College, Murtizapur, Dist. Akola







#### Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's Shri. Dr. R. G. Rathod Arts And Science College, Murtizapur Dist.-Akola, (MS)

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Dr.V.R.Rathod Secretary

Dr.A.P.Charjan Principal

# Report Department of Home Economics Session 2021-22

गृह अर्थशास्त्र विभागातके औं जो आर जी राठोड कला व विज्ञान महाविद्यालय मुर्तिजापुर थेथे गृह अर्थशास्त्र अभ्यास महळाचे उदघाटन दि ०७/०५/२०२२ रोठी प्राचार्य ए थी, चर्जन साहेब योच्या अध्याधतेखाली जो निमकर सर याच्या हस्ते पार पाडण्यात आला जंतर गृहअर्थशास्त्र अभ्यास महळाचे अध्याध कृ पल्लीत अभ्यास महळाचे अध्याध कृ पल्लीत आगवत तर उपाध्यक्ष कृ दिल्या गौलस यांची निवड करण्यात आली तसेच कोषाध्यक्ष, सचिव, सहसचिव, सदस्य यामध्ये सुद्धा काही विद्यार्थाची निवड करण्यात आली यांचेळी पा आर एच खदारे सर पाडी एच राठोड सर उपस्थित होते.





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Sivi. or R. G. Rathud Arts A firm

College, Murtizapur, Dist. Akola



#### Shri Goothdaing Barkod Shikulan Prasurak Mandal, Dahatenda's Shri, Dr. R. G. Rathod Arts And Science College, Murtizapur Dist.-Akola, (MS)

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Dr.R.G.Rathad President

Dr.A.R.Buthouf Secretory

Dr.A.P.Churjan Principal

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#### गृहअसंशास्त्र विभाग

HE:- 2028-22

मृहअधेशास्त्र विमाशास्त्रवावानेने अनेप कार्यक्रम शबविष्यात आसे यात है। १९टी या कार्यक्रवाने आयोजन दि कारकारण्यर मा कारण्यात आसे त्यादेखें हो निमन्द सह, या यु.एम भद्रे भर प्रा वी वी मवई सह प्रा एस एम हमें मेंडम प्रा एस के शहा सर, प्रा जी बी होंदे सह, उपीस्थत शांत



Head
Department Of Home-Economics
Shri, Dr. R. G. Rathort Arts & Science
College, Murtizaper, Dist. Akota

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Shri Govindsing Rathod Shikshan Prasarak Mandai, Dahatonda's

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Fax No. - (07256) 243951

Dr.R.G.Rathod President Dr.V.R.Rathod Secretary Dr.A.P.Charjan Principal

#### अहवाल

#### गृहअर्थशास्त्र विभाग

सत्र:- २०२०-२१

आपल्या महाविद्यालयामार्फत गृहअर्थशास्त्र विभागातर्फे आभासी पद्धतीनेदि. १९/१०/२०२० ला कार्यक्रम आयोजित करण्यात आले होते विद्यार्थिनीकरिता आभासी पद्धतीने टाकाउ पासुन टिकाउ स्पर्धांचे आयोजन करण्यात आले. गृहअर्थशास्त्र विभागातील विभाग प्रमुख प्रा. एस. एस डांगे यांच्या मार्गदर्शनाखाली कार्यक्रम घेण्यात आला.



Oppartment Of Home-Economics Sent Or H. 12 Steller West & Science Callege, No. 12

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Callege, Mintizopur, Dist. Akwa



Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's

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Dr.R.G.Rathod President

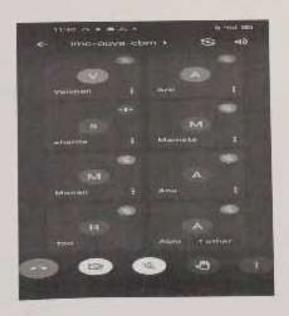
Dr.V.R.Ruthod Secretary Dr.A.P.Charjan Principal

अहवाल

#### गृहअर्थशास्त्र विभाग

सत्र:- २०२०-२१

आपल्या महाविद्यालयामाफेत गृहअयंशास्त्र विभागातक आभासी पद्धतीने दि.०१/०१/२०२१ला कार्यक्रम आयोजित करण्यात आले होते.विद्यार्थिगोकिरिता आभासी पद्धतीनेगटचर्यचे आयोजन करण्यात आले.या विभागाच्या विकासासाठी प्राचार्य ए.पी.चजेन सर याचा मीलाचा वाटा आहे तसेच गृहअयंशास्त्र विभागातील विभाग प्रमुख पा. एस. एस डागे यांच्या मार्गदर्शनाखाली सर्व कार्यक्रम चेण्यात आले तसेच गृह अर्थशास्त्र विभागातील सर्व विद्यार्थिनी यांसाठी लेहभीच प्रयत्नशील सहतात.



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Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Axols



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#### गृहअर्थशास्त्र विभाग

#### सत्र २०१९ ते २०२०

आपल्या महाविद्यालायामध्ये गृहअर्थशास्त्र विभागाच्या वतीने विद्यार्थ्यांकारिता "ज्वेलरी कार्यशाळा" दि.२४/०९/२०१९ ला आयोजीत करण्यात आले होती त्यामध्ये सौ.मयुरी दिवाकर चौधरी मैडम यांनी वेगवेगळ्या प्रकारचे ज्वेलरी बनवृत दाखविली त्यावेळी डॉ.आर.पी.सिरसाट, प्रा.एस.एस.डांगे मॅडम उपस्थित होते.



NOTES THE PERSON

Head

Department of Home-Economics

Shri. Dr. R. G. Rethod Arts & Science

College, Maritzapur, Dist. Akola

Shri. Or. R. G. Rathed Arta & Science College, Murozaput, Dist. Asset





#### Shri Govindsing Rathed Shikshan Prasarak Mandal, Dahatenda's Shri, Dr. R. G. Rathod Arts And Science College, Murtizapur Dist.-Akola, (MS)

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#### अहवाल

#### गृहअर्थशास्त्र विभाग सत्र २०१९ ते २०२०

आपल्या महाविद्यालायामध्ये गृहअर्थशास्त्र विभागाच्या वतीने विद्यार्थ्यांकारिता "स्लोगन स्पर्धा" व "पोष्टर प्रदर्शन" या स्पर्धचे आयोजन दि.०४/१०/२०१९ ला आयोजीत करण्यात आली होती.त्यावेळी निरीक्षण करतांना प्रा.यु.एम.भदे सर, प्रा.एन.पी.आलेराव सर, प्रा.एस.एस.डांगे मॅडम, प्रा.डी.एच.राठोड सर.



