

A

Project report

On

**“Synthesis and Characterization of Some Pyrazole Containing  
Chalcones”**

M.Sc. Project carried out as a part of curriculum for degree of “Master of Science” in Organic  
Chemistry at S.S.G.M. College, Kopergaon

Submitted By

**Mr. JANGAM HARSHAL KAILAS**

M.Sc. II (Organic Chemistry)

2017-2018

Guided By

**Prof. Dr. Randhivane P.V.**

Submitted To



**P. G. and Research,**

**Department of Chemistry**

**S.S.G.M. College, Kopergaon, [423601]**

**Dist.-Ahmednagar [MS], India.**

A

Project report

On

**“Synthesis and Characterization of Some Pyrazole Containing  
Chalcones”**

M.Sc. Project carried out as part of curriculum for degree of “Master of Science” in Organic  
Chemistry at S.S.G.M. College, Kopergaon

Submitted By

**Mr. JANGAM HARSHAL KAILAS**

M.Sc. II (Organic Chemistry)

2017-2018

Guided By

**Prof. Dr. Randhavane P.V.**

Submitted To



P.G. and Research,

Department of Chemistry

S.S.G.M. College, Kopergaon, [423601]

Dist.-Ahmednagar [MS], India.

Rayat Shikshan Sansha

SHRI SADGURU GANGAGHER MAHARAJ SCIENCE GADTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR

# CERTIFICATE



This is to certify that the work incorporated in this project report entitled "Synthesis and Characterization of Some Pyrazole Containing Chalcones" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopergaon and Savitribai Phule Pune University, Pune by Mr. JANGAM HARSHAL KAILAS was carried out by him under my supervision at S.S.G.M. College Kopergaon, Dist- Ahmednagar. Such material obtained from other source has duly acknowledged in this project report.

Date: 1/3/2018

  
Dr. Randhavane P.V.

Project Guide,

Department of Chemistry,

S.S.G.M. College Kopergaon

HO Principal  
S.S.G.M. College  
Kopergaon

Dr. Nikumbh A.B.

Head of P.G and Research

Department of Chemistry,

S.S.G.M. College Kopergaon

  
Principal  
S.S.G.M. College  
Kopergaon

A

Project report on

**"SYNTHESIS AND CHARACTERIZATION OF SOME  
IMPORTANT PYRAZOLINE DERIVATIVES"**

M.Sc. Project carried out as part of curriculum for degree of

"Master of Science" in Analytical Chemistry

Submitted by

**Mr. SABANE PRASAD BALASAHEB**

M.Sc. II (Analytical Chemistry)

(2017-2018)

Under the Guidance of

**Dr. CHAVHAN N.M.**

Submitted to



P.G. and Research

Department of Chemistry,

S. S. G. M. College, Kopergaon [423601]

Dist. - Ahmednagar [MS] India.

1

  
Principal  
S.S.G.M.College  
Kopergaon

# Certificate



This is to certify that the work incorporated in this project report entitled "SYNTHESIS AND CHARACTERIZATION OF SOME IMPORTANT PYRAZOLINE DERIVATIVES" being submitted to the Head, Department of Chemistry, S. S. G. M. College, Kopergaon and Savitribai Phule Pune University, Pune by **Mr. SABANE PRASAD BALASAHEB**, was carried out by him under my supervision at S.S.G.M. College, Kopergaon, Dist- A.nagar. Such material obtained from other source has duly acknowledged in this project report.


Date: / /2018.


  
21-4-2018

Dr. N.M. CHAVHAN  
Project Guide,  
Department of Chemistry,  
S. S. G. M. College,  
Kopergaon.

  
29/4/18

Dr. A. B. Nikumbh  
Head, P. G. and Research,  
Department of Chemistry,  
S. S. G. M. College,  
Kopergaon.

  
23/04/18

  
I/C Principal  
S.S.G.M.College  
Kopergaon

  
Principal  
S.S.G.M.College  
Kopergaon



A

Project report

On

**“SYNTHESIS AND CHARACTERISATION OF FLUORINATED  
BENZOXAZOLES”**

M.Sc. Project carried out as part of curriculum for degree of “Master of Science” in  
Analytical Chemistry at S.S.G.M. College, Kopargaon

Submitted By

**Miss. GHODAKE SHASHWATI DILIP**

M.Sc. II (Analytical Chemistry)

2017-2018

Guided By

Prof. Dr. Jadhav R.K.

Submitted To



P.G. and Research,

Department of Chemistry

S.S.G.M. College, Kopargaon

Dist.-Ahmednagar, [423601] [MS], India.

Rayat Shiksha Samiti

**SHRI SADGURU GANGAGEERI MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR**

**CERTIFICATE**



This is to certify that the work incorporated in this project report entitled "SYNTHESIS AND CHARACTERISATION OF FLUORINATED BENZOXAZOLES" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon and Savitribai Phule Pune University, Pune by Miss. GHODAKE SHASHWATI DILIP was carried out by her under my supervision at S.S.G.M. College Kopargaon, Dist- Ahmednagar. The reference taken from other source has duly acknowledged in this project report.

Date: 21/4/2018

Dr. Jadhav R. K.

Project Guide,

Department of Chemistry,

S.S.G.M. College Kopargaon

Dr. Nikumbh A. B.

Head, P.G. and Research

Department of Chemistry,

S.S.G.M. College Kopargaon

I/O Principal  
S.S.G.M. College  
Kopargaon

Principal  
S.S.G.M. College  
Kopargaon

"Education through  
Self-Help is Our Motto"



A  
PROJECT REPORT  
ON

**"To Determine the Magnetic Susceptibility by Gouy's Method"**

**SUBMITTED TO**

**Savitribai Phule Pune University, Pune.**

*For the Partial fulfillment of*

*(Subject - Physics)*

*Bachelor of Science*

**SUBMITTED BY**

**Miss. Jadhav Amruta Ramesh**

**UNDER THE GUIDANCE OF**

**Prof. Mr. B. N. Chaudhari**

*Through*

*Rayat Shikshan Sanstha, Satara's,*

**S. S. G. M. College, Kopergaon**

**2017-18**

  
**Principal**  
**S.S.G.M. College**  
**Kopergaon**



Roll No: - 8016

Exam Seat No: - 33142

"Education through Self-  
Help Is Our Motto"



**SHRI SADGURU GANGAGEER MAHARAJ  
SCIENCE GAUTAM ARTS & SANJIVANI  
COMMERCE COLLEGE, KOPARGAON**

## Certificate

*This is to certify that Miss Jadhav Amruta Ramesh of Bachelor of Science (Physics) has satisfactorily completed her project work as per rule Laid down by the Savitribai Phule Pune University entitled as "To Determine the Magnetic Susceptibility by Gouy's Method" during Academic year 2017-2018.*

*Prof. B.N. Chaudhari*  
Project Guide

*Re. Jha*  
26/3/18 26/3/18  
External Examiner

*S. T. Shete*  
Prof. S. T. Shete  
Head of Department

*[Signature]*  
Principal  
S.S.G.M. College  
Kopergaon

Rayat Shikshan Sanstha's

Shri Sadguru Gangageer Maharaj Science, Gautam Arts and Sanjivani  
Commerce College, Kopargaon, Dist: - Ahmednagar- 423601

Department of Physics

Internal Unit Test -I (2021-22)

Time Table M.Sc. I-II ( Sem-II and IV)

Sr. No.	Date and Time	Class	Subject
1	04/05/2022 11:00am to 12:30 pm	M.Sc. I	Electrodynamics
		M.Sc. II	Nuclear Physics
2	05/05/2022 11:00am to 12:30 pm	M.Sc. I	Atoms and molecules
		M.Sc. II	Experimental Tech. II
3	06/05/2022 11:00am to 12:30 pm	M.Sc. I	Quantum Mechanics
		M.Sc. II	Energy Studies II
4	07/05/2022 11:00am to 12:30 pm	M.Sc. I	Physics of Semiconductor Devices
		M.Sc. II	Physics of Thin Film



*Ukade*  
Head  
Department of Physics  
S.S.G.M. College, Kopargaon

*[Signature]*  
Principal  
S.S.G.M. College  
Kopargaon



A  
PROJECT REPORT  
ON

"DESIGN AND SYNTHESIS OF NOVEL 1,3,4-OXIDIAZOLE AND  
PYRAZOLE ANALOGUES"



Submitted by:

Mr. KADAM MAYUR ARUN

M.Sc. (Organic Chemistry)

Department Of Chemistry

S, S, G, M, College, Kopargaon.

Submitted to:

Department Of Chemistry

S, S, G, M, College, Kopargaon.

Under the guidance of:

Dr. J. M. GAJBHIYE

(Scientist)

Division of Organic Chemistry

CSIR-NATIONAL CHEMICAL LABORATORY

(2018-2019)



सीएसआईआर - राष्ट्रीय रासायनिक प्रयोगशाला

रासायनिक विभाग, औद्योगिक प्रयोगशाला, पुणे  
डॉ. होमी भाभा मार्ग, पुणे - 411 008, भारत



CSIR - NATIONAL CHEMICAL LABORATORY

(Council of Scientific & Industrial Research)  
Dr. Homi Bhabha Road, Pune - 411 008, India

## CERTIFICATE

This is to certify that the work incorporated in this project entitled "**DESIGN AND SYNTHESIS OF NOVEL 1, 3, 4-OXIDIAZOLE AND PYRAZOLE ANALOGUES**" being submitted to Department of Chemistry, S.S.G.M. College, Kopargaon, Affiliated to Savitribai Phule Pune University, Pune by Mr. Kadam Mayur Arun was carried out under my supervision at the National Chemical Laboratory from 15<sup>th</sup> May-31<sup>st</sup>- December 2018 .

**Dr. J. M. Gajbhiye**

वैज्ञानिक / Scientist  
रासायनिक विभाग  
Division of Organic Chemistry,  
सीएसआईआर - राष्ट्रीय रासायनिक प्रयोगशाला  
CSIR - NATIONAL CHEMICAL LABORATORY  
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2

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SPD's Office : +91-20-25902664

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**Principal**  
**S.S.G.M. College**  
**Kopargaon**





A



## PROJECT REPORT

"SYNTHESIS AND CHARACTERIZATION OF PIPERAZINE  
CONTAINING 1, 3, 4-OXIDIAZOLES AND ITS DERIVATIVES"



Submitted by:

**Mr. Krushikesh Dattatray Dhoke.**

M.Sc. (Organic Chemistry)

Department of Chemistry

S.S.G.M. College, Kopargaon.

Submitted to:

Department Of Chemistry

S.S.G.M. College, Kopargaon.

Under the guidance of:

**Dr. J. M. Gajbhiye.**

(Scientist)

Division of Organic Chemistry

**CSIR-NATIONAL CHEMICAL LABORATORY**

(2018-19)

  
Principal  
S.S.G.M. College  
Kopargaon





सीएसआईआर - राष्ट्रीय रासायनिक प्रयोगशाला

(संशोधन, विकास, अभियांत्रिकी, अनुसंधान प्रयोगशाला)

डी. होमी भाभा मार्ग, पुणे - 411 008, भारत



CSIR - NATIONAL CHEMICAL LABORATORY

(Council of Scientific & Industrial Research)

Dr. Homi Bhabha Road, Pune - 411 008, India

## CERTIFICATE

This is to certify that the work incorporated in this project entitled "**SYNTHESIS AND CHARACTERIZATION OF PIPERAZINE CONTAINING 1,3,4-OXIDIAZOLES AND ITS DERIVATIVES**" being submitted to Department of Chemistry, S.S.G.M. College, Kopergaon, affiliated to Savitribai Phule Pune University, Pune by Mr. Dhoke Krushikesh Dattatray was carried out under my supervision at the National Chemical Laboratory from 15<sup>th</sup> May-31<sup>st</sup>- December 2018.

**Dr. J. M. Gajbhiye.**

वैज्ञानिक / Scientist  
कार्बनिक रसायन प्रभाग  
Division of Organic Chemistry -  
सीएसआईआर - राष्ट्रीय रासायनिक प्रयोगशाला  
CSIR - NATIONAL CHEMICAL LABORATORY  
पुणे / Pune - 411008

**Principal**  
**S.S.G.M. College**  
**Kopergaon**

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 : +91-20-25893400

FAX

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COA's Office : +91-20-25902660  
SPO's Office : +91-20-25902664

WEBSITE

[www.ncl-india.org](http://www.ncl-india.org)

A

Project report

On

**"Synthesis and Characterization of Some Novel Pyrazoline  
Derivatives"**

M.Sc. Project carried out as part of curriculum for degree of  
"Master of Science"

in

Organic Chemistry

at

S. S. G. M. College, Kopargaon.

Submitted By

Mr. Jadhav Sanjay Raju

M.Sc. II (Organic Chemistry)

2018-2019

Guided By

Dr. Chavhan N. M.

Submitted To



P.G. and Research,

Department of Chemistry,

S.S.G.M. College, Kopargaon [423601]

Dist- Ahmednagar[MS] India

1

  
Principal  
S.S.G.M. College  
Kopargaon

Rayat Shikshan Samithi's

SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GADTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST- AHMEDNAGAR

## CERTIFICATE



This is to certify that the work incorporated in this project report entitled "SYNTHESIS AND CHARACTERIZATION OF SOME NOVEL PYRAZOLINE DERIVATIVES" being submitted to the Head, Department of Chemistry, S. S. G. M. College, Kopargaon and Savitribai Phule Pune university, Pune by Mr. Jadhav Sanjay Raju was carried out by him under my supervision at S. S. G. M. College, Kopargaon, Dist- Ahmednagar. Material obtained from other source has duly acknowledged in this project report.

Date: / / 2019

Dr. N. M. Chavhan

Project Guide,  
Department of Chemistry,  
S. S. G. M. College, Kopargaon



2

*Sanjay Raju*  
*20-6-2019*

Dr. A. B. Nikumbh

Professor & Head,  
P. G. and Research  
Department of Chemistry,  
S. S. G. M. College, Kopargaon

Principal  
S.S.G.M. College  
Kopergaon

A

Project report

On

**"Synthesis and Characterization of Some Fluorinated  
Triazoles"**

M.Sc. Project carried out as a part of curriculum for degree of "Master of  
Science" in Organic Chemistry at S.S.G.M. College, Kopargaon

Submitted by

**Mr. SHINDE GANESH DNYANESHWAR**

M.Sc. II (Organic Chemistry)

**2018-2019**

Guided By

**Dr. Mrs. Randhavane P. V.**

Submitted To



Department of Chemistry

S.S.G.M. College, Kopargaon, [423601]

Dist.-Ahmednagar [MS], India.