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Ing. Dr. R. G. Platton Arts & Scores College, Murrizzpur, Cint. Avdia

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Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's Shri. Dr. R. G. Rathod Arts And Science College, Murtizapur Dist.-Akola, (MS)

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#### अहवाल

#### गृहअर्थशास्त्र विभाग

#### सत्र २०१९ ते २०२०

आपल्या महाविद्यालायामध्ये गृहअर्थशास्त्र विभागाच्या वतीने विद्यार्थ्यांकारिता "पुष्प रांगोली स्पर्धा" आयोजीत करण्यात आली होती. तेव्हा या स्पर्धेत गृहअर्थशास्त्र विषयाच्या विद्यार्थ्यांनी सहभाग घेतला आणि सर्वांनी फुलांचा उपयोग करून सुंदर रचना सादर केलीत्यावेळी निरीक्षण करतांना प्रा.एन.पी.भालेराव सर, प्रा.एस.एस.डांगे मॅडम, प्रा.डी.एच.राठोड सर, प्रा.यु.एम.भदे सर व विद्यार्थी उपस्थित होते.



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Shift Dr. R. G. Harasa Feb. 9 (Callege, Philadelphia)



# Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's Shri. Dr. R. G. Rathod Arts And Science College, Murtizapur Dist.-Akola, (MS)

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#### अहवाल

#### गृहअर्थशास्त्र विभाग

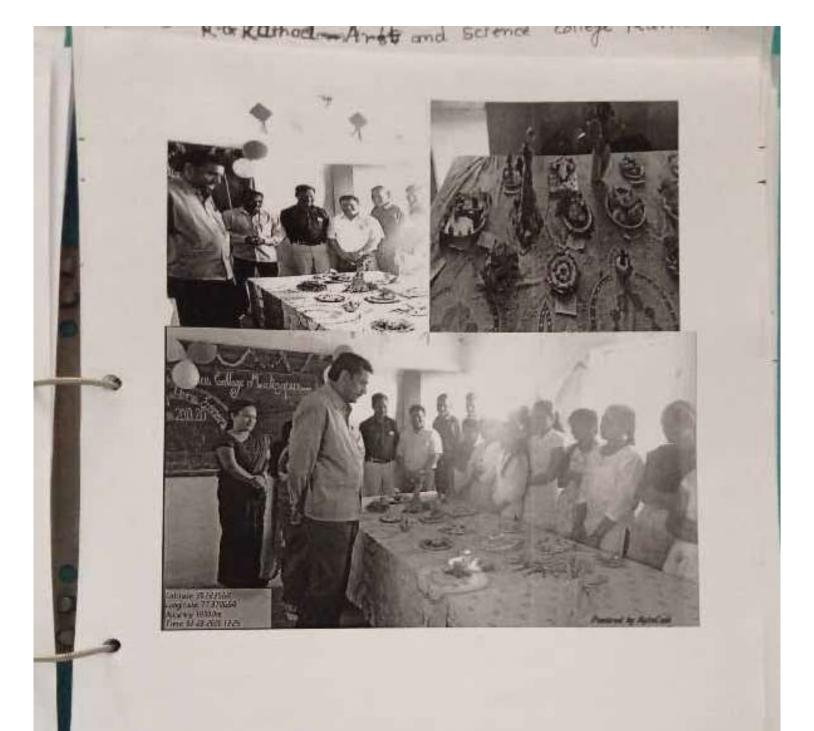
#### सत्र २०१९ ते २०२०

आपल्या महाविद्यालायामध्ये गृहअर्थशास्त्र विभागाच्या वतीने विद्यार्थ्यांकारिता एका साहित्यापासून वेगवेगळे पदार्थ बनवून "डिश डेकोरेशन" दि. २०/०२/२०२० ला आयोजीत करण्यात आली होती. त्यावेळी प्राचार्य डॉ.ए.पी.चर्जन सर आणि सर्व प्राध्यापक वृंदव विद्यार्थी उपस्थित होते.



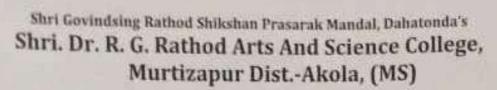
Department of Home-Economics
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Shri. Dr. R. G. Rathod Arts & Selection College, Murcizapur, Dist. Akola



Department of Home-Economics
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#### गृहअर्थशास्त्र विभाग

सत्र २०१९ ते २०२०

आपल्या महाविद्यालायामध्ये गृहअर्थशास्त्र विभागाच्या वतीने विद्यार्थ्यांकारिता सेमिनारचे आयोजन दि.११/१०/२०१९ ला करण्यात आले. त्यावेळी प्रा.एस.एस.डांगे मॅडम व विद्यार्थी उपस्थित होते.





Head

Department of Home-Economics

Shri. Dr. R Tothod Arts & Science

College, and baspur, Dist. Akola

Abel Par R. C. Respondant & Science Company Marriagon Dec 2011



Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's

#### Shri. Dr. R. G. Rathod Arts And Science College, Murtizapur Dist.-Akola, (MS)

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#### गृहअर्थशास्त्र विभाग

#### सत्र २०१९ ते २०२०

आपल्या महाविद्यालायामध्ये गृहअर्थशास्त्र विभागाच्या वतीने विद्यार्थ्यांकारिता गृहअर्थशास्त्र व इतिहास विभागाच्या वतीने "शैक्षणिक सहल" चे दि.०४/०३/२०२० ते०५/०३/२०२० लाकरण्यात आयोजन आले. त्यावेळी दौलताबाद, ,वेरुड ,मकबरा का बेबी ,मारोती भद्रा प्राणीसंग्रहालय हे ठिकाण दाखवण्यात आले.त्यावेळी प्रा.एस.एस.डांगे मॅडम, प्रा.डी.एच.राठोड सर, प्रा.यु.एम.भदे सर व विद्यार्थी उपस्थित होते.