  
Principal

S.S.G.M. College  
Kopargaon



Rayat Shikshan Sanstha's

SRI SIDDHURU GANGAGEERI MAHARAJA SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR

# CERTIFICATE



This is to certify that the work incorporated in this project report entitled **“Synthesis and Characterization of Some Fluorinated Triazoles”** being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon and Savitribai Phule Pune University, Pune by Mr. SHINDE GANESH DNYANESHWAR was carried out by him under my supervision at S.S.G.M. College Kopargaon, Dist- Ahmednagar. Information obtained from other source has duly acknowledged in this project report.

Date: 09/03/2019

**Dr. Randhavane P.V.**  
Project Guide,  
Department of Chemistry,  
S.S.G.M. College Kopargaon

**Dr. Nikumbh A.B.**  
I/C Principal  
S.S.G.M. College Kopargaon

**Principal**  
S.S.G.M. College  
Kopargaon



A

"THE MOISTURE TESTER"



Submitted in a partial fulfilment for the award of the degree

BACHELOR OF SCIENCE IN PHYSICS

Savitribai Phule pune university,pune

Submitted by

MISS.AUTADE ACHAL MACHHINDRA

Under Guidance

PROF.J.E.YEWALE

DEPARTMENT OF PHYSICS

  
Principal  
S.S.G.M.College  
Kopergaon

S.S.G.M. COLLEGE, KOPARGAON

YEAR-2018-19

ROLL NO:8002

EXAM NUMBER:33877

"Education through Self Help Is Our Moto" KARMVEER

Rayat Shikshan Sanstha's

SHRI SADGURU GANGAGIRI MAHARAJSCIENCE, GAUTAM  
ARTS AND SANJIVANI COMMERCE COLLEGE KOPARGAON

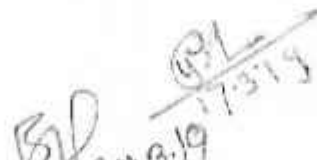
DEPARTMENT OF PHYSICS

CERTIFICATE

This is certify that Miss. Anshu Ashal Maehhindra of  
B.SC.Physics Has Successfully Completed The Project Work On "THE  
MOISTURE TESTER" As Prescribed By The Savitribai Phule Pune  
University In The Academic Year 2018-2019

  
11/3/19  
Guide,

Prof.J.E.Yewale

  
11/3/19  
Examiner

  
Head

Department of physics

Prof.S.T.SHETE



  
Principal  
S.S.G.M.College  
Kopergaon

A

PROJECT REPORT

ON

"TO STUDY THE POLARIZATION OF LIGHT & VERIFY MALUS LAW"



Submitted in a partial fulfillment for the award of degree

Master of Science

In

Physics

**Savitribai Phule Pune University, Pune**

Submitted By

**Mr. JADHAV GAHININATH RAMAN**

M.Sc.II (PHYSICS)

Under Guidance of

**Prof. S. S. THORAT**

**DEPARTMENT OF PHYSICS,**

**S.S.G.M.College, Kopargaon.**

**Year 2018 -2019**

Roll No. :-8532

Exam Seat No. :- 206259

"Education through self-help is our Motto" - KARMVEER

Rayat Shikshan Sanstha's.

**SHRI SADGURU GANGAGEER MAHARAJ  
SCIENCE,  
GAUTAM ARTS AND SANJIVANI COMMERCE  
COLLEGE, KOPARGAON.**



Savitribai Phule Pune University, Pune

DEPARTMENT OF PHYSICS

CERTIFICATE

This is certify that Mr. JADHAV GAHININATH RAMAN of M.Sc.II (PHYSICS) has successfully completed his project work on "TO STUDY THE POLARIZATION OF LIGHT AND VERIFY MALUS LAW" as prescribed by the Savitribai Phule Pune University in the Academic year 2018-2019.

Project Guide  
PROF. S. S. THORAT

Re/hs  
26/4/19

Examiner



Head of Department

PROF. S. J. SHETE  
HEAD

Dept. of Phys'cs

S.S.G.M. College, Kopargaon

S.S.G.M. COLLEGE, KOPARGAON

Principal  
S.S.G.M. College  
Kopargaon

Scanned by CamScanner



A

Project report

On

**"Characterization of Some Representative Synthesized Pyrazoline Derivatives"**

M.Sc. Project carried out as part of curriculum for degree of  
"Master of Science"

in

Organic Chemistry

at

S. S. G. M. College, Kopargaon.

Submitted By

Mr. Jadhav Vivek Dharmaraj

M.Sc. II (Organic Chemistry)

2019-2020

Guided By

Dr. Chavhan N. M.

Submitted To



P.G. and Research,  
Department of Chemistry,  
S.S.G.M. College, Kopargaon [423601]  
Dist- Ahmednagar.[MS], India

  
Principal  
S.S.G.M. College  
Kopargaon



Rayat Shikshan Samithi's  
SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAITAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST. AHMEDNAGAR

# CERTIFICATE



This is to certify that the work incorporated in this project report entitled "CHARACTERIZATION OF SOME REPRESENTATIVE SYNTHESIZED PYRAZOLINE DERIVATIVES" being submitted to the Head, Department of Chemistry, S. S. G. M. College, Kopargaon and Savitribai Phule Pune university, Pune by , Mr. Jadhav Vivek Dharmaraj was carried out by him under my supervision at S. S. G. M. College, Kopargaon, Dist- Ahmednagar. Material obtained from other source has duly acknowledged in this project report.

Date: 1 / 12/2020

Dr. N. M. Chavhan

Project Guide,  
Department of Chemistry,  
S. S. G. M. College, Kopargaon

Principal

S. S. G. M. Science, Gautam Arts &  
Sanjivani Commerce College, Kopargaon

Prof. A. K. Deshmukh

Head, P. G. and Research  
Department of Chemistry  
S. S. G. M. College, Kopargaon

  
25/12/2020

21/12/20  
25/12/2020  
Randhavque P.V.

Dr. N. M. Chavhan

  
25/12/2020  
Dr. N. M. Chavhan  
Principal  
S.S.G.M. College  
Kopargaon

A  
Project report

On

“SYNTHESIS OF 2-(3,5-BIS(TRIFLUOROMETHYL)PHENOXY)-  
N-BENZYLIDINE ACETOHYDRAZIDE”

M.Sc. Project carried out as a part of curriculum for degree of “Master of Science”  
in Organic Chemistry at S.S.G.M. College, Kopargaon

Submitted By

Miss. TUPKARI DHANASHRI RAVINDRA

M.Sc. II (Organic Chemistry)

2019-2020

Guided By

Dr. Mrs. Randhavane P.V.

Submitted To



P.G. and Research,

Department of Chemistry

S.S.G.M. College, Kopargaon, [423601]

Dist.-Ahmednagar [MS], India.

Principal  
S.S.G.M. College  
Kopargaon

Ravi Shikshan Samithi's

SRI SADGURU GANGADEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR

# CERTIFICATE



This to certify that the work incorporated in this project report entitled "SYNTHESIS OF 2-(3,5-Bis(TRIFLUOROMETHYL)PHENOXY)-N-BENZYLIDINE ACETOHYDRAZIDE" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon and Savitribai Phule Pune University, Pune by Miss. TUPKARI DHANASHRI RAVINDRA was carried out by her under my supervision at S.S.G.M. College Kopargaon, Dist-Ahmednagar. Information obtained from other source has duly acknowledged in this project report.

Date: 23/9/2020

*PP*  
*23/9/2020*

Dr. Randhavane P. V.  
Project Guide,  
Department of Chemistry,  
S.S.G.M. College Kopargaon

*Dr. M. Chaudhari*  
*25-9-2020*



*Thopate*  
Dr. Thopate S. R.  
Principal  
S.S.G.M. College Kopargaon

*PP*  
*23/9/2020*  
Randhavane P.V.

*V. S. ...*  
*23/9/2020*  
Mr. D.N. Gaikwad

*[Signature]*

Principal  
S.S.G.M. College  
Kopargaon

A  
Project report

On

**"ULTRASOUND AND MICROWAVE ASSISTED SYNTHESIS OF  
SCHIFF'S BASES"**

M.Sc. Project carried out as a part of curriculum for degree of "Master of  
Science" in Organic Chemistry at S.S.G.M. College, Kopargaon.

**Submitted By**

**Mr. PINGALE SHUBHAM ANAND**

M.Sc. II (Organic Chemistry)

**2019-2020**

**Guided By**

**Dr. Mrs. Randhavane P.V.**

**Submitted To**



**Department of Chemistry**

**S.S.G.M. College, Kopargaon, [423601]**

**Dist.-Ahmednagar [MS], India.**



Rayat Shikshan Sanstha's

SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.

# CERTIFICATE



This to certify that the work incorporated in this project report entitled "ULTRASOUND AND MICROWAVE ASSISTED SYNTHESIS OF SCHIFF'S BASES" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon and Savitribai Phule Pune University, Pune by Mr. PINGALE SHUBHAM ANAND was carried out by him under my supervision at S.S.G.M. College Kopargaon. Dist-Ahmednagar. Information obtained from other sources has duly acknowledged in this project report.

Date: 23/9/2020

*PP*  
*23/9/2020*  
Dr. Mrs. Randhavane P. V.  
Project Guide,  
Department of Chemistry,  
S.S.G.M. College, Kopargaon

*Dr. Thopate*  
Dr. Thopate S.R.  
Principal  
S.S.G.M. College, Kopargaon



*Dr. Randhavane*  
*23/9/2020*

*Dr. Thopate*  
*23/9/2020*  
Randhavane P.V.

*Dr. Thopate*  
*23/9/2020*  
Dr. D.N. Raikwad

*Dr. Thopate*  
Principal  
S.S.G.M. College  
Kopargaon



A Project Report On  
"Synthesis and Characterization of Bismuth Oxide ( $\text{BiVO}_4$ )"

Submitted To



Rayat Shikshan Sanstha's  
S.S.G.M. COLLEGE KOPARGAON

*Submitted By*

Mr. Bhagure Sachin Sopan

M.Sc. (Physics)

Academic Year: 2019-20

Under The Guidance Of

Prof. S.P. Paradhi

Roll No: 8535

Exam Seat No:

Rayat Shikshan Sanstha's  
S. S. G. M. COLLEGE KOPARGAON  
DEPARTMENT OF PHYSICS



CERTIFICATE

This is to certify that Mr. Bhagure Sachin Sopan of M.Sc. (Physics) Semester IV has satisfactorily completed the project entitled "Synthesis and Characterization of Bismuth Oxide ( $\text{BiVO}_4$ )" under the guidance of Prof. S.P. Paradhi. He has satisfactorily completed the project work as per syllabus laid down by the Savitribai Phule Pune University during the Academic year 2019-2020.

Prof. S.P. Paradhi  
(Project Guide)

Prof. V. B. Galkwad  
(HOD of Physics)

  
Internal Examiner

  
External Examiner 

Date: April 2020

Place: Kopargaon

Project Report On  
"APPLICAION OF MICROSOFT EXCEL"



Submitted in a partial fulfillment of the requirement for the  
Bachelor of Science  
In  
Physics.

Savitribai Phule Pune University

Submitted By

**MISS. SONAWANE PRIYANKA BALASAHEB**

T.Y.B.Sc (Physics)

S. S. G. M. College, Kopargaon

Department of Physics,

2019-2020

  
Principal  
S.S.G.M. College  
Kopargaon

ROLL NO: 8020

EXAM SEAT NO:

"Education through self-help is our motto"-Karmaveer.

Rayat Shikshan Sanstha's,  
Shri SadguruGangageerMaharaj Science,  
Gautam Arts &Sanjivani Commerce College,  
Kopargaon,Dist:-Ahmednagar



Savitribai Phule Pune

University

**Certificate**

This is to certify that submitted Miss. Sonawane Priyanka Balasaheb of class T.Y.B.Sc. (Physics), has satisfactory completed her project work as per rule laid down by the Savitribai Phule Pune University entitled as "Application of Microsoft Excel" during academic year 2019-2020.

  
Project Guide

Prof. V. B. Gaikwad  
Gaikwad

  
Examiner



  
Head of department

Prof. V.B. Gaikwad

  
Principal  
S.S.G.M.College  
Kopargaon



A  
Project report

On

**"Synthesis of Silver nanoparticles using chemical reduction  
method from selective plant extract"**

M.Sc. Project carried out as part of curriculum for degree of  
"Master of Science"

in

Organic Chemistry

At

S. S. G. M. College, Kopergaon.

Submitted By

MISS. DIGHE SHUBHANGI ARJUN

M.Sc. II (Organic Chemistry)

2021-2022

Guided By

Prof. (Dr.) Chayban N. M.

Submitted To



P.G. and Research,  
Department of Chemistry,  
S.S.G.M. College, Kopergaon [423601]  
Dist- Ahmednagar [MS] India

  
Principal  
S.S.G.M. College  
Kopergaon

Rayat Shikshan Sanstha's  
SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR

## CERTIFICATE



This is to certify that the work incorporated in this project report entitled **"Synthesis of Silver nanoparticles using chemical reduction method from selective plant extract"** being submitted to the Head, Department of Chemistry, S. S. G. M. College, Kopargaon and Savitribai Phule Pune university, Pune by **Miss, DIGHE SHUBHANGI ARJUN** was carried out by her under my supervision at S. S. G. M. College, Kopargaon, Dist- Ahmednagar. Material obtained from other source has duly acknowledged in this project report.

Date: 18/ 5/ 2022.

Dr. N. M. Chavhan  
Project Guide,  
Department of Chemistry,  
S. S. G. M. College, Kopargaon

Examined

25/05/22

Mr. A. K. Deshmukh  
Head, P. G. and Research  
Department of Chemistry,  
S. S. G. M. College, Kopargaon

Principal  
S.S.G.M.College  
Kopargaon

A

Project report

On

**“ Synthesis and Spectral analysis of some new pyrazole carboxylic acid derivatives”**

M.Sc. Project carried out as part of curriculum for degree of  
“Master of Science”

in

Organic Chemistry

at

S. S. G. M. College, Kopargaon.

Submitted By

MISS. DHAGE YOGESHWARI RAJENDRA

M.Sc. II (Organic Chemistry)

2021-2022

Guided By

Prof. (Dr.) Chavhan N. M.

Submitted To



P.G. and Research,  
Department of Chemistry,  
S.S.G.M. College, Kopargaon [423601]  
Dist- Ahmednagar [MS] India

  
**Principal**  
**S.S.G.M. College**  
**Kopargaon**

Rayat Shikshan Sanstha's

SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR

## CERTIFICATE



This is to certify that the work incorporated in this project report entitled "**Synthesis and spectral analysis of some new pyrazole carboxylic acid derivatives**" being submitted to the Head, Department of Chemistry, S. S. G. M. College, Kopargaon and Savitribai Phule Pune university, Pune by Miss. Dhage Yogeshwari Rajendra was carried out by her under my supervision at S. S. G. M. College, Kopargaon, Dist- Ahmednagar. Material obtained from other source has duly acknowledged in this project report.

Date: 18/05/2022

Dr. N. M. Chavhan  
Project Guide,  
Department of Chemistry,  
S. S. G. M. College, Kopargaon



Examined  
Dhage  
25/05/22

Mr. A. K. Deshmukh  
Head, P. G. and Research  
Department of Chemistry,  
S. S. G. M. College, Kopargaon

Principal  
S.S.G.M. College  
Kopargaon



A  
Project Report

On

**“A PRACTICAL AND GREEN PROTOCOL FOR SYNTHESIS OF 2, 3-DIHYDROQUINAZOLIN-4(1H)-ONES USING TONIC LIQUID VIA ANTHRANILAMIDE”**

M.Sc. Project carried out as a part of curriculum for Degree of “Master of Science” in Organic Chemistry at S.S.G.M. College, Kopargaon

**Submitted By**

**Miss. PATIL MAYURI ANANDA**

M.Sc. II (Organic Chemistry)

**Guided By**

**Dr. D. M. Suryawanshi**  
(M.Sc., Ph.D., NET)

**Submitted To**



**P.G. & Research Department of Chemistry,**

**S.S.G.M. College, Kopargaon,**

**Dist.-Ahmednagar [MS], India-423601**

**(Academic Year: 2021-2022)**

  
**Principal**  
**S.S.G.M. College**  
**Kopargaon**

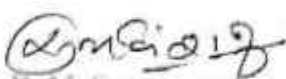
Rayat Shikshan Sanstha's  
SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.

# CERTIFICATE



This to certify that the work incorporated in this project report entitled "A PRACTICAL AND GREEN PROTOCOL FOR SYNTHESIS OF 2,3-DIHYDROQUINAZOLIN-4(1H)-ONES USING IONIC LIQUID VIA ANTHRANILAMIDE" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon affiliated to Savitribai Phule Pune University, Pune by Miss. PATIL MAYURI ANANDA was carried out by his under my supervision. Information obtained from other source has duly acknowledged in this project report.

Date: 21/5/2022

  
Dr. D. M. Suryawanshi  
Project Guide,  
Department of Chemistry



  
Prof. A. K. Deshmukh  
Head & Vice-Principal  
Department of Chemistry

Examined

  
21/05/2022

Examined

  
21/5/22

  
Principal  
S.S.G.M. College  
Kopargaon

A  
Project Report

On

**"A PRACTICAL AND GREEN PROTOCOL FOR SYNTHESIS OF 2, 3-DIHYDROQUINAZOLIN-4(1H)-ONES USING IONIC LIQUID VIA ISATOIC ANHYDRIDE"**

M.Sc. Project carried out as a part of curriculum for Degree of "Master of Science" in  
Organic Chemistry at S.S.G.M. College, Kopargaon

**Submitted By**

**Mr. JORE SAGAR BABASAHEB**

M.Sc. II (Organic Chemistry)

**Guided By**

**Dr. D. M. Suryavanshi**  
(M.Sc., Ph.D., NET)

**Submitted To**



**P.G. & Research Department of Chemistry,**

**S.S.G.M. College, Kopargaon,**

**Dist.-Ahmednagar [MS], India-423601**

**(Academic Year: 2021-2022)**

1

  
**Principal**  
**S.S.G.M. College**  
**Kopargaon**

Royal Shikshan Sanstha's  
SHRI SADGURE GANGAGEER MAHARAJI SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR


# CERTIFICATE



This to certify that the work incorporated in this project report entitled "A PRACTICAL AND GREEN PROTOCOL FOR SYNTHESIS OF 2,3-DIHYDROQUENAZOLIN-4(1H)-ONES USING IONIC LIQUID VIA ISATOIC ANHYDRIDE" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon affiliated to Savitribai Phule Pune University, Pune by Mr. JORE SAGAR BABASAHEB was carried out by his under my supervision. Information obtained from other source has duly acknowledged in this project report.

Date: 23/05/2022

Dr. D. M. Suryawanshi  
Project Guide,  
Department of Chemistry

  
Prof. A. K. Deshmukh  
Head & Vice-Principal  
Department of Chemistry

  
23/05/22

Examined  
by  
23/05/22



  
Principal  
S.S.G.M. College  
Kopargaon



A  
Project report  
on

**"SYNTHESIS AND STUDY OF SCHIFF'S BASE LIGAND"**

M.Sc. Project carried out as a part of curriculum for degree of "Master of Science" in Analytical Chemistry at S.S.G.M. College, Kopargaon.

Submitted By

Miss. Varsha Gorakshanath Shinde,  
M.Sc. II (Analytical Chemistry)

**2021-2022**

Guided by  
Prof. KASHID P. D.

Submitted To



P.G. and Research,  
Department of Chemistry  
S.S.G.M. College, Kopargaon, [423601]

A  
Project report

On

**"SYNTHESIS AND STUDY OF SCHIFF'SBASE LIGAND"**

M.Sc. Project carried out as part of curriculum for degree of "Master of Science" in  
Analytical Chemistry at S.S.G.M. College, Kopergaon

Submitted By

Miss. Varsha Gorakshanath Shinde

M.Sc. II (Analytical Chemistry)

2021-2022

Guided By

Prof. KASHID P. D.

Submitted To



P.G. and Research,  
Department of Chemistry  
S.S.G.M. College, Kopergaon, [423601]  
Dist.-Ahmednagar [MS], India.

  
Principal  
S.S.G.M. College  
Kopergaon

Royal Shikshan Sanshodhan

SRI SIDDHUR GANGADEBI MAHA NI SCIENCE, GAUTAM ARTS  
AND SAKHIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.

# CERTIFICATE



This is to certify that the work incorporated in this project report entitled "SYNTHESIS AND STUDY OF SCHIFF'S BASE LIGAND" being submitted to the Head, Department of Chemistry S.S.G.M. College kopargaon and Savitribai Phule Pune University, Pune by Miss Varsha Gorakshanath Shinde was carried out by him under my supervision at S.S.G.M. College Kopargaon, Dist- Ahmednagar from other source has duly acknowledged in this project report.

Date: 23/05/2022

*Prof. Kashid*  
23/5/2022  
Prof. Kashid P. D.  
Project Guide,  
Department of Chemistry,  
S.S.G.M. College, Kopargaon



*Prof. Deshmukh*  
Prof. Deshmukh A.K.  
Head, P.G. and Research  
Department of Chemistry,  
S.S.G.M. College, Kopargaon.

*25/5/2022*  
(Mr. Ghorani A.B.)

(Ex: Exa.)

*Principal*  
Principal  
S.S.G.M. College  
Kopargaon

A  
Project report

On

**" SYNTHESIS AND STUDY OF SCHIFF'SBASE LIGAND "**

M.Sc. Project carried out as part of curriculum for degree of "Master of Science" in  
Analytical Chemistry at S.S.G.M. College, Kopargaon

Submitted By

**Mr. Khillare Rushikesh Sampat**

M.Sc. II (Analytical Chemistry)

2021-2022

Guided By

**Prof. KASHID P. D.**

Submitted To



P.G. and Research,  
Department of Chemistry  
S.S.G.M. College, Kopargaon, [423601]  
Dist.-Ahmednagar [MS], India.

  
Principal  
S.S.G.M. College  
Kopargaon



Royal Shikshani Sansitha's

SRI SAJGURU GANGAGEERI MAHARAJI SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.

# CERTIFICATE



This is to certify that the work incorporated in this project report entitled "SYNTHESIS AND STUDY OF SCHIFF'S BASE LIGAND" being submitted to the Head, Department of Chemistry S.S.G.M. College kopargaon and Savitribai Phule Pune University, Pune by Mr. Khillare Rushikesh Sampat was carried out by him under my supervision at S.S.G.M. College Kopargaon. Dist- Ahmednagar from other source has duly acknowledged in this project report.

Date: 23/05/2022

*Prof. Kashid*  
23/5/2022  
Prof. Kashid P. D.  
Project Guide,  
Department of Chemistry,  
S.S.G.M. College, Kopargaon



*Prof. Deshmukh*  
Prof. Deshmukh A.K.  
Head, P.G. and Research  
Department of Chemistry,  
S.S.G.M. College, Kopargaon.

*Mr. Gosavi*  
25/5/2022  
(Mr. Gosavi A.B.)  
Ex: Exa

*Principal*  
Principal  
S.S.G.M. College  
Kopargaon

A  
PROJECT REPORT  
ON

*"TO FIND DIELECTRIC CONSTANT OF DIFFERENT LIQUID'S"*



*Submitted in a partial fulfillment for the award of degree*

*Master of Science*

*in*

*Physics*

**Savitribai Phule Pune University, Pune**

Submitted By

**Miss.GHAYTADKAR DIPALI SARJERAO**

**M.Sc.II (PHYSICS)**

Under Guidance of

**Miss. V.S.Barhate**

**DEPARTMENT OF PHYSICS,**

**S.S.G.M.College,Kopargaon**

**Year 2021 -2022**

Roll No. :-8534

Exam Seat No. :-

**"Education through self-help is our Motto" - KARMVEER**

Rayat Shikshan Sanstha's.

SHRI SADGURU GANGAGEER MAHARAJSCIENCE,  
GAUTAM ARTS AND SANJIVANI COMMERCECOLLEGE,  
KOPARGAON.



**Savitribai Phule Pune University, Pune**

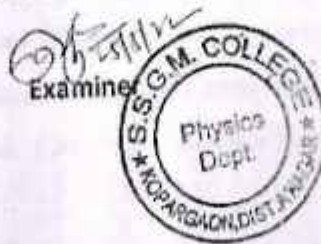
**DEPARTMENT OF PHYSICS**

## **CERTIFICATE**

This is certify that Miss.GHAYTADKAR DIPALI SARJERAO of  
M.Sc.II (PHYSICS)has successfully completed his project work on  
"TO FIND DIELECTRIC CONSTANT OF DIFFERENT LIQUID'S"as  
prescribed by the Savitribai Phule Pune University in the Academic year  
2021-2022.

Barhate  
Project Guide

Miss. V.S.Barhate



Examiner

Head of Department

Prof.Dr.G.N.Kakde

Principal  
S.S.G.M.College  
Kopargaon



A  
Project Report  
On  
"To Determine the magnetic Susceptibility by Gouy's Method"



Submitted in a partial fulfillment of the requirement for the  
Bachelor of Science  
In  
Physics.

Savitribai Phule Pune University

Submitted By

Miss. THOMABRE ANHWAR TRAMOD

TY BSC (Physics)

S. S. G. M. College, Kopergaon

Department of Physics,

2021-2022

1 | Page

Principal  
S.S.G.M.College  
Kopergaon



ROLL NO: 8015

EXAM SEAT NO:

"Education through self-help is our motto"-Karmaveer.

Rayat Shikshan Sanstha's,

Shri Sadguru Gangageer Maharaj Science,

Gautam Arts & Sanjivani Commerce College,

Kopargaon, Dist:-Ahmednagar




Savitribai Phule Pune

University

**Certificate**

This is to certify that submitted Miss.Thombare Ashwini Pramod of class TY Bsc (Physics), has satisfactory completed his project work as per rule laid down by the Savitribai Phule Pune University entitled as "To Determine the Magnetic Susceptibility-by Gouy's Method" during academic year 2021-2022.

  
28/5/22  
PROF. A.B. Autade  
Project Guide

  
28/5/22  
External Examiner

  
Dr. G.N. Kakade  
Head of Department



S.S.G.M. COLLEGE  
Phy. Dept.  
KOPARGAON

2 | Page

  
Principal  
S.S.G.M. College  
Kopargaon



A  
PROJECT REPORT  
ON

**"DESIGN AND SYNTHESIS OF NOVEL 1,3,4-OXIDIAZOLE AND  
PYRAZOLE ANALOGUES"**



Submitted by:

**Mr. KADAM MAYUR ARUN**

**M.Sc. (Organic Chemistry)**

**Department Of Chemistry**

**S, S, G, M, College, Kopargaon.**

Submitted to:

**Department Of Chemistry**

**S, S, G, M, College, Kopargaon.**

Under the guidance of:

**Dr. J. M. GAJBHIYE**

**(Scientist)**

**Division of Organic Chemistry**

**CSIR-NATIONAL CHEMICAL LABORATORY**

**(2018-2019)**

1

  
**Principal**  
**S.S.G.M.College**  
**Kopargaon**



सीएसआईआर - राष्ट्रीय रासायनिक प्रयोगशाला

(रासायनिक तथा औद्योगिक अनुसंधान संस्थान)

डॉ. होमी भाभा मार्ग, पुणे - 411 008, भारत

NCL

CSIR - NATIONAL CHEMICAL LABORATORY

(Council of Scientific & Industrial Research)

Dr. Homi Bhabha Road, Pune - 411 008, India

## CERTIFICATE

This is to certify that the work incorporated in this project entitled "**DESIGN AND SYNTHESIS OF NOVEL 1, 3, 4-OXIDIAZOLE AND PYRAZOLE ANALOGUES**" being submitted to Department of Chemistry, S.S.G.M. College, Kopargaon, Affiliated to Savitribai Phule Pune University, Pune by Mr. Kadam Mayur Arun was carried out under my supervision at the National Chemical Laboratory from 15<sup>th</sup> May-31<sup>st</sup>- December 2018.

Dr. J. M. Gajbhiye

वैज्ञानिक / Scientist  
कार्बनिक रसायन विभाग  
Division of Organic Chemistry,  
सीएसआईआर-राष्ट्रीय रासायनिक प्रयोगशाला  
CSIR - NATIONAL CHEMICAL LABORATORY  
पुणे / Pune - 411008

Principal  
S.S.G.M. College  
Kopargaon



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Riyat Shikshan Sanstha's

SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR

CERTIFICATE



This is certify that the project report entitled "*DESIGN AND SYNTHESIS OF NOVEL 1, 3, 4-OXIDIAZOLE AND PYRAZOLE ANALOGUES*" being submitted by Mr. Kadam Mayur Arun is a bonafied record of work done by him at Organic Chemistry Division, CSIR-National Chemical Laboratory, Pune under guidance of Dr. J. M. Gajbhiye, during the period 15<sup>th</sup> May-31<sup>st</sup> December 2018 in partial fulfillment for the degree of *MASTER OF SCIENCE* in Organic Chemistry.