Head
Department Of Home-Economics
Shri, Dr. R. G. Rathod Arts & Science

College, Murtizapur, Dist. Akola

Shri. Dr. R. G. Rathad Arts & Science College, Murclaspur, Dist. Akela



Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's

# Shri. Dr. R. G. Rathod Arts And Science College, Murtizapur Dist.-Akola, (MS)

(NAAC Acredidate B Grade with CGPA-2.63)

Web site :- www.rgrcollmzr.ac.in

Email:- artssciencecollege@rediffmail.com

Ph. No. - (07256) 243951

Fax No. - (07256) 243951

Dr.R.G.Rathod President

Dr.V.R.Rathod Secretary Dr.A.P.Charjan Principal

### Report

Department of Home Economics Session 2018-19

During session 2018-19 the department has Inaugurated Home Economics society on dated 06/10/2018. Mr. P. P. Gawai was present for the programme.



Department of Home-Economics
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Shri, Or. R. - Turned Schence
Gollege, Just Happen, Line Alkola

Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola



## SHRI DR. R. G. RATHOD ARTS & SCIENCE COLLEGE, MURTIZAPUR DIST AKOLA

SESSION:

Name of Event : 2014-19

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Course - Present City Minns

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# Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's Shri. Dr. R. G. Rathod Arts And Science College, Murtizapur Dist.-Akola, (MS)

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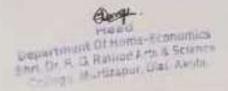
#### अहवाल

## गृहअर्थशास्त्र विभाग

सत्र:- २०१८-१९

आपल्या महाविद्यालायामध्ये गृहअर्थशास्त्र विभागाच्या वतीने विद्यार्थ्यांकारिता "मतदान जनजागृती संगोळी" दि.१६/१०/२०१८ला आयोजीत करण्यात आली होती.त्यावेळी मोहोड सर, प्रा.पी.पी.गवई सर, प्रा.एस.एस.डांगे मॅडम उपस्थित होते.





Principal
Shri, Dr. R. G. Rathod Arts & Science
College, Aurtizapur, Diet. Akola



Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's

# Shri. Dr. R. G. Rathod Arts And Science College, Murtizapur Dist.-Akola, (MS)

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Dr.A.P.Charjan Principal

#### अहवाल

# गृहअर्थशास्त्र विभाग

सत्र:- २०१८-१९

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Department Of Home-Economics Shri Dr R G Dannill H. & Science College, Muridapur, L-st, 640fr

Shri, Dr. R. C. Rathod Arts & Screens College, Murticappy, Dist. Akola



Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's

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#### अहवाल

# गृहअर्थशास्त्र विभाग

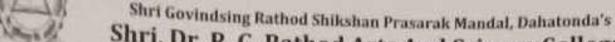
सत्र:- २०१८-१९

आपल्या महाविद्यालायामध्ये गृहअर्थशास्त्र विभागाच्या वतीने विद्यार्थ्यांकारिता "आनंदमेळा" दि.१२/०३/२०१९ ला आयोजीत करण्यात आली होती.त्यावेळी प्रा.सचिन बॉपे सर (जी.एस.टॉपे कॅालेज चांदुर बाजार)आणि सर्व प्राध्यापक वृंद व विद्यार्थी उपस्थित होते.



Department Gi tinme-Economics Shirt Dr. R. D. Rath of Arts & Science Her Was Jan Diet Akola

Ster, Dr. R. S. Rimbod Arts & School College, Murticapur, Dist. Alana



# Shri. Dr. R. G. Rathod Arts And Science College, Murtizapur Dist.-Akola, (MS)

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Dr.V.R.Rathod Secretary Dr.A.P.Charjan Principal

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# गृहअर्थशास्त्र विभाग

सत्र:- २०१८-१९

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Department Of Home-Economics Shri. Dr. R. G. Rashod Arts & Science College, Murtizapur, Dist. Akola Shri, Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola



# Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's Shri. Dr. R. G. Rathod Arts And Science College, Murtizapur Dist.-Akola, (MS)

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Dr.V.R.Rathod Secretary Dr.A.P.Charjan Principal

#### अहवाल

## गृहअर्थशास्त्र विभाग

#### सत्र २०१७ ते २०१८

आपल्या महाविद्यालायामध्ये गृहअर्थशास्त्र विभागाच्या वतीने विद्यार्थ्यांकारिता "टाकाऊ पासून टिकाऊ स्पर्धा (Best out of waste)" ही स्पर्धा दि.१६/१२/२०१७ ला आयोजीत करण्यात आली होती. तेव्हा या स्पर्धेत गृहअर्थशास्त्र च्या विद्यार्थ्यांनी सहभाग घेतला आणि सर्वानी सुंदर सुंदर अशी कला सादर केली.



Head

Department of Nome-Economics
Shri, Dr. R. G. Rathnd Arts & Science
College, Murtizapur, Dist. Akola

Principal
Shif. Dr. R. G. Rathod Arts & Schince
College, Murtizapur, Dist. Akula



## Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's Shri. Dr. R. G. Rathod Arts And Science College, Murtizapur Dist.-Akola, (MS)

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Dr. V.R. Rathod Secretary

Dr.A.P.Charjan Principal

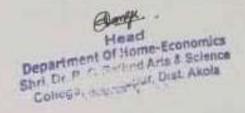
#### अहवाल

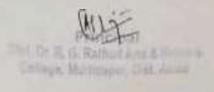
## गृहअर्थशास्त्र विभाग

सत्र:- २०१७ ते २०१८

महाविद्यालायामध्ये गृहअर्थशास्त्र विभागाच्या विद्यार्थ्यांकारिता "कार्ड डेकोरेशन" या स्पर्धेचे आयोजन दि.२६/१०/२०१७ ला आयोजीत करण्यात आली होती. विद्यार्थ्यांनी वेगवेगळ्या कागदापासून सुंदर सुंदर कार्ड डेकोरेशन आणि आहारतालिका तयार करण्यात आले.