  
Dr. A .B. Nikumbh  
Head  
(Department of Chemistry)  
S, S, G, M, College  
Kopergaon 423601, Maharashtra.

  
Examiner  
20-6-2019

  
Principal  
S, S, G, M, College  
Kopergaon 423601,  
Maharashtra.

  
Principal  
S.S.G.M.College  
Kopergaon





A



## PROJECT REPORT

**"SYNTHESIS AND CHARACTERIZATION OF PIPERAZINE  
CONTAINING 1, 3, 4-OXIDIAZOLES AND ITS DERIVATIVES"**



**Submitted by:**

**Mr. Krushikesh Dattatray Dhoke.**

M.Sc. (Organic Chemistry)

Department of Chemistry

S.S.G.M. College, Kopargaon.

**Submitted to:**

Department Of Chemistry

S.S.G.M. College, Kopargaon.

**Under the guidance of:**

**Dr. J. M. Gajbhiye.**

(Scientist)

Division of Organic Chemistry

CSIR-NATIONAL CHEMICAL LABORATORY

(2018-19)

  
Principal  
S.S.G.M. College  
Kopargaon

# सीएसआईआर - राष्ट्रीय रासायनिक प्रयोगशाला

(बैज्ञानिक तथा प्रयोगशाला, कोपर्गाव, पुणे)

डॉ. होमी भाभा मार्ग, पुणे - 411 008, भारत

## CSIR - NATIONAL CHEMICAL LABORATORY

(Council of Scientific & Industrial Research)

Dr. Homi Bhabha Road, Pune - 411 008, India



### CERTIFICATE

This is to certify that the work incorporated in this project entitled "*SYNTHESIS AND CHARACTERIZATION OF PIPERAZINE CONTAINING 1,3,4-OXIDIAZOLES AND ITS DERIVATIVES*" being submitted to Department of Chemistry, S.S.G.M. College, Kopergaon, affiliated to Savitribai Phule Pune University, Pune by Mr. Dhoke Krushikesh Dattatray was carried out under my supervision at the National Chemical Laboratory from 15<sup>th</sup> May-31<sup>st</sup>- December 2018.

**Dr. J. M. Gajbhiye.**

वैज्ञानिक / Scientist  
कार्बनिक रसायन विभाग  
Division of Organic Chemistry,  
सीएसआईआर-राष्ट्रीय रासायनिक प्रयोगशाला  
CSIR - NATIONAL CHEMICAL LABORATORY  
पुणे / Pune - 411008

**Principal**  
**S.S.G.M.College**  
**Kopergaon**



FAX

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Director's Office : +91-20-25892901  
COA's Office : +91-20-25892900  
SFC's Office : +91-20-25892901

[www.ncl-india.org](http://www.ncl-india.org)

Dr. J. M. Gajbhiye's

SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.

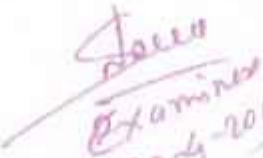
## CERTIFICATE



This is to certify that the project report entitled "**SYNTHESIS AND CHARACTERIZATION OF PIPERAZINE CONTAINING 1,3,4-OXADIAZOLES AND ITS DERIVATIVES**" being submitted by Mr. Dhoke Krushikesh Dattatray is a bonafied record of work done by him at Organic Chemistry Division, CSIR-National Chemical Laboratory, Pune under guidance of Dr. J. M. Gajbhiye, during the period 15<sup>th</sup> May-31<sup>st</sup> December 2018 in partial fulfillment for the degree of **MASTER OF SCIENCE** in organic chemistry.

  
Dr. A. B. Nikumbh  
Head

(Department of Chemistry)  
S. S. G. M. College  
Kopergaon 423601, Maharashtra.

  
Examiner  
20-6-2019

  
Principal  
S. S. G. M. College  
Kopergaon 423601,  
Maharashtra.

  
Principal  
S.S.G.M.College  
Kopergaon

A  
Project report  
On  
**“Synthesis of Silver nanoparticles using chemical reduction  
method from selective plant extract”**

M.Sc. Project carried out as part of curriculum for degree of  
“Master of Science”  
in  
Organic Chemistry  
At  
S. S. G. M. College, Kopargaon.

Submitted By

**MISS. DIGHE SHUBHANGI ARJUN**

M.Sc. II (Organic Chemistry)

2021-2022

Guided By

**Prof. (Dr.) Chavhan N. M.**

Submitted To



P.G. and Research,  
Department of Chemistry,  
S.S.G.M. College, Kopargaon [423601]  
Dist- Ahmednagar [MS] India

  
**Principal**  
**S.S.G.M. College**  
**Kopargaon**



Rayat Shikshan Sanstha's

SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON. DIST-AHMEDNAGAR

## CERTIFICATE



This is to certify that the work incorporated in this project report entitled  
**“Synthesis of Silver nanoparticles using chemical reduction  
method from selective plant extract”** being submitted to the Head, Department  
of Chemistry, S. S. G. M. College, Kopargaon and Savitribai Phule Pune university, Pune by  
Miss. DIGHE SHUBHANGI ARJUN was carried out by her under my supervision at S. S.  
G. M. College, Kopargaon. Dist- Ahmednagar. Material obtained from other source has duly  
acknowledged in this project report.

Date: 18/ 5/ 2022.



Dr. N. M. Chavhan  
Project Guide,  
Department of Chemistry,  
S. S. G. M. College, Kopargaon



Examined

Sanjay  
25/05/22



Mr. A. K. Deshmukh  
Head, P. G. and Research  
Department of Chemistry,  
S. S. G. M. College, Kopargaon

  
Principal  
S.S.G.M.College  
Kopargaon

A

Project report

On

**“ Synthesis and Spectral analysis of some new pyrazole carboxylic acid derivatives”**

M.Sc. Project carried out as part of curriculum for degree of  
“Master of Science”

in

Organic Chemistry

at

S. S. G. M. College, Kopargaon.

Submitted By

MISS. DHAGE YOGESHWARI RAJENDRA

M.Sc. II (Organic Chemistry)

2021-2022

Guided By

**Prof. (Dr.) Chavhan N. M.**

Submitted To



P.G. and Research,  
Department of Chemistry,  
S.S.G.M. College, Kopargaon [423601]  
Dist- Ahmednagar [MS] India

  
Principal  
S.S.G.M.College  
Kopargaon

Rayat Shikshan Sanstha's

SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON. DIST-AHMEDNAGAR

## CERTIFICATE



This is to certify that the work incorporated in this project report entitled **“Synthesis and spectral analysis of some new pyrazole carboxylic acid derivatives”** being submitted to the Head, Department of Chemistry, S. S. G. M. College, Kopargaon and Savitribai Phule Pune university, Pune by Miss. Dhage Yogeshwari Rajendra was carried out by her under my supervision at S. S. G. M. College, Kopargaon. Dist- Ahmednagar. Material obtained from other source has duly acknowledged in this project report.

Date: 18/05/2022.

Dr. N. M. Chavhan  
Project Guide,  
Department of Chemistry,  
S. S. G. M. College, Kopargaon



Examined  
Dhage  
25/05/22

Mr. A. K. Deshmukh  
Head, P. G. and Research  
Department of Chemistry,  
S. S. G. M. College, Kopargaon

Principal  
S.S.G.M.College  
Kopargaon



A

Project Report

On

**“A PRACTICAL AND GREEN PROTOCOL FOR SYNTHESIS OF 2, 3-DIHYDROQUINAZOLIN-4(1H)-ONES USING IONIC LIQUID VIA ANTHRANILAMIDE”**

M.Sc. Project carried out as a part of curriculum for Degree of “Master of Science” in Organic Chemistry at S.S.G.M. College, Kopargaon

Submitted By

**Miss. PATIL MAYURI ANANDA**

M.Sc. II (Organic Chemistry)

Guided By

**Dr. D. M. Suryawanshi**

(M.Sc., Ph.D. NET)

Submitted To



**P.G. & Research Department of Chemistry,**

**S.S.G.M. College, Kopargaon,**

**Dist.-Ahmednagar [MS], India-423601**

**(Academic Year: 2021-2022)**



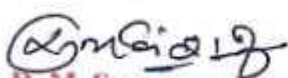
Rayat Shikshan Sanstha's  
SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.

# CERTIFICATE



This to certify that the work incorporated in this project report entitled "A PRACTICAL AND GREEN PROTOCOL FOR SYNTHESIS OF 2,3-DIHYDROQUINAZOLIN-4(1H)-ONES USING IONIC LIQUID VIA ANTHRANILAMIDE" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon affiliated to Savitribai Phule Pune University, Pune by **Miss. PATIL MAYURI ANANDA** was carried out by his under my supervision. Information obtained from other source has duly acknowledged in this project report.

Date: 23/5/2022

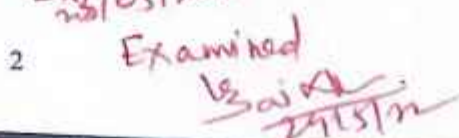
  
**Dr. D. M. Suryawanshi**  
Project Guide,  
Department of Chemistry



  
**Prof. A. K. Deshmukh**  
Head & Vice-Principal  
Department of Chemistry

Examined

  
23/05/2022

2 Examined  
  
24/5/22

  
**Principal**  
S.S.G.M. College  
Kopargaon

A

Project Report

On

**“A PRACTICAL AND GREEN PROTOCOL FOR SYNTHESIS OF 2, 3-DIHYDROQUINAZOLIN-4(1H)-ONES USING IONIC LIQUID VIA ISATOIC ANHYDRIDE”**

M.Sc. Project carried out as a part of curriculum for Degree of “Master of Science” in Organic Chemistry at S.S.G.M. College, Kopargaon

Submitted By

**Mr. JORE SAGAR BABASAHEB**

M.Sc. II (Organic Chemistry)

Guided By

**Dr. D. M. Suryawanshi**

(M.Sc., Ph.D. NET)

Submitted To



**P.G. & Research Department of Chemistry,**

**S.S.G.M. College, Kopargaon,**

**Dist.-Ahmednagar [MS], India-423601**

(Academic Year: 2021-2022)

1

  
**Principal**  
**S.S.G.M. College**  
**Kopargaon**

Rayat Shikshan Sanstha's

SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.


# CERTIFICATE


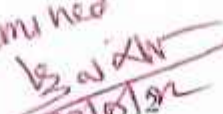


This to certify that the work incorporated in this project report entitled "A PRACTICAL AND GREEN PROTOCOL FOR SYNTHESIS OF 2,3-DIHYDROQUINAZOLIN-4(1H)-ONES USING IONIC LIQUID VIA ISATOIC ANHYDRIDE" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon affiliated to Savitribai Phule Pune University, Pune by **Mr. JORE SAGAR BABASAHEB** was carried out by his under my supervision. Information obtained from other source has duly acknowledged in this project report.

Date: 23/05/2022

**Dr. D. M. Suryawanshi**  
Project Guide,  
Department of Chemistry

  
**Prof. A. K. Deshmukh**  
Head & Vice-Principal  
Department of Chemistry

  
Examined  
by   
23/05/22

  
**Principal**  
S.S.G.M. College  
Kopargaon



A  
Project report  
On

**“SYNTHESIS AND STUDY OF SCHIFF'SBASE LIGAND”**

M.Sc. Project carried out as part of curriculum for degree of “Master of Science” in  
Analytical Chemistry at S.S.G.M. College, Kopargaon

**Submitted By**

**Miss. Varsha Gorakshanath Shinde**

M.Sc. II (Analytical Chemistry)

2021-2022

**Guided By**

**Prof. KASHID P. D.**  
Submitted To



P.G. and Research,  
Department of Chemistry  
S.S.G.M. College, Kopargaon, [423601]  
Dist.-Ahmednagar [MS], India.

  
**Principal**  
**S.S.G.M.College**  
**Kopargaon**



Rayat Shikshan Sanstha's


SHRI SADGURU GANGAGEERI MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.

# CERTIFICATE




This is to certify that the work incorporated in this project report entitled "SYNTHESIS AND STUDY OF SCHIFF'S BASE LIGAND" being submitted to the Head, Department of Chemistry S.S.G.M. College kopargaon and Savitribai Phule Pune University, Pune by **Miss. Varsha Gorakshanath Shinde** was carried out by him under my supervision at S.S.G.M. College Kopargaon. Dist- Ahmednagar from other source has duly acknowledged in this project report.


Date: 23/05/2022

  
Prof. Kashid P. D.  
Project Guide,  
Department of Chemistry,  
S.S.G.M. College, Kopargaon



  
Prof. Deshmukh A.K.  
Head, P.G. and Research  
Department of Chemistry,  
S.S.G.M. College, Kopargaon.

  
Principal  
S.S.G.M. College  
Kopargaon

  
23/5/2022  
(Mr. Gubani A.B.)

(Ex: Exa.)

A  
Project report  
On  
**“ SYNTHESIS AND STUDY OF SCHIFF'SBASE LIGAND ”**

M.Sc. Project carried out as part of curriculum for degree of “Master of Science” in  
Analytical Chemistry at S.S.G.M. College, Kopargaon

**Submitted By**

**Mr. Khillare Rushikesh Sampat**

M.Sc. II (Analytical Chemistry)

2021-2022

**Guided By**

**Prof. KASHID P. D.**

**Submitted To**



P.G. and Research,  
Department of Chemistry  
S.S.G.M. College, Kopargaon, [423601]  
Dist.-Ahmednagar [MS], India.

  
**Principal**  
S.S.G.M. College  
Kopargaon

Royal Shikshan Samiti's

SHRI SADGURU GANGAGEERI MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.

# CERTIFICATE



This is to certify that the work incorporated in this project report entitled "SYNTHESIS AND STUDY OF SCHIFF'S BASE LIGAND" being submitted to the Head, Department of Chemistry S.S.G.M. College kopargaon and Savitribai Phule Pune University, Pune by **Mr. Khillare Rushikesh Sampat** was carried out by him under my supervision at S.S.G.M. College Kopargaon. Dist- Ahmednagar from other source has duly acknowledged in this project report.

Date: 25/05/2022

*Prof. Kashid*  
25/5/2022  
Prof. Kashid P. D.  
Project Guide,  
Department of Chemistry,  
S.S.G.M. College, Kopargaon



*Prof. Deshmukh A.K.*  
Prof. Deshmukh A.K.  
Head, P.G. and Research  
Department of Chemistry,  
S.S.G.M. College, Kopargaon.