#### Shri.Dr.R.G.Rathod Arts and ScienceCollege, Murtizapur, Dist.Akola.

#### Department of Marathi

#### Annual Report

Session: 2020 - 21

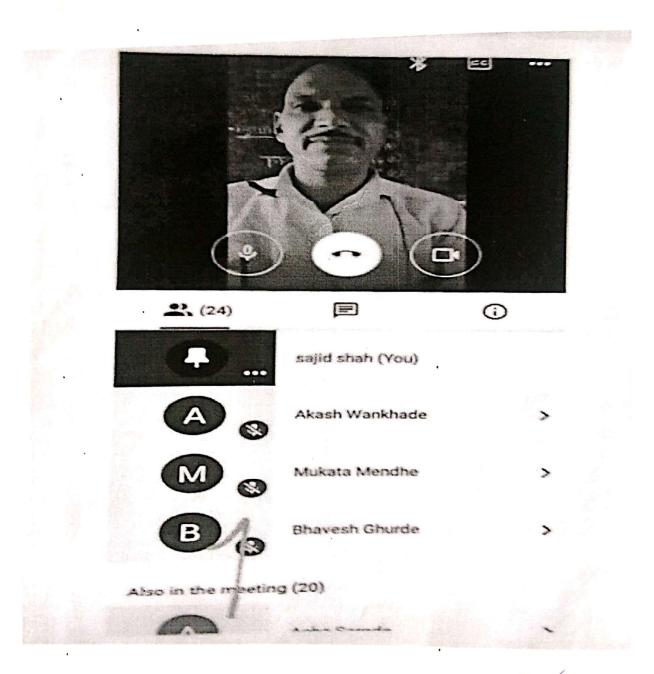
In Our college during session 2020 - 21 Different types of activities has been conducted. The following programmes has been organize by Department of Marathi Shri Dr.R.G.Rathod Arts and Science College, Murtizapur, Dist.Akola.

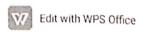
- 1) Established Marathi study forum during session 2020 21 on dated 12/08/2020 (online mod)
- 2) Department also organizes seminar presentation on dated 05/01/2021 for B.A. students. (Online mod)

Sr.N.	Department	Event	Date of	Tundin =	M=====================================	0 (: : :
07.74.	Department	LVEIIL	Date Of	Funding	Name of	Beneficiaries
			Event		Guest	47 2
8						
1	Marathi	Inauguration	12/10/2020	College	Dr.	All Students
		of study	=		Nimkar	
		forum			sir	
			6			
2	Marathi	Seminar <sub>v</sub>	05/01/2021	College		All Students
X		presentation	Х	¥	ý.	X.
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Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola

# Department of Marathi Session 2020-21





Shri. Dr. R. G. Rathod Arts & Sciel College, Murtizapur, Dist. Akol

### Department of Marathi

#### Annual Report

Session: 2021-22

In Our college during session 2021 - 22 Different types of activities has been conducted.

The following programmes has been organize by Department of Marathi Shri

Dr.R.G.Rathod Arts and Science College, Murtizapur, Dist.Akola.

- 1) Established Marathi study forum during session 2021 22 on dated 16/04/2022.

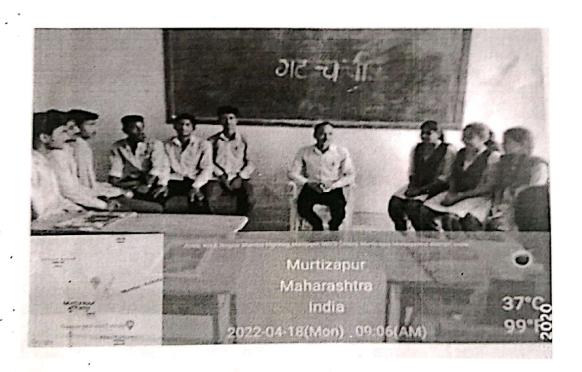
  President of this programme respected DpNimkar sir on this occasion.
- 2) Marathi Department organizes Group discussion program on dated 18/04/2022 for B.A. students

St.N.	Department	Event	Date of Event	Funding	Name of Guest	Beneficiaries
1	Marathi	Inauguration of study forum	16/04/202 <b>2.</b>	College	Dr. Nimkar sir	All Students
2 ~	manashi manashi	Group discussion	18/04/202 <b>0</b>	College	Manan	All Students

# Department of Marathi

Session 2021-22







Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola Shri Dr.R.G.Rathod Art's and Science College, Murtizapur, Dist -Akola.

#### Department of Marathi

#### Annual Report

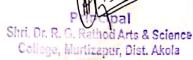
Session: 2022-23

In Our college during session 2022-23 Different types of activities has been conducted. The following programmes has been organize by Department of Marathi Shri Dr.R.G.Rathod Arts and Science College, Murtizapur, Dist.Akola.

- 1) Marathi Department organized Seminar presentation program on dated 07/10/2022 for B.A. students.
- 2) Established Marathi study forum during session 2022-23 on dated 13 /10/2022 President of this programme respected Prof. P.P. Gawai sir on this occasion.
- 3) Marathi Department also organizes Group discussion program on dated

Sr.N.	Department	Event	Date of	Funding	Alam 6	
				runung	Name of	Beneficiaries
F			Event		Guest	/
			i.			
1	Marathi	Inauguration	13/10/2022	College	Prof.P.P.	All Students
		of study			Gawai	, oldderns
		•			Cawai	
		forum				-
2	Marathi	Seminar	07/10/2022	College		All Students
		presentation		ŭ		rui otadeinis
		presentation				
		0	11/10/2022			
3	Marathi	Group	14/10/2022	College		All Students
		discussion				4

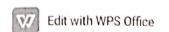




# Department of Marathi Session 2017-18









#### Shri, Dr.R.G.Rathod Arts and ScienceCollege, Murtizapur, Dist. Akola.

#### Department of Marathi

#### Annual Report

Session: 2018-19

In Our college during session 2018 - 19 Different types of activities has been conducted.
The following programmes has been organize by Department of Marathi Shri
Dr.R.G.Rathod Arts and Science College, Murtizapur, Dist.Akola.