*Principal*  
Principal  
S.S.G.M. College  
Kopargaon

*Mr. Gosalvi A.B.*  
25/5/2022  
(Mr. Gosalvi A.B.)  
Ex: Exr.



A  
Project report

On

**“ULTRASOUND AND MICROWAVE ASSISTED SYNTHESIS OF  
SCHIFF’S BASES”**

M.Sc. Project carried out as a part of curriculum for degree of “Master of  
Science” in Organic Chemistry at S.S.G.M. College, Kopargaon.

Submitted By

**Mr. PINGALE SHUBHAM ANAND**

M.Sc. II (Organic Chemistry)

2019-2020

Guided By

**Dr. Mrs. Randhavane P.V.**

Submitted To



Department of Chemistry

**S.S.G.M. College, Kopargaon, [423601]**

**Dist.-Ahmednagar [MS], India.**



Rayat Shikshan Sanstha's  
SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.

# CERTIFICATE



This to certify that the work incorporated in this project report entitled "ULTRASOUND AND MICROWAVE ASSISTED SYNTHESIS OF SCHIFF'S BASES" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon and Savitribai Phule Pune University, Pune by Mr. PINGALE SHUBHAM ANAND was carried out by him under my supervision at S.S.G.M. College Kopargaon. Dist-Ahmednagar. Information obtained from other sources has duly acknowledged in this project report.

Date: 23/9/2020

*PP*  
*tb*  
*23/9/2020*  
Dr. Mrs. Randhavane P. V.  
Project Guide,  
Department of Chemistry,  
S.S.G.M. College, Kopargaon

*Dr. Thopate*  
Dr. Thopate S.R.  
Principal  
S.S.G.M. College, Kopargaon



*1) [Signature]*  
*25.9.2020*  
Dr. N.M. Charles

*2) [Signature]*  
*23/9/2020*  
Randhavane P.V.

*3) [Signature]*  
*23/9/2020*  
Dr. D.N. Gaikwad

*[Signature]*  
Principal  
S.S.G.M. College  
Kopargaon

A

Project report

On

**“SYNTHESIS OF 2-(3,5-Bis(TRIFLUOROMETHYL)PHENOXY)-  
N-BENZYLIDINE ACETOHYDRAZIDE ”**

M.Sc. Project carried out as a part of curriculum for degree of “Master of Science”  
in Organic Chemistry at S.S.G.M. College, Kopargaon

**Submitted By**

**Miss. TUPKARI DHANASHRI RAVINDRA**

M.Sc. II (Organic Chemistry)

2019-2020

**Guided By**

**Dr. Mrs. Randhavane P. V.**

Submitted To



**Department of Chemistry**

**S.S.G.M. College, Kopargaon, [423601]**

**Dist.-Ahmednagar [MS], India.**

Way of Shiksha Sanshodhan

**SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR**

# CERTIFICATE



This to certify that the work incorporated in this project report entitled "**SYNTHESIS OF 2-(3,5-Bis(TRIFLUOROMETHYL)PHENOXY)-N-BENZYLIDINE ACETOHYDRAZIDE**" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon and Savitribai Phule Pune University, Pune by **Miss. TUPKARI DHANASHRI RAVINDRA** was carried out by her under my supervision at S.S.G.M. College Kopargaon. Dist-Ahmednagar. Information obtained from other source has duly acknowledged in this project report.

Date: 23/9/2020

*PP*  
*23/9/2020*

**Dr. Randhavane P. V.**  
Project Guide,  
Department of Chemistry,  
S.S.G.M. College Kopargaon

1) *PP*  
*25.9.2020*  
*Dr. N. M. Chavhan*



*Dr. Thopate*  
**Dr. Thopate S. R.**  
Principal  
S.S.G.M. College Kopargaon

2) *PP*  
*23/9/2020*  
**Randhavane P.V.**

3) *KS*  
*20/9/2020*  
**Mr. J. N. Geikwad**

*PP*  
**Principal**  
**S.S.G.M. College**  
**Kopargaon**



A

Project report

On

**“Characterization of Some Representative Synthesized Pyrazoline Derivatives”**

M.Sc. Project carried out as part of curriculum for degree of  
“Master of Science”

in

Organic Chemistry

at

S. S. G. M. College, Kopergaon.

Submitted By

Mr. Jadhav Vivek Dharmaraj

M.Sc. II (Organic Chemistry)

2019-2020

Guided By

**Dr. Chavhan N. M.**

Submitted To



P.G. and Research,  
Department of Chemistry,  
S.S.G.M. College, Kopergaon [423601]  
Dist- Ahmednagar, [MS], India

  
**Principal**  
S.S.G.M. College  
Kopergaon



Royal Shikshan Sansstha's  
SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR

# CERTIFICATE



This is to certify that the work incorporated in this project report entitled "CHARACTERIZATION OF SOME REPRESENTATIVE SYNTHESIZED PYRAZOLINE DERIVATIVES" being submitted to the Head, Department of Chemistry, S. S. G. M. College, Kopargaon and Savitribai Phule Pune university, Pune by , Mr. Jadhav Vivek Dharmaraj was carried out by him under my supervision at S. S. G. M. College, Kopargaon. Dist- Ahmednagar. Material obtained from other source has duly acknowledged in this project report.

Date: / / 2020

Dr. N. M. Chavhan

Project Guide,  
Department of Chemistry,  
S. S. G. M. College, Kopargaon

Principal

S. S. G. M. Science, Gautam Arts &  
Sanjivani Commerce College, Kopargaon

Prof. A. K. Deshmukh

Head, P. G. and Research  
Department of Chemistry  
S. S. G. M. College, Kopargaon

25.9.2020

Dr. N. M. Chavhan



Examined  
21/9/2020  
Randhavaque P.V.

M. D. N. Kulkarni

Principal  
S.S.G.M.College  
Kopargaon

A

Project report

On

**“Synthesis and Characterization of Some Novel Pyrazoline  
Derivatives”**

M.Sc. Project carried out as part of curriculum for degree of  
“Master of Science”

in

Organic Chemistry

at

S. S. G. M. College, Kopergaon.

Submitted By

**Mr. Jadhav Sanjay Raju**

M.Sc. II (Organic Chemistry)

2018-2019

Guided By

**Dr. Chavhan N. M.**

Submitted To



P.G. and Research,  
Department of Chemistry,  
S.S.G.M. College, Kopergaon [423601]  
Dist- Ahmednagar[MS] India

  
**Principal**  
**S.S.G.M.College**  
**Kopergaon**

Rayat Shikshan Samithi's  
SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAITAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR

## CERTIFICATE



This is to certify that the work incorporated in this project report entitled "SYNTHESIS AND CHARACTERIZATION OF SOME NOVEL PYRAZOLINE DERIVATIVES" being submitted to the Head, Department of Chemistry, S. S. G. M. College, Kopargaon and Savitribai Phule Pune university, Pune by Mr. Jadhav Sanjay Raju was carried out by him under my supervision at S. S. G. M. College, Kopargaon, Dist-Ahmednagar. Material obtained from other source has duly acknowledged in this project report.

Date: / / 2019

Dr. N. M. Chavhan

Project Guide,  
Department of Chemistry,  
S. S. G. M. College, Kopargaon



*Jeeloo  
Examiner  
20-6-2019*

Dr. A. B. Nikumbh

Professor & Head,  
P. G. and Research  
Department of Chemistry,  
S. S. G. M. College, Kopargaon

Principal  
S.S.G.M. College  
Kopargaon

A  
Project report

On

**“Synthesis and Characterization of Some Fluorinated  
Triazoles”**

M.Sc. Project carried out as a part of curriculum for degree of “Master of  
Science” in Organic Chemistry at S.S.G.M. College, Kopergaon

**Submitted By**

**Mr. SHINDE GANESH DNYANESHWAR**

M.Sc. II (Organic Chemistry)

2018-2019

**Guided By**

**Dr. Mrs. Randhavane P. V.**

Submitted To



Department of Chemistry

S.S.G.M. College, Kopergaon, [423601]

Dist.-Ahmednagar [MS], India.

  
Principal  
S.S.G.M. College  
Kopergaon



Rayat Shikshan Samstha's

SHRI SADGURU GANGAGEERI MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR

# CERTIFICATE



This is to certify that the work incorporated in this project report entitled **“Synthesis and Characterization of Some Fluorinated Triazoles”** being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon and Savitribai Phule Pune University, Pune by **Mr. SHINDE GANESH DNYANESHWAR** was carried out by him under my supervision at S.S.G.M. College Kopargaon, Dist- Ahmednagar. Information obtained from other source has duly acknowledged in this project report.

Date: 09/03/2019

Dr. Randhavane P.V.  
Project Guide,  
Department of Chemistry,  
S.S.G.M. College Kopargaon

Dr. Nikumbh A.B.  
I/C Principal  
S.S.G.M. College Kopargaon

Principal  
S.S.G.M. College  
Kopargaon

A

Project report

On

**“Synthesis and Characterization of Some Pyrazole Containing  
Chalcones”**

M.Sc. Project carried out as part of curriculum for degree of “Master of Science” in Organic  
Chemistry at S.S.G.M. College, Kopergaon

**Submitted By**

**Mr. JANGAM HARSHAL KAILAS**

M.Sc. II (Organic Chemistry)

2017-2018

**Guided By**

**Prof. Dr. Randhavane P.V.**

Submitted To



P.G. and Research,

Department of Chemistry

S.S.G.M. College, Kopergaon, [423601]

Dist.-Ahmednagar [MS], India.

SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR

# CERTIFICATE



This is to certify that the work incorporated in this project report entitled "Synthesis and Characterization of Some Pyrazole Containing Chalcones" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon and Savitribai Phule Pune University, Pune by Mr. JANGAM HARSHAL KAILAS was carried out by him under my supervision at S.S.G.M. College Kopargaon, Dist- Ahmednagar. Such material obtained from other source has duly acknowledged in this project report.

Date: 1/3/2018

  
Dr. Randhavane P.V.

Project Guide,

Department of Chemistry,

S.S.G.M. College Kopargaon

  
Principal  
S.S.G.M. College  
Kopargaon

  
25/4/18

Dr. Nikumbh A.B.

Head of P.G and Research

Department of Chemistry,

S.S.G.M. College Kopargaon

  
Principal  
S.S.G.M. College  
Kopargaon

A

Project report on

**“SYNTHESIS AND CHARACTERIZATION OF SOME  
IMPORTANT PYRAZOLINE DERIVATIVES”**

M.Sc. Project carried out as part of curriculum for degree of  
“Master of Science” in Analytical Chemistry

Submitted by

**Mr. SABANE PRASAD BALASAHEB**

M.Sc. II (Analytical Chemistry )  
(2017-2018)

Under the Guidance of

**Dr. CHAVHAN N.M.**

Submitted to



P.G. and Research,

Department of Chemistry,

S. S. G. M. College, Kopargaon [423601]

Dist.- Ahmednagar [MS] India.

  
Principal  
S.S.G.M. College  
Kopargaon



# Certificate



This is to certify that the work incorporated in this project report entitled "SYNTHESIS AND CHARACTERIZATION OF SOME IMPORTANT PYRAZOLINE DERIVATIVES" being submitted to the Head, Department of Chemistry, S. S. G. M. College, Kopergaon and Savitribai Phule Pune University, Pune by **Mr. SABANE PRASAD BALASAHEB**, was carried out by him under my supervision at S.S.G.M. College, Kopergaon, Dist- A.nagar. Such material obtained from other source has duly acknowledged in this project report.


Date: / / 2018.

  
21.4.2018

Dr. N.M. CHAVHAN  
Project Guide,  
Department of Chemistry,  
S. S. G. M. College,  
Kopergaon.

  
23/11/18

Dr. A. B. Nikumbh  
Head, P. G. and Research,  
Department of Chemistry,  
S. S. G. M. College,  
Kopergaon.

  
23/10/18

  
I/C Principal  
S.S.G.M.College  
Kopergaon

  
Principal  
S.S.G.M.College  
Kopergaon

A

Project report

On

**“SYNTHESIS AND CHARACTERISATION OF FLUORINATED  
BENZOXAZOLES”**

M.Sc. Project carried out as part of curriculum for degree of “Master of Science” in  
Analytical Chemistry at S.S.G.M. College, Kopargaon

Submitted By

**Miss. GHODAKE SHASHWATI DILIP**

M.Sc. II (Analytical Chemistry)

2017-2018

Guided By

**Prof. Dr. Jadhav R.K.**

Submitted To



P.G. and Research,

Department of Chemistry

S.S.G.M. College, Kopargaon

Dist.-Ahmednagar, [423601] [MS], India.

Rajawade Sanshodhan Sanstha's

**SHRI SADGURU GANGAGEERI MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR**

CERTIFICATE



This is to certify that the work incorporated in this project report entitled "SYNTHESIS AND CHARACTERISATION OF FLUORINATED BENZOXAZOLES" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopergaon and Savitribai Phule Pune University, Pune by Miss. GHODAKE SHASHWATI DILIP was carried out by her under my supervision at S.S.G.M. College Kopergaon, Dist- Ahmednagar. The reference taken from other source has duly acknowledged in this project report.

Date: 21/4/2018

Dr. Jadhav R. K.

Project Guide,

Department of Chemistry,

S.S.G.M. College Kopergaon

Dr. Nikumbh A. B.

Head, P.G. and Research

Department of Chemistry,

S.S.G.M. College Kopergaon

Principal  
S.S.G.M. College  
Kopergaon

Principal  
S.S.G.M. College  
Kopergaon



A  
PROJECT REPORT  
ON

**"DESIGN AND SYNTHESIS OF NOVEL 1,3,4-OXIDIAZOLE AND  
PYRAZOLE ANALOGUES"**



Submitted by:

**Mr. KADAM MAYUR ARUN**

**M.Sc. (Organic Chemistry)**

**Department Of Chemistry**

**S, S, G, M, College, Kopargaon.**

Submitted to:

**Department Of Chemistry**

**S, S, G, M, College, Kopargaon.**

Under the guidance of:

**Dr. J. M. GAJBHIYE**

**(Scientist)**

**Division of Organic Chemistry**

**CSIR-NATIONAL CHEMICAL LABORATORY**

**(2018-2019)**

1

  
**Principal**  
**S.S.G.M.College**  
**Kopargaon**





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(रासायनिक तथा औद्योगिक अनुसंधान केंद्र)

डॉ. होमी भाभा मार्ग, पुणे - 411 008, भारत

NCL

CSIR - NATIONAL CHEMICAL LABORATORY

(Council of Scientific & Industrial Research)

Dr. Homi Bhabha Road, Pune - 411 008, India

## CERTIFICATE

This is to certify that the work incorporated in this project entitled "**DESIGN AND SYNTHESIS OF NOVEL 1, 3, 4-OXIDIAZOLE AND PYRAZOLE ANALOGUES**" being submitted to Department of Chemistry, S.S.G.M. College, Kopergaon, Affiliated to Savitribai Phule Pune University, Pune by Mr. Kadam Mayur Arun was carried out under my supervision at the National Chemical Laboratory from 15<sup>th</sup> May-31<sup>st</sup>- December 2018.

Dr. J. M. Gajbhiye

वैज्ञानिक / Scientist  
कार्बनिक रसायन विभाग  
Division of Organic Chemistry,  
सीएसआईआर - राष्ट्रीय रासायनिक प्रयोगशाला  
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SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR

CERTIFICATE



This is certify that the project report entitled "*DESIGN AND SYNTHESIS OF NOVEL 1, 3, 4-OXIDIAZOLE AND PYRAZOLE ANALOGUES*" being submitted by Mr. Kadam Mayur Arun is a bonafied record of work done by him at Organic Chemistry Division, CSIR-National Chemical Laboratory, Pune under guidance of Dr. J. M. Gajbhiye, during the period 15<sup>th</sup> May-31<sup>st</sup> December 2018 in partial fulfillment for the degree of *MASTER OF SCIENCE* in Organic Chemistry.

  
Dr. A .B. Nikumbh  
Head  
(Department of Chemistry)  
S, S, G, M, College  
Kopergaon 423601, Maharashtra.

  
Examiner  
20-6-2019

  
Principal  
S, S, G, M, College  
Kopergaon 423601,  
Maharashtra.

  
Principal  
S.S.G.M.College  
Kopergaon



A



## PROJECT REPORT

**"SYNTHESIS AND CHARACTERIZATION OF PIPERAZINE  
CONTAINING 1, 3, 4-OXIDIAZOLES AND ITS DERIVATIVES"**



**Submitted by:**

**Mr. Krushikesh Dattatray Dhoke.**

M.Sc. (Organic Chemistry)

Department of Chemistry

S.S.G.M. College, Kopargaon.

**Submitted to:**

Department Of Chemistry

S.S.G.M. College, Kopargaon.

**Under the guidance of:**

**Dr. J. M. Gajbhiye.**

(Scientist)

Division of Organic Chemistry

CSIR-NATIONAL CHEMICAL LABORATORY

(2018-19)

  
**Principal**  
S.S.G.M. College  
Kopargaon

# सीएसआईआर - राष्ट्रीय रासायनिक प्रयोगशाला

(बैज्ञानिक तथा प्रयोगशाला, कोपर्गाव, पुणे)

डॉ. होमी भाभा मार्ग, पुणे - 411 008, भारत

## CSIR - NATIONAL CHEMICAL LABORATORY

(Council of Scientific & Industrial Research)

Dr. Homi Bhabha Road, Pune - 411 008, India



### CERTIFICATE

This is to certify that the work incorporated in this project entitled "**SYNTHESIS AND CHARACTERIZATION OF PIPERAZINE CONTAINING 1,3,4-OXIDIAZOLES AND ITS DERIVATIVES**" being submitted to Department of Chemistry, S.S.G.M. College, Kopergaon, affiliated to Savitribai Phule Pune University, Pune by Mr. Dhoke Krushikesh Dattatray was carried out under my supervision at the National Chemical Laboratory from 15<sup>th</sup> May-31<sup>st</sup>- December 2018.

**Dr. J. M. Gajbhiye.**

वैज्ञानिक / Scientist  
कार्बनिक रसायन विभाग  
Division of Organic Chemistry,  
सीएसआईआर-राष्ट्रीय रासायनिक प्रयोगशाला  
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Dr. J. M. Gajbhiye's

SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.

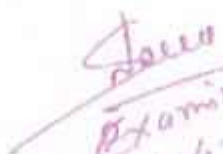
## CERTIFICATE



This is to certify that the project report entitled "**SYNTHESIS AND CHARACTERIZATION OF PIPERAZINE CONTAINING 1,3,4-OXADIAZOLES AND ITS DERIVATIVES**" being submitted by Mr. Dhoke Krushikesh Dattatray is a bonafied record of work done by him at Organic Chemistry Division, CSIR-National Chemical Laboratory, Pune under guidance of Dr. J. M. Gajbhiye, during the period 15<sup>th</sup> May-31<sup>st</sup> December 2018 in partial fulfillment for the degree of **MASTER OF SCIENCE** in organic chemistry.

  
Dr. A. B. Nikumbh  
Head

(Department of Chemistry)  
S. S. G. M. College  
Kopergaon 423601, Maharashtra.

  
Examiner  
20-6-2019

  
Principal  
S. S. G. M. College  
Kopergaon 423601,  
Maharashtra.

  
Principal  
S.S.G.M.College  
Kopergaon

A  
Project report  
On  
**“Synthesis of Silver nanoparticles using chemical reduction  
method from selective plant extract”**

M.Sc. Project carried out as part of curriculum for degree of  
“Master of Science”  
in  
Organic Chemistry  
At  
S. S. G. M. College, Kopargaon.

Submitted By

**MISS. DIGHE SHUBHANGI ARJUN**

M.Sc. II (Organic Chemistry)

2021-2022

Guided By

**Prof. (Dr.) Chavhan N. M.**

Submitted To



P.G. and Research,  
Department of Chemistry,  
S.S.G.M. College, Kopargaon [423601]  
Dist- Ahmednagar [MS] India

  
**Principal**  
**S.S.G.M. College**  
**Kopargaon**

Rayat Shikshan Sanstha's

SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON. DIST-AHMEDNAGAR

## CERTIFICATE



This is to certify that the work incorporated in this project report entitled **“Synthesis of Silver nanoparticles using chemical reduction method from selective plant extract”** being submitted to the Head, Department of Chemistry, S. S. G. M. College, Kopargaon and Savitribai Phule Pune university, Pune by Miss. **DIGHE SHUBHANGI ARJUN** was carried out by her under my supervision at S. S. G. M. College, Kopargaon. Dist- Ahmednagar. Material obtained from other source has duly acknowledged in this project report.

Date: 18/ 5/ 2022.

Dr. N. M. Chavhan  
Project Guide,  
Department of Chemistry,  
S. S. G. M. College, Kopargaon

Examined

Pranish  
25/05/22

Mr. A. K. Deshmukh  
Head, P. G. and Research  
Department of Chemistry,  
S. S. G. M. College, Kopargaon

Principal  
S.S.G.M.College  
Kopargaon



A

Project report

On

**“ Synthesis and Spectral analysis of some new pyrazole carboxylic acid derivatives”**

M.Sc. Project carried out as part of curriculum for degree of  
“Master of Science”

in

Organic Chemistry

at

S. S. G. M. College, Kopargaon.

Submitted By

MISS. DHAGE YOGESHWARI RAJENDRA

M.Sc. II (Organic Chemistry)

2021-2022

Guided By

**Prof. (Dr.) Chavhan N. M.**

Submitted To



P.G. and Research,  
Department of Chemistry,  
S.S.G.M. College, Kopargaon [423601]  
Dist- Ahmednagar [MS] India

  
Principal  
S.S.G.M.College  
Kopargaon



Rayat Shikshan Sanstha's

SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON. DIST-AHMEDNAGAR

## CERTIFICATE



This is to certify that the work incorporated in this project report entitled **“Synthesis and spectral analysis of some new pyrazole carboxylic acid derivatives”** being submitted to the Head, Department of Chemistry, S. S. G. M. College, Kopargaon and Savitribai Phule Pune university, Pune by Miss. Dhage Yogeshwari Rajendra was carried out by her under my supervision at S. S. G. M. College, Kopargaon. Dist- Ahmednagar. Material obtained from other source has duly acknowledged in this project report.

Date: 18/05/2022.

Dr. N. M. Chavhan  
Project Guide,  
Department of Chemistry,  
S. S. G. M. College, Kopargaon



Examined  
Dhage  
25/05/22

Mr. A. K. Deshmukh  
Head, P. G. and Research  
Department of Chemistry,  
S. S. G. M. College, Kopargaon

Principal  
S.S.G.M.College  
Kopargaon

A

Project Report

On

**“A PRACTICAL AND GREEN PROTOCOL FOR SYNTHESIS OF 2, 3-DIHYDROQUINAZOLIN-4(1H)-ONES USING IONIC LIQUID VIA ANTHRANILAMIDE”**

M.Sc. Project carried out as a part of curriculum for Degree of “Master of Science” in Organic Chemistry at S.S.G.M. College, Kopargaon

Submitted By

**Miss. PATIL MAYURI ANANDA**

M.Sc. II (Organic Chemistry)

Guided By

**Dr. D. M. Suryawanshi**

(M.Sc., Ph.D. NET)

Submitted To



**P.G. & Research Department of Chemistry,**

**S.S.G.M. College, Kopargaon,**

**Dist.-Ahmednagar [MS], India-423601**

**(Academic Year: 2021-2022)**


Rayat Shikshan Sanstha's  
SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.

# CERTIFICATE



This to certify that the work incorporated in this project report entitled "A PRACTICAL AND GREEN PROTOCOL FOR SYNTHESIS OF 2,3-DIHYDROQUINAZOLIN-4(1H)-ONES USING IONIC LIQUID VIA ANTHRANILAMIDE" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon affiliated to Savitribai Phule Pune University, Pune by **Miss. PATIL MAYURI ANANDA** was carried out by his under my supervision. Information obtained from other source has duly acknowledged in this project report.

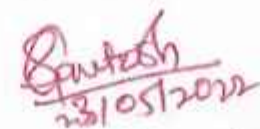
Date: 23/5/2022

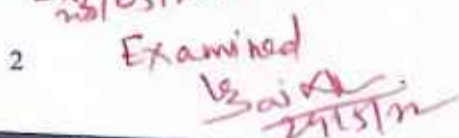
  
**Dr. D. M. Suryawanshi**  
Project Guide,  
Department of Chemistry



  
**Prof. A. K. Deshmukh**  
Head & Vice-Principal  
Department of Chemistry

Examined

  
23/05/2022

2 Examined  
  
23/05/2022

  
**Principal**  
S.S.G.M. College  
Kopargaon



A

Project Report

On

**“A PRACTICAL AND GREEN PROTOCOL FOR SYNTHESIS OF 2, 3-DIHYDROQUINAZOLIN-4(1H)-ONES USING IONIC LIQUID VIA ISATOIC ANHYDRIDE”**

M.Sc. Project carried out as a part of curriculum for Degree of “Master of Science” in Organic Chemistry at S.S.G.M. College, Kopargaon

Submitted By

**Mr. JORE SAGAR BABASAHEB**

M.Sc. II (Organic Chemistry)

Guided By

**Dr. D. M. Suryawanshi**

(M.Sc., Ph.D. NET)

Submitted To



**P.G. & Research Department of Chemistry,**

**S.S.G.M. College, Kopargaon,**

**Dist.-Ahmednagar [MS], India-423601**

(Academic Year: 2021-2022)

1

  
**Principal**  
**S.S.G.M. College**  
**Kopargaon**



Rayat Shikshan Sanstha's

SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.


# CERTIFICATE


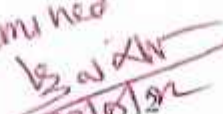


This to certify that the work incorporated in this project report entitled "A PRACTICAL AND GREEN PROTOCOL FOR SYNTHESIS OF 2,3-DIHYDROQUINAZOLIN-4(1H)-ONES USING IONIC LIQUID VIA ISATOIC ANHYDRIDE" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon affiliated to Savitribai Phule Pune University, Pune by **Mr. JORE SAGAR BABASAHEB** was carried out by his under my supervision. Information obtained from other source has duly acknowledged in this project report.

Date: 23/05/2022

**Dr. D. M. Suryawanshi**  
Project Guide,  
Department of Chemistry

  
**Prof. A. K. Deshmukh**  
Head & Vice-Principal  
Department of Chemistry

  
Examined  
  
23/05/22

  
**Principal**  
S.S.G.M. College  
Kopargaon

A  
Project report  
On

**“SYNTHESIS AND STUDY OF SCHIFF'SBASE LIGAND”**

M.Sc. Project carried out as part of curriculum for degree of “Master of Science” in  
Analytical Chemistry at S.S.G.M. College, Kopargaon

**Submitted By**

**Miss. Varsha Gorakshanath Shinde**

M.Sc. II (Analytical Chemistry)

2021-2022

**Guided By**

**Prof. KASHID P. D.**  
Submitted To



P.G. and Research,  
Department of Chemistry  
S.S.G.M. College, Kopargaon, [423601]  
Dist.-Ahmednagar [MS], India.

  
**Principal**  
**S.S.G.M.College**  
**Kopargaon**

Rayat Shikshan Sanstha's


SHRI SADGURU GANGAGEERI MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.

# CERTIFICATE




This is to certify that the work incorporated in this project report entitled "SYNTHESIS AND STUDY OF SCHIFF'S BASE LIGAND" being submitted to the Head, Department of Chemistry S.S.G.M. College kopargaon and Savitribai Phule Pune University, Pune by **Miss. Varsha Gorakshanath Shinde** was carried out by him under my supervision at S.S.G.M. College Kopargaon. Dist- Ahmednagar from other source has duly acknowledged in this project report.


Date: 23/05/2022

  
Prof. Kashid P. D.  
Project Guide,  
Department of Chemistry,  
S.S.G.M. College, Kopargaon



  
Prof. Deshmukh A.K.  
Head, P.G. and Research  
Department of Chemistry,  
S.S.G.M. College, Kopargaon.

  
Principal  
S.S.G.M. College  
Kopargaon

  
23/5/2022  
(Mr. Gubani A.B.)

(Ex: Exa.)



A  
Project report  
On

**“ SYNTHESIS AND STUDY OF SCHIFF'SBASE LIGAND ”**

M.Sc. Project carried out as part of curriculum for degree of “Master of Science” in  
Analytical Chemistry at S.S.G.M. College, Kopargaon

**Submitted By**

**Mr. Khillare Rushikesh Sampat**

M.Sc. II (Analytical Chemistry)

2021-2022

**Guided By**

**Prof. KASHID P. D.**

Submitted To



P.G. and Research,  
Department of Chemistry  
S.S.G.M. College, Kopargaon, [423601]  
Dist.-Ahmednagar [MS], India.

  
**Principal**  
S.S.G.M. College  
Kopargaon



Royal Shikshan Samiti's

SHRI SADGURU GANGAGEERI MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.