- 1) Established Marathi study forum during session 2018 -19 on dated 13 /08/ 2018.

  President of this programme respected Dr. Charjan sir on this occasion.
- 2) Marathi Department organizes Seminar presentation program on dated 07/01/2019 for B.A. students.

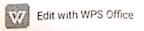
Sr.N.	Department	Event	Date of	Funding	Name of	Beneficiaries
			Event		Guest	-
1	Marathi	Inauguration of study forum	13/08/2018	College	Dr. Charjan sir.	All Students
2	Marathi	Seminar presentation	07/01/2019	College	Prof. Khandare	All Students

Principal
Shri. Dr. R. G. Rathod Arts & Science
College, Murtizapur, Dist. Akola

# Department of Marathi Session 2018-19







Principal
Shri. Dr. R. G. Rathod Arts & Science
College, Murtizapur, Dist. Akola

Shri.Dr.R.G.Rathod Arts and ScienceCollege, Murtizapur,Dist.Akola.

#### Department of Marathi

#### Annual Report

Session: 2019-20

In Our college during session 2019- 20 Different types of activities has been conducted. The following programmes has been organize by Department of Marathi Shri Dr.R.G.Rathod Arts and Science College, Murtizapur, Dist.Akola.

- 1) Established Marathi study forum during session 2019 20 on dated 19 /08/2019

  President of this programme respected Dr. Charjan sir , Chief guest Principal Dr.

  Subhash gawai sir on this occasion.
- 2) Marathi Department organizes debate competition program on dated 01/02/2020 for B.A. students.
- 3) Department organizes debate competition on dated 13/02/2020 for B. A. Students.
- 4) Department of Marathi also organise Marathi language skill program for college staff ondated 18/02/2020

Shri. Dr. R. G. Raihod Arts & Science College, Murtizapur, Dist. Akola

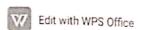
Sr.N.	Department	Event	Date of Event	Funding	Name of Guest	Beneficiaries  All Students
7	Marathi	Inauguration of study forum	19/08/2019	College	Dr. Charjan sir	All Students
2	Marathi	Debate competition	01//02/2020	College	Prof. Shende  Dr.	All Students
3	Marathi	Group discussion	13/02/2020	College	Nimkar Dr.	Staff
4	Marathi	Marathi Skill	18/02/2020	College	Charjan sir	

Principal
Shri. Dr. R. G. Rathod Arts & Science
College, Murtizapur, Dist. Akola

# Department of Marathi Session 2019-20



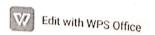












Principal
Shri. Dr. R. G. Rathod Arts & Science
College, Murtizapur, Dist. Akola

# $Shri.Dr.R.G. Rathod\ Arts\ and\ Science College,\ Murtizapur, Dist. Akola.$

### Department of Marathi

#### Annual Report

Session: 2015-16

In Our college during session 2015 - 16 Different types of activities has been conducted. The following programmes has been organize by Department of Marathi Shri Dr.R.G.Rathod Arts and Science College, Murtizapur, Dist.Akola.

- 1) Established Marathi study forum during session 2015-16 on dated 11 /08/2015.

  President of this programme respected Dr. A.S. Nimkar sir on this occasion.
- 2) Marathi Department organizes Poster presentation program on dated 23/12/2015 for B.A. students.
- 3) Marathi Department also organizes Seminar presentation program on dated 21/01/2016

Sr.N.	Department	Event	Date of	Funding	Name of	Beneficiaries
,			Event		Guest	
1	Marathi	Inauguration	11/08/2015	College	Dr.	All Students
		of study			Nimkar	
		forum				
2	Marathi	Poster	23/12/2015	College	Dr. Patil	All Students
		presentation			madam	
3	Marathi	Seminar	21/01/2016	College	Prof.	All Students
	7774.23.	presentation			Gawai	

Shri, Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola Shri Dr. R. G. Rathod Arts & Science College, Murtizapur.

Department of political science

. session - 2021-22

#### Slow learner students

Special activities were organized on behalf of the Political science department for students whose progress in study is lacking. (slow learner students)

Action: Such stude into were often informed about their progress in the study, with special focus.

Those students were given more homework. Such students were encouraged to study.

Outcome: The measures taken on the students who were lacking in progress in the study resulted in positive change in them.

#### Advance learner students

Special activities were organized by the political science department for the students who are more advanced in their studies.

Action: Additional homework was provided to students who were more advanced in the study. More attention was paid to such students.

Outcome: Students who excelled in the study progressed more and more.

Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola College, Murtizapur, Dist. Akola

Shri Dr. R. G. Rathod Arts & Science College, Murtizapur.

Department of political science

Session - 2020-21

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Shri, Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola. Department of Political Science Department of Political Science Shri. Dr. R. G. Rathod Arts & S College, Murtizapur, Dist. A.....

# Shri Dr. R. G. Rathod Arts & Science College, Murtizapur. Department of political science

· session - 2019-20

#### Slow learner students

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Department of political science

Sell-PDR & Gardan Selence Coffege, Murtizapur, Pist discharge

Department of Politica' Salans Shri. Dr. R. G. Rathod Art S College, Murtizena, Planton

# Shri Dr. R. G. Rathod Arts & Science College, Murticapur. Department of political science

· session-2018-19

### Slow learner students

Special activities were organized on behalf of the Political science department for students whose progress in study is lacking. (slow learner students)

Action: Such stude#nts were often informed about their progress in the study, with special focus.

Those students were given more homework. Such students were encouraged to study.

Outcome: The measures taken on the students who were lacking in progress in the study resulted in positive change in them.

#### Advance learner students

Special activities were organized by the political science department for the students who are more advanced in their studies.

Action: Additional homework was provided to students who were more advanced in the study. More attention was paid to such students.

Outcome: Students who excelled in the study progressed more and more.

Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola

Shri. Dr. R. G. Rathod Arts & Science College, Murtiz your, Plat. Akola

Department of political science

Department Of Political Spikmon Shirt, Dr. R. G. Rathod Arts &

Cologo, Murdiapur, Dick America

# Shri Dr. R. G. Rathod Arts & Science College, Murtizapur.

#### Department of political science

#### Slow learner students

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Department of political science

She De R G Rathod Arts & Science

Shri. Dr. R. G. Rathod Arte & Selane College, Murtizapur, Disc. Alacia

Denartment Of Political Science On R. G. Rathod Arts & S

# Annual Report Dept. of sociology Session 2021 -2022

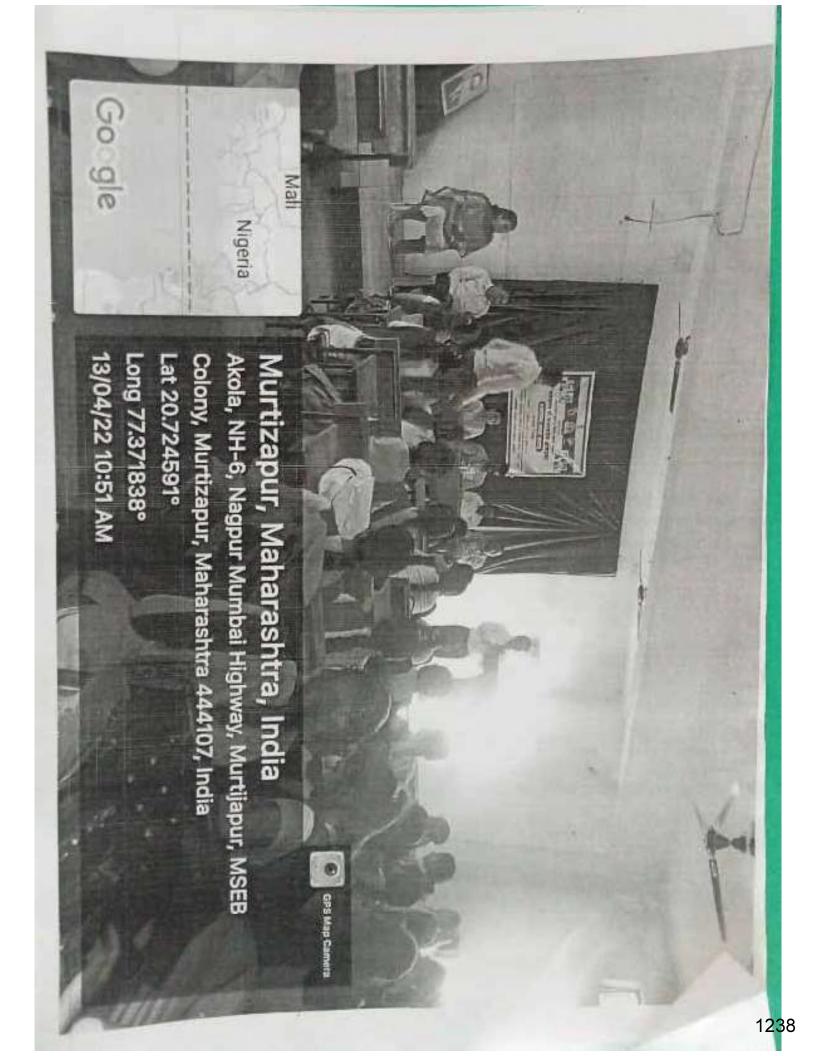
During session 2021-2022 the department has established sociological society on dated 11/04/2022.

In this activity Dr Nitin Bhingare talked on importance of education in development of society.

The department has also organized gust lecture of Dr Nitin Bhingare on the topic on Role of mahatma pule in Education held on April 11th 2022.

The department has organized Bharatratn Dr Babasaheb Ambedker Samajik Saptah on dated 13/04/2022. In this programme Dr A S Nimkar, Mr Manish Chotmal, Dr S S Dhande ,Dr V V Kapile, Dr Tatte madam was present.

The Department has organized essay competition. Debit competition and elecution competition on dated 11/04/2022.





Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's

# Shri. Dr. R. G. Rathod Arts And Science College, Murtizapur Dist.-Akola, (MS)

(NAAC Acredidate B Grade with CGPA-2.63)

site:- www.rgrcollmzr.ac.in Ph. No.-(07256) 243951

Email :- artssciencecollege@rediffmail.com

Fax No. - (07256) 243951

Smt. R. G. Rathod President

Dr.V. R. Rathod Secretary

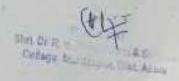
Dr. A. P. Charjan Principal

#### Report Dept. of Sociology Session 2020-21

The department of Sociology and Babasaheb Ambedkar Research Training Institute (BARTI) Pune has organized Tree plantation programme in the college campus on dated 23-06-2021. The 21 plants were planted in the college campus. Mr. Manish Chotmal, District co-ordinstor BARTI Akola was present on this occasion. The college staff members Dr. S. S. Dhande, Dr. D. B. Dupare Mr. G. D. Shende and Mr. R.H. Khandare were participated in the tree plantation programme. The members of the non-teaching staff Mr. Chandu Chandan and Mr. Anil Solunke were present and helped for the tree plantation.





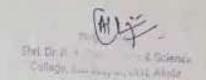








Principal Shri Dr. R. G. Rathod Art's & Scomma College, Muritingur, Circl Akola.





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Fax No. - (07256) 243951

Smt. R. G. Rathod President Dr.V. R. Rathod Secretary Dr. A. P. Charjan Principal

#### Report

Dept. of Sociology Session 2018-19

The department has organized the **poster presentation** on dated 15-12-2018. The department has also organized workshop on topic mahila sakshamikaran in the presence of guest. Mr. meshram and Mr. S.S. Dhande and Mr. Meshram talked and guided students about women empowerment during this workshop on dated 02-03-2019.



Shri, Dr. R. D. Rethod Arty & Entering College, Municapur, Dict. Abrilla.