# CERTIFICATE



This is to certify that the work incorporated in this project report entitled "SYNTHESIS AND STUDY OF SCHIFF'S BASE LIGAND" being submitted to the Head, Department of Chemistry S.S.G.M. College kopargaon and Savitribai Phule Pune University, Pune by **Mr. Khillare Rushikesh Sampat** was carried out by him under my supervision at S.S.G.M. College Kopargaon. Dist- Ahmednagar from other source has duly acknowledged in this project report.

Date: 25/05/2022

*Prof. Kashid*  
25/5/2022  
Prof. Kashid P. D.  
Project Guide,  
Department of Chemistry,  
S.S.G.M. College, Kopargaon



*Prof. Deshmukh A.K.*  
Prof. Deshmukh A.K.  
Head, P.G. and Research  
Department of Chemistry,  
S.S.G.M. College, Kopargaon.

*Principal*  
Principal  
S.S.G.M. College  
Kopargaon

*Mr. Gosalvi A.B.*  
25/5/2022  
(Mr. Gosalvi A.B.)  
Ex: Exr.

A  
Project report

On

**“ULTRASOUND AND MICROWAVE ASSISTED SYNTHESIS OF  
SCHIFF’S BASES”**

M.Sc. Project carried out as a part of curriculum for degree of “Master of  
Science” in Organic Chemistry at S.S.G.M. College, Kopargaon.

Submitted By

**Mr. PINGALE SHUBHAM ANAND**

M.Sc. II (Organic Chemistry)

2019-2020

Guided By

**Dr. Mrs. Randhavane P.V.**

Submitted To



Department of Chemistry

**S.S.G.M. College, Kopargaon, [423601]**

**Dist.-Ahmednagar [MS], India.**

Rayat Shikshan Sanstha's  
SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR.

# CERTIFICATE



This to certify that the work incorporated in this project report entitled "ULTRASOUND AND MICROWAVE ASSISTED SYNTHESIS OF SCHIFF'S BASES" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon and Savitribai Phule Pune University, Pune by Mr. PINGALE SHUBHAM ANAND was carried out by him under my supervision at S.S.G.M. College Kopargaon. Dist-Ahmednagar. Information obtained from other sources has duly acknowledged in this project report.

Date: 23/9/2020

*PP*  
*tb*  
*23/9/2020*  
Dr. Mrs. Randhavane P. V.  
Project Guide,  
Department of Chemistry,  
S.S.G.M. College, Kopargaon

*Dr. Thopate*  
Dr. Thopate S.R.  
Principal  
S.S.G.M. College, Kopargaon



*1) [Signature]*  
*25.9.2020*  
Dr. N.M. Charles

*2) [Signature]*  
*23/9/2020*  
Randhavane P.V.

*3) [Signature]*  
*23/9/2020*  
Dr. D.N. Gaikwad

*[Signature]*  
Principal  
S.S.G.M. College  
Kopargaon



A

Project report

On

**“SYNTHESIS OF 2-(3,5-Bis(TRIFLUOROMETHYL)PHENOXY)-  
N-BENZYLIDINE ACETOHYDRAZIDE ”**

M.Sc. Project carried out as a part of curriculum for degree of “Master of Science”  
in Organic Chemistry at S.S.G.M. College, Kopargaon

**Submitted By**

**Miss. TUPKARI DHANASHRI RAVINDRA**

M.Sc. II (Organic Chemistry)

2019-2020

**Guided By**

**Dr. Mrs. Randhavane P. V.**

Submitted To



**Department of Chemistry**

**S.S.G.M. College, Kopargaon, [423601]**

**Dist.-Ahmednagar [MS], India.**



Way of Shiksha Sanshodhan

**SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR**

# CERTIFICATE



This to certify that the work incorporated in this project report entitled "**SYNTHESIS OF 2-(3,5-Bis(TRIFLUOROMETHYL)PHENOXY)-N-BENZYLIDINE ACETOHYDRAZIDE**" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon and Savitribai Phule Pune University, Pune by **Miss. TUPKARI DHANASHRI RAVINDRA** was carried out by her under my supervision at S.S.G.M. College Kopargaon. Dist-Ahmednagar. Information obtained from other source has duly acknowledged in this project report.

Date: 23/9/2020

*PP*  
*23/9/2020*

**Dr. Randhavane P. V.**  
Project Guide,  
Department of Chemistry,  
S.S.G.M. College Kopargaon

1) *PP*  
*25.9.2020*  
*Dr. N. M. Chavhan*



*Dr. Thopate*  
**Dr. Thopate S. R.**  
Principal  
S.S.G.M. College Kopargaon

2) *PP*  
*23/9/2020*  
**Randhavane P.V.**

3) *KS*  
*20/9/2020*

*Mr. J.N. Geikwad*

*PP*  
**Principal**  
**S.S.G.M. College**  
**Kopargaon**

A

Project report

On

**“Characterization of Some Representative Synthesized Pyrazoline Derivatives”**

M.Sc. Project carried out as part of curriculum for degree of  
“Master of Science”

in

Organic Chemistry

at

S. S. G. M. College, Kopergaon.

Submitted By

Mr. Jadhav Vivek Dharmaraj

M.Sc. II (Organic Chemistry)

2019-2020

Guided By

**Dr.Chavhan N. M.**

Submitted To



P.G. and Research,  
Department of Chemistry,  
S.S.G.M. College, Kopergaon [423601]  
Dist- Ahmednagar, [MS], India

  
Principal  
S.S.G.M. College  
Kopergaon

Royal Shikshan Sanshtis  
SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR

# CERTIFICATE



This is to certify that the work incorporated in this project report entitled "CHARACTERIZATION OF SOME REPRESENTATIVE SYNTHESIZED PYRAZOLINE DERIVATIVES" being submitted to the Head, Department of Chemistry, S. S. G. M. College, Kopargaon and Savitribai Phule Pune university, Pune by , Mr. Jadhav Vivek Dharmaraj was carried out by him under my supervision at S. S. G. M. College, Kopargaon. Dist- Ahmednagar. Material obtained from other source has duly acknowledged in this project report.

Date: / / 2020

Dr. N. M. Chavhan

Project Guide,  
Department of Chemistry,  
S. S. G. M. College, Kopargaon

Principal

S. S. G. M. Science, Gautam Arts &  
Sanjivani Commerce College, Kopargaon

Prof. A. K. Deshmukh

Head, P. G. and Research  
Department of Chemistry  
S. S. G. M. College, Kopargaon

25.9.2020

Dr. N. M. Chavhan



Examiner

25/9/2020  
Randhava P. V.

M. D. N. Kulkarni

Principal  
S. S. G. M. College  
Kopargaon

A  
Project report  
On  
**“Synthesis and Characterization of Some Novel Pyrazoline  
Derivatives”**

M.Sc. Project carried out as part of curriculum for degree of  
“Master of Science”  
in  
Organic Chemistry  
at  
S. S. G. M. College, Kopargaon.

Submitted By

**Mr. Jadhav Sanjay Raju**

M.Sc. II (Organic Chemistry)

2018-2019

Guided By

**Dr. Chavhan N. M.**

Submitted To



P.G. and Research,  
Department of Chemistry,  
S.S.G.M. College, Kopargaon [423601]  
Dist- Ahmednagar[MS] India

  
**Principal**  
**S.S.G.M.College**  
**Kopargaon**



Rayat Shikshan Samithi's  
SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAITAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR

## CERTIFICATE



This is to certify that the work incorporated in this project report entitled "SYNTHESIS AND CHARACTERIZATION OF SOME NOVEL PYRAZOLINE DERIVATIVES" being submitted to the Head, Department of Chemistry, S. S. G. M. College, Kopargaon and Savitribai Phule Pune university, Pune by Mr. Jadhav Sanjay Raju was carried out by him under my supervision at S. S. G. M. College, Kopargaon, Dist-Ahmednagar. Material obtained from other source has duly acknowledged in this project report.

Date: 7 / / 2019

Dr. N. M. Chavhan

Project Guide,  
Department of Chemistry,  
S. S. G. M. College, Kopargaon



*Jeeloo  
Examiner  
20-6-2019*

Dr. A. B. Nikumbh

Professor & Head,  
P. G. and Research  
Department of Chemistry,  
S. S. G. M. College, Kopargaon

Principal  
S.S.G.M. College  
Kopargaon

A  
Project report

On

**“Synthesis and Characterization of Some Fluorinated  
Triazoles”**

M.Sc. Project carried out as a part of curriculum for degree of “Master of  
Science” in Organic Chemistry at S.S.G.M. College, Kopergaon

**Submitted By**

**Mr. SHINDE GANESH DNYANESHWAR**

M.Sc. II (Organic Chemistry)

2018-2019

**Guided By**

**Dr. Mrs. Randhavane P. V.**

Submitted To



Department of Chemistry

S.S.G.M. College, Kopergaon, [423601]

Dist.-Ahmednagar [MS], India.

  
Principal  
S.S.G.M. College  
Kopergaon

Rayat Shikshan Samstha's

SHRI SADGURU GANGAGEERI MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR

# CERTIFICATE



This is to certify that the work incorporated in this project report entitled **“Synthesis and Characterization of Some Fluorinated Triazoles”** being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon and Savitribai Phule Pune University, Pune by **Mr. SHINDE GANESH DNYANESHWAR** was carried out by him under my supervision at S.S.G.M. College Kopargaon, Dist- Ahmednagar. Information obtained from other source has duly acknowledged in this project report.

Date: 09/03/2019

Dr. Randhavane P.V.  
Project Guide,  
Department of Chemistry,  
S.S.G.M. College Kopargaon

Dr. Nikumbh A.B.  
I/C Principal  
S.S.G.M. College Kopargaon

Principal  
S.S.G.M. College  
Kopargaon

A

Project report

On

**“Synthesis and Characterization of Some Pyrazole Containing  
Chalcones”**

M.Sc. Project carried out as part of curriculum for degree of “Master of Science” in Organic  
Chemistry at S.S.G.M. College, Kopergaon

**Submitted By**

**Mr. JANGAM HARSHAL KAILAS**

M.Sc. II (Organic Chemistry)

2017-2018

**Guided By**

**Prof. Dr. Randhavane P.V.**

Submitted To



P.G. and Research,

Department of Chemistry

S.S.G.M. College, Kopergaon, [423601]

Dist.-Ahmednagar [MS], India.



SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR

# CERTIFICATE



This is to certify that the work incorporated in this project report entitled "Synthesis and Characterization of Some Pyrazole Containing Chalcones" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopargaon and Savitribai Phule Pune University, Pune by Mr. JANGAM HARSHAL KAILAS was carried out by him under my supervision at S.S.G.M. College Kopargaon, Dist- Ahmednagar. Such material obtained from other source has duly acknowledged in this project report.

Date: 1/3/2018

  
Dr. Randhavane P.V.

Project Guide,  
Department of Chemistry,  
S.S.G.M. College Kopargaon

  
Principal  
S.S.G.M. College  
Kopargaon

  
Dr. Nikumbh A.B.

Head of P.G and Research  
Department of Chemistry,  
S.S.G.M. College Kopargaon

  
Principal  
S.S.G.M. College  
Kopargaon

A

Project report on

**“SYNTHESIS AND CHARACTERIZATION OF SOME  
IMPORTANT PYRAZOLINE DERIVATIVES”**

M.Sc. Project carried out as part of curriculum for degree of  
“Master of Science” in Analytical Chemistry

Submitted by

**Mr. SABANE PRASAD BALASAHEB**

M.Sc. II (Analytical Chemistry )  
(2017-2018)

Under the Guidance of

**Dr. CHAVHAN N.M.**

Submitted to



P.G. and Research,

Department of Chemistry,

S. S. G. M. College, Kopargaon [423601]

Dist.- Ahmednagar [MS] India.

  
Principal  
S.S.G.M. College  
Kopargaon

# Certificate



This is to certify that the work incorporated in this project report entitled "SYNTHESIS AND CHARACTERIZATION OF SOME IMPORTANT PYRAZOLINE DERIVATIVES" being submitted to the Head, Department of Chemistry, S. S. G. M. College, Kopargaon and Savitribai Phule Pune University, Pune by **Mr. SABANE PRASAD BALASAHEB**, was carried out by him under my supervision at S.S.G.M. College, Kopargaon, Dist- A.nagar. Such material obtained from other source has duly acknowledged in this project report.

Date: / / 2018.

  
21.4.2018

Dr. N.M. CHAVHAN  
Project Guide,  
Department of Chemistry,  
S. S. G. M. College,  
Kopargaon.

  
23/11/18

Dr. A. B. Nikumbh  
Head, P. G. and Research,  
Department of Chemistry,  
S. S. G. M. College,  
Kopargaon.

  
23/10/18

  
I/C Principal  
S.S.G.M.College  
Kopargaon

  
Principal  
S.S.G.M.College  
Kopargaon

A

Project report

On

**“SYNTHESIS AND CHARACTERISATION OF FLUORINATED  
BENZOXAZOLES”**

M.Sc. Project carried out as part of curriculum for degree of “Master of Science” in  
Analytical Chemistry at S.S.G.M. College, Kopargaon

Submitted By

**Miss. GHODAKE SHASHWATI DILIP**

M.Sc. II (Analytical Chemistry)

2017-2018

Guided By

**Prof. Dr. Jadhav R.K.**

Submitted To



P.G. and Research,

Department of Chemistry

S.S.G.M. College, Kopargaon

Dist.-Ahmednagar, [423601] [MS], India.



Rajawade Sanshodhan Sanstha's

**SHRI SADGURU GANGAGEERI MAHARAJ SCIENCE, GAUTAM ARTS  
AND SANJIVANI COMMERCE COLLEGE, KOPARGAON, DIST-AHMEDNAGAR**

CERTIFICATE



This is to certify that the work incorporated in this project report entitled "SYNTHESIS AND CHARACTERISATION OF FLUORINATED BENZOXAZOLES" being submitted to the Head, Department of Chemistry S.S.G.M. College Kopergaon and Savitribai Phule Pune University, Pune by Miss. GHODAKE SHASHWATI DILIP was carried out by her under my supervision at S.S.G.M. College Kopergaon, Dist- Ahmednagar. The reference taken from other source has duly acknowledged in this project report.

Date: 21/4/2018

Dr. Jadhav R. K.

Project Guide,

Department of Chemistry,

S.S.G.M. College Kopergaon

Dr. Nikumbh A. B.