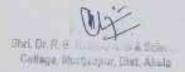
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### Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's Shri. Dr. R. G. Rathod Arts And Science College, Murtizapur Dist.-Akola, (MS)

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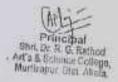
Dr. A. P. Charjan Principal

#### Report Dept. of Sociology Session 2018-10

Aids awareness programme was organized under the departmental best practices in Arkhed on dated 23-01-2019. The 24 villagers were participated in the programme. The students were interacted with the villagers about the HIV/AIDS and create awareness among the villagers.











## Shri Govindsing Rathod Shikshan Prasarak Mandai, Dahatonda's Shri, Dr. R. G. Rathod Arts And Science College, Murtizapur Dist.-Akola, (MS)

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Smt. R. G. Rathod President

Dr.V. R. Rathod Secretary

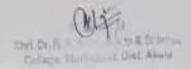
Dr. A. P. Charjan Principal

#### Report Dept. of Sociology Session 2019-20

During session 2019-20 the department has inaugurated Sociological society on dated 13/01/2020. The department has also organized guest lecture of Dr. A. S. Nimkar on the topic AIDS Awareness.



Principal
Shet Dr. A. O. Rathor
Art's & Science College,
Municipal, Ott. Akola.

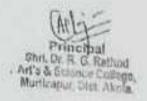


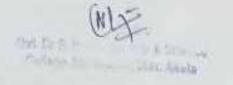




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## Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's

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Fax No. - (07256) 243951

Smt. R. G. Rathod President

Dr. V. R. Rathod Secretary

Dr. A. P. Charjan Principal

#### Report Dept. of Sociology Session 2019-20

During session 2019-20 the department has established Sociological society on dated 13/01/2020. In this activity Dr. A.S.Nimkar talked on Importance of Importance of education in the development of Society.

The department has organized the Online HIV/AIDS awareness programme" on dated 13-01-2020. In this programme Dr. A. S. Nimkar, Mr. S. S. Dhande, Dr. Bulbule was present. The department has also organized Essay competition on topic the "National integration and youth" on dated 14-02-2020.

The aids awareness programme was organized under the departmental best practices on dated 13-01-2020. The villagers were participated in the programme. The students were interacted with the villagers about the HIV/AIDS and create awareness among the villagers

Sr. No	Name of Activity	Date
01	Inaguration	13-01-2020
02	Online HIV/AIDS awareness programme	13-01-2020
03	Essay competation	14-02-2020



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She De P. G. Ratios Arth & Science College, Murtizapar, Dist. Akela

# Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's Shri. Dr. R. G. Rathod Arts And Science College, Murtizapur Dist.-Akola, (MS)

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Smt. R. G. Rathod

Dr.V. R. Rathod

Dr. A. P.

President

Charjan Secretary

Principal

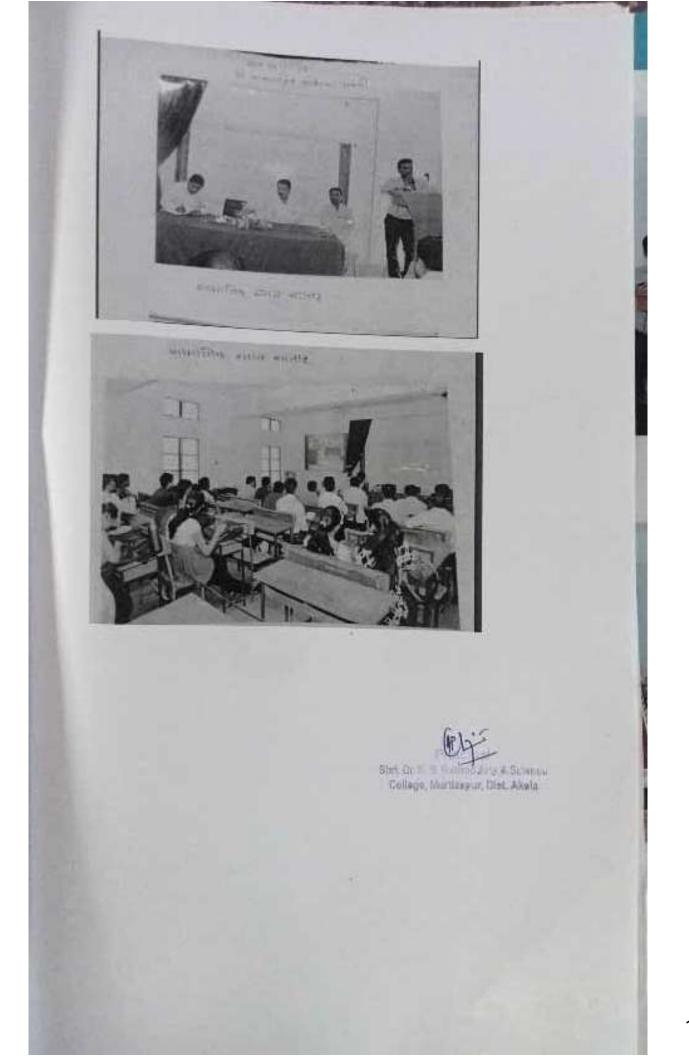
# Report

Dept. of Sociology Session 2017-18

The Social justice week was oraganised on dated 13-04-2017 by the department. In this programme Dr. A. P. Charjan and Dr. Todmal were present. In this programme Dr. A. P. Charjan Principal, of the college talked and guided the students on Social justice.



Shri. Dr. R. G. Hathod Arts & Science College Murtisspor, Dat. January





# Department of Physical Education & Sport

# DEPARTMENT

# PHYSICAL EDUCATION. & SPORTS

	03		02			01		No	Sr.
8	2017-		17	2016-	16	2015-			Session
	01	01	01	01		01	university tournament	represented in inter-	Number of students
	Cricket	Weightlifting	Softball	Cricket		Cricket		Event	Name of the
			1	ı		S.I.	State/National tournament	represented in	Number of students
			-1	-				Event	Name of the

# **Created with Scanner Pro**

# SHRI. DR. R. G. RATHOD ARTS & SCI COLLEGE MURTIZAPUR DEPARTMENT PHYSICAL EDUCATION AND SPORTS

Report

Session 2017-18

During this session the following students of the college has played at inter university level tournament

Sr.	Session	Nuame of	Name of	Number of students	Total No.Of
No		students	the Event	represented in	Participation
		represented in		State/National university	
		inter-collegiate		tournament	
		tournament			
01	2015-16	16	Cricket(w)	01 (university)	
		22	Kabaddi		86
		12	Kho-Kho		
1		24	Volley Ball		
		12	Atheletics		

Dr. V. VirectorAPILE

PHYSICAL EDUCATION RESPORTS
SHALL OF STREET ROLL AND ASSESSED MURTICAPUR, DIST. AKOLA

Shri. Dr. R. G. Rathod Arts & Science College Murtizapur

Shri. Dr. R. G. Rathed Arts & Science College, Murtizapur, Dist. Akola

### PHYSICAL EDUCATION AND SPORTS

## Report

### Session 2018-19

During this session the following students of the college has played at inter university level tournament

Sr.	Session	Nuame of	Name of	Number of students	Total No.Of
No		students	the Event	represented in	Participation
		represented in		State/National university	
		inter-collegiate		tournament	
		tournament			
01	2018-19	16	Cricket(w)	01 (university)	
		11	Kabaddi		76
		12	Kho-Kho		
		22	Volley Ball		
		05	Atheletics		
		10	Cross-		
			country		

PHYSICAL EDIVERTION K APILITY
HRI. DR. R.G.RATHOD ARTS & SCI. COLLEGE
MURTIZAPUR, DIST, AKOLA



Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akota

### PHYSICAL EDUCATION AND SPORTS

### Report

Session 2018-19

During this session the following students of the college has played at inter university level tournament

Sr	Session	Nuame of	Name of	Number of students	Total No.Of
No	)	students	the Event	represented in	Participation
		represented in		State/National university	
		inter-collegiate		tournament	
		tournament			
01	2018-19	16	Cricket(w)	01 (university)	
		11	Kabaddi		76
		12	Kho-Kho		
		22	Volley Ball	0 "	
		05	Atheletics	100000000000000000000000000000000000000	4
		10	Cross-	The same and the same and	
			country		

DIRECTOR

PHYSICAL EDUCATION K APIDETS

HIRL DR. R.G.RATHOD ARTS & SCI. COLLEGE

MURTIZAPUR, DIST, AKOLA



PriPropicipal
Shri. Dr. R. G. Rathod Arts & Science
College, Murtizapur, Dist. Akola

### PHYSICAL EDUCATION AND SPORTS

Report

Session 2019-20

During this session the following students of the college has played at inter university level tournament

Sr. Session Nuame of Name of Number of students Total No.  No students the represented in Participat represented Event State/National in inter-
represented Event State/National
in inter- university
collegiate tournament
tournament
01 2019-20 15 Cricket 01 (university)
12 Kabaddi 57
11 Volley Ball
08 Atheletics
11 Cross-
country

PHYSICAL EDUCATION & SPORTS
SHALL FOR RECRATIVE PHYSICAL EDUCATION & SPORTS
SHALL FOR RECRATIVE PHYSICAL COLLEGE
MURTIZAPUR DIST AND A

Physical Education & Sports

Shri. Dr. R. G. Rathod Arts Science College Murtizapur



# PHYSICAL EDUCATION AND SPORTS

Report

Session 2021-22

During this session the following students of the college has played at inter university level tournament of finished.

	Sr.	Session	Nuame of	Name of	Number of students	Total No.Of
	No		students	the Event	represented in	Participation
			represented in		State/National university	
			inter-collegiate		tournament	
			tournament			
	01	2021-22	02	Cricket	02 (university)	
			02	Kabaddi		10
			01	Volley Ball		
			03	Cross-		,
			02	Country Ball-	01 (university)	
	,			Badminton	or (university)	
- OF 140			02	Aheletics		. *
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PHYSICAL EDUCATION & SPORTS
SHRI. DR. R QBMHVD XRIS 2012 COLLEGE
Physical Education & Sports

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Phintipal
Shri. Dr. R. G., Rathod Arts & Science
College, Murtizapur, Dist. Akon

Shri. Dr. R. G. Rathod Arts & Science College Murtizapur

### PHYSICAL EDUCATION AND SPORTS

Report

Session 2021-22

During this session the following students of the college has played at inter university level tournament of Or

Sr.	Session	Nuame of	Name of	Number of students	Total No.Of
No		students	the Event	represented in	Participation
		represented in		State/National university	
		inter-collegiate		tournament	
i i		tournament			-
01	2021-22	02	Cricket	02 (university)	y .
	-	02	Kabaddi		10
		01	Volley Ball		-
		03	Cross- Country		
	8.8	02	Ball- Badminton	01 (university)	
		02	Aheletics		

DIR Director

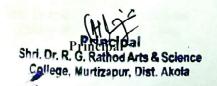
PHYSICAL EDUCATION & SPORTS

SHRI, DR. R. QDY IVO VR Kapile) COLLEGE

MURTICAPUR DIST, AKOL

Physical Education & Sports

Shri. Dr. R. G. Rathod Arts & Science College Murtizapur



# PHYSICAL EDUCATION AND SPORTS

Report

Session 2022-23

During this session the following students of the college has played at inter university level tournament

	Sr.	Session	Nuame of students	Name of	Number of students	Total No.Of
	No		represented in inter-	the Event	represented in	Participation
BUILD			collegiate tournament		State/National university	
0	*				tournament	
	01	2022-23	15	Cricket	01 (university)	
			02	Kabaddi		59
			10	Volley Ball		τ.
			12	Cross-		
				Country		
			02	Ball-		
				Badminton		
			06	Aheletics		
			08	Kho-Kho		
		-	01	Fencing	01(Stand bye)	
		A 161	02	Taekwndo		
			01	Boxing		
			01	Kho-Kho		

MURTIZAPUR, DIST. AKOLA Shri. Dr. R. G. Rathod Arts & Science College Murtizapur

College, Murtizapur, Dist. Akela