Head, P.G. and Research

Department of Chemistry,

S.S.G.M. College Kopergaon

Principal  
S.S.G.M. College  
Kopergaon

Principal  
S.S.G.M. College  
Kopergaon

## Activity/Event Report

Name of the Department/Committee	:	<b>Science Association &amp; IIC</b>	
Name of the Activity/Event	:	<b>One Day Seminar on "Innovative Idea"</b>	
Date of Commencement	:	<b>15/10/2022</b>	
Resources/Resource Person	:	<b>Hon. Prof. (Dr.) B. M. Gaykar (Vice Principal, Head, Department of Botany, Chairman, BoS of Botany)</b>	
Number of Beneficiary	:	Students	<b>166</b>
	:	Teachers	<b>21</b>
	:	Other	<b>00</b>
Brief Summary of Activity	:	This event is jointly organised by Science Association & Innovation & Incubation Cell. Prof. (Dr.) N. M. Chavhan explains the aim of the program and introduces the chief guest. Hon. Prof. (Dr.) B. M. Gaykar has delivered the key note address. The Hon. Prin. Dr. Sanap R. R. presides over the program. Mr. S. S. Gaikwad concluded the programme with a vote of thanks.	

Photographs/Video etc.:-



Enclosures:-

- 1) Notice
- 2) Table Programme/Brochure
- 3) Invitation Letter, Thank you Letter of Resource Person



- 4) Participants Attendance List
- Photographs/ Video etc.
- Newspaper Clipping

  
**Principal**  
**S.S.G.M.College**  
**Kopergaon**



रयत शिक्षण संस्थेचे,  
श्री. सदगुरू गंगागीर महाराज सायन्स, गौतम आर्ट्स अँड संजीवनी कॉमर्स  
कॉलेज, कोपरगांव.

दि. १४/१०/२०२२

## नोटीस

महाविद्यालयातील सर्व विद्यार्थ्यांना कळविण्यात येते की, उदया  
शनिवार दि. १५/१०/२०२२ रोजी सकाळी ११.०० वाजता विज्ञान मंडळ  
व इनोव्हेशन अँड इंक्युबेशन सेल यांच्या संयुक्त विद्यमाने कार्यक्रम  
आयोजित केला आहे. सदर कार्यक्रमाचे प्रमुख पाहुणे मा.प्रा.डॉ.बी.एम.  
गायकर, अहमदनगर कॉलेज, अहमदनगर याचे व्याख्यान आयोजित केले  
आहे. तरी सर्वांनी कार्यक्रमास वेळेवर उपस्थित राहावे.



प्र.प्रचार्य,  
श्री स. गं. म. कॉलेज,  
कोपरगांव.





रयत शिक्षण संस्थेचे,  
श्री. सदगुरू गंगागीर महाराज सायन्स, गौतम आर्टस् अॅण्ड संजीवनी कॉमर्स  
कॉलेज, कोपरगांव.

दि. १४/१०/२०२२

## नोटीस

महाविद्यालयातील सर्व प्राध्यापक सहकारी यांना कळविण्यात येते की, उदया शनिवार दि. १५/१०/२०२२ रोजी सकाळी ११.०० वाजता विज्ञान मंडळ व इनोव्हेशन अॅण्ड इंक्युबेशन सेल यांच्या संयुक्त विद्यमाने कार्यक्रम आयोजित केला आहे. सदर कार्यक्रमाचे प्रमुख पाहुणे मा.प्रा.डॉ.बी. एम.गायकर,अहमदनगर कॉलेज अहमदनगर याचे व्याख्यान आयोजित केले आहे. तरी सर्वांनी कार्यक्रमास वेळेवर उपस्थित राहावे.



for.  
प्र.प्राचार्य,  
श्री स. गं. म. कॉलेज,  
कोपरगांव.

*Handwritten signature*

*Handwritten signature*



RAYAT SHIKSHAN SANSTHA'S  
SHRI SADGURU GANGAGEER MAHARAJ SCIENCE,  
GAUTAM ARTS & SANJIVANI COMMERCE COLLEGE,  
Kopargaon, Dist- Ahmednagar-423601

**Science Association and Innovation & Incubation Cell**  
Jointly organizes

One Day Seminar on  
**"INNOVATIVE IDEAS"**



**Table Program**

Date: Saturday, 15<sup>th</sup> October 2022

Time: 11.00 am

- 1) **Lightning of lamp and :** By auspicious hands of all dignitaries  
**Pratima Poojan**
- 2) **Introduction** : **Prof. (Dr.) Chavhan N. M.**  
(Co-ordinator, Innovation & Incubation Cell)
- 3) **Felicitation** : **Hon. Prof. (Dr.) B. M. Gaykar**  
*By auspicious hands of Prin. Dr. Sanap R. R.*  
**Hon. Prin. Dr. Sanap R. R.**  
*By auspicious hands of Vice-Prin. Prof. Deshmukh A. K.*  
**Hon. Prof. Deshmukh A. K. (Vice-Principal)**  
*By auspicious hands of Prof. (Dr.) Chavhan N. M.*  
**Hon. Prof. (Dr.) Randhir S. B. (Vice-Principal)**  
*By auspicious hands of Mr. Gaikwad S. S.*
- 4) **Key Note Address** : **Hon. Prof. (Dr.) Gaykar B. M.**  
(Vice Principal & Head, Department of Botany,  
Ahmednagar College, Ahmednagar)
- 5) **Presidential Speech** : **Hon. Dr. Sanap R. R.**  
(I/C Principal, S.S.G.M. College, Kopergaon)
- 6) **Vote of Thanks** : **Mr. Gaikwad S. S.**
- 7) **Anchoring** : **Dr. Ms. Supekar V. P.**

  
Principal  
S.S.G.M. College  
Kopergaon



RAYAT SHIKSHAN SANSTHA'S

SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS & SANJIVANI COMMERCE COLLEGE,  
KOPARGAON, Dist- Ahmednagar- 423601

# Science Association and Innovation & Incubation Cell Jointly organizes One Day Seminar on **INNOVATIVE IDEAS**

Chief Guest: Hon. Prof. (Dr.) B. M. Gaykar,

Vice Principal & Head, Department of Botany, Ahmednagar College, Ahmednagar.

President: Hon. I/C Prin. Dr. Sanap R. R.

S.S.G.M. College, Kopergaon

Dr. Bhagwat A. B.  
Vice Principal,  
Commerce Faculty

Prof. Deshmukh A. K.  
Vice Principal,  
Science Faculty

Prof. (Dr.) Randhir S  
Vice Principal,  
Arts Faculty

Mr. Gaikwad S. S.  
Chairman, Science Association

Prof. (Dr.) Chavhan N. M.  
Coordinator, IIC

Dr. Malpure N. V.  
IQAC, Coordinator

Prof. (Dr.) Sanap R. R.  
I/C Principal

Saturday, 15<sup>th</sup> October 2022

Time:-11:00 a.m.

Venue- Auditorium

Principal

S.S.G.M. College  
Kopergaon







# SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS & SANJIVANI COMMERCE COLLEGE

KOPARGAON - 423 601 Dist. Ahmednagar (M.S.) India.

Founder : Padmabhushan Dr. Karmaveer Bhaurao Patil, D.Litt.

• NAAC-Reaccredited 'B' Grade • Best College Award by S.P. Pune University • ISO 9001:2008 Certified

I.C. Principal

**Dr. Sanap R. R.**  
M.Sc., Ph.D.

Ref. No. : 1157/2022-23

Date : 13 / 10 / 2022

To,  
The Principal,  
Ahmednagar College, Ahmednagar  
Dist.-Ahmednagar.(M.S., India)

Subject: Regarding the guest lecture on "Innovative Ideas" under  
Science Association of Prof. (Dr) B. M. Gaykar

Respected Sir,

With reference to above mentioned subject our college is going to organize one day seminar under Science Association for the topic "Innovative Ideas". So we are inviting to **Prof. (Dr) B. M. Gaykar** (Vice Principal & HOD, Botany Department) as a resource person on Saturday, 15<sup>th</sup> October 2022 at 11.00 am. So I request you to cooperate in this regard.

Thanking you.

Your faithfully,



  
Principal,  
S.S.G.M.College, Kopergaon.



Rayat Shikshan Sanstha's

Estd. : June 1965

# SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS & SANJIVANI COMMERCE COLLEGE

KOPARGAON - 423 601 Dist. Ahmednagar (M.S.) India.

Founder : Padmabhushan Dr. Karmaveer Bhaurao Patil, D.Litt.

• NAAC-Reaccredited 'B' Grade • Best College Award by S.P. Pune University • ISO 9001:2008 Certified

I.C. Principal  
**Dr. Sanap R. R.**  
M.Sc., Ph.D.

Ref. No. : *By hand*

Date : 15 /10 /2022

To,  
Prof. (Dr) B. M. Gaykar  
Vice Principal & Head  
Department Of Botany,  
Ahmednagar College, Ahmednagar

Subject: Letter of Appreciation

Respected Sir,

I am very thankful to your acceptance and presence as "Guest Lecture" on one day seminar for Science Association. You have delivered very good, informative and motivational lecture to our students on Topic "Innovative Ideas". I hope and expect your valuable moral support in future.

Thanking You

Your faithfully,



*[Signature]*  
Principal,  
S.S.G.M. College, Kopergaon.



RAYAT SHIKSHAN SANSTHA'S  
SHRI SADGURU GANGAGEER MAHARAJ SCIENCE,  
GAUTAM ARTS & SANJIVANI COMMERCE COLLEGE,  
Kopargaon, Dist- Ahmednagar-423601

Science Association and Innovation & Incubation Cell  
Jointly organizes

One Day Seminar on  
"INNOVATIVE IDEAS"

Name of Resource Person: Hon. Prof. (Dr.) Gaykar B. M.

(Vice Principal & Head, Department of Botany, Ahmednagar College, Ahmednagar)

Date: 15/10/2022

Time: 11.00 am

Venue: Auditorium

Sr. No.	Name of the Student	Class	Sign
1	Kakade Kunal Babasaheb	TYBSC	
2	Chavan Dadasaheb Navnath	TY BSC	
3	Bhavar Krishna Navnath	T.Y.BSC	
4	Torpe Vaibhav Chandrakant	TYBSC	
5	Pathan Amir Nisar	TYBSC	
6	Pawar Ganesh Nana	T.Y.Bsc	
7	Roshan Vishnu Khule	T.Y.BSC	
8	Jatare Swapnil Shrikant	T.Y. BSC.	
9	Mhaske Ganesh Dinkar	T.Y. BSC	
10	More Yugant Balkrishna	T.Y.Bsc	
11	Pathade Ganesh Bharat	T.Y.bsc	
12	Bankar Kunal Maruti	F.Y.bsc	
13	Pathare Nilesh Rajiv	F.Y.Bsc	
14	Bambate Ramkrishna Eknath	F.Y.B.Sc	
15	Shirsath Tushar Ashokh	P.Y.B.sc	
16	Patil Pradip Rajendra	Tybsc	
17	Jagtap Jay Machhindra	TY.B.Sc	
18	Arote Shantany Bhausaheb	T.Y.Bsc	
19	Kasar Karan Vilas	T.Y. BSC	
20	Gawand Shilam Ravindra	F.Y. BSC	



Principal  
S.S.G.M. College  
Kopergaon



RAYAT SHIKSHAN SANSTHA'S  
SHRI SADGURU GANGAGEER MAHARAJ SCIENCE,  
GAUTAM ARTS & SANJIVANI COMMERCE COLLEGE,  
Kopargaon, Dist- Ahmednagar-423601

Science Association and Innovation & Incubation Cell  
Jointly organizes

One Day Seminar on  
"INNOVATIVE IDEAS"

Name of Resource Person: Hon. Prof. (Dr.) Gaykar B. M.

(Vice Principal & Head, Department of Botany, Ahmednagar College, Ahmednagar)

Date: 15/10/2022

Time: 11.00 am

Venue: Auditorium

Sr. No.	Name of the Student	Class	Sign
1	Ghaytadkar om krushna	F.y BSC	
2	Dhokane shashikant kheladu	F.y. BSC.	
3	Rahul Jattatray ulekar.	F.y. BSC.	
4	Gadkwal Pritam bharadwaj	F.y. BSC.	
5	Rohit Vijay mall	F.Y BSC.	
6	Harshal dhanshwar lachune	F.y BSC.	
7	Rajput Atul Sobatsing	F.Y BSC	
8	Thorat Samadhan Raosaheb	F.Y BSC	
9	Gagare Gaurav Santosh	T.Y. BSC	
10	Gotate Mahesh Bhaskar	T.Y. BSC	
11	Jadhav pradip punjaram	T.y. bsc	
12	Dhokane pratik Ganpat	T.Y. BSC	
13	Bhokane pravin Ganpat	T.Y. bsc	
14	Barhate sanket vijay	T.Y. Bsc	
15	Jagtap somanath	T.Y. Bsc	
16	Shinde Akash Ashok	T.Y. BSC.	
17	Shinde Akshay suresh	T.y BSC	
18	Gawale Akshay Kisan	Fy. BSC	
19	Kolhe shubham Anasahel	S.Y. B.S.C	
20	Mapari Amit Balasaheb	S.Y. B.Sc	



Principal  
S.S.G.M. College  
Kopargaon



**RAYAT SHIKSHAN SANSTHA'S  
SHRI SADGURU GANGAGEER MAHARAJ SCIENCE,  
GAUTAM ARTS & SANJIVANI COMMERCE COLLEGE,  
Kopargaon, Dist- Ahmednagar-423601**

**Science Association and Innovation & Incubation Cell**  
Jointly organizes

**One Day Seminar on  
"INNOVATIVE IDEAS"**

**Name of Resource Person:** Hon. Prof. (Dr.) Gaykar B. M.

(Vice Principal & Head, Department of Botany, Ahmednagar College, Ahmednagar)

**Date:** 15/10/2022

**Time:** 11.00 am

**Venue:** Auditorium

Sr. No.	Name of the Student	Class	Sign
1	Wakchaure Yogesh Sanjay	S.Y.B.Sc.	
2	Salunke Keshav Ravindra	S.Y.B.Sc.	
3	Shinde Sagae Vilas	S.Y.B.Sc.	
4	Aher darshan Panditao	S.Y.B.Sc.	
5	Shinde mukund bhanudas	S.Y.B.Sc.	
6	sonawane kartik Dattatray	S.Y.B.Sc.	
7	wagh parth rajendra	S.Y.B.Sc.	
8	watghule Akshay Balasaheb	S.Y.B.Sc.	
9	Wag kankale Shubham D	Sy. B.Sc.	
10	Kshirsagar Saurabh V	Sy. B.Sc.	
11	shinde Aditya Narasheeb	Sy. B.Sc.	
12	Aher Rahul Sandip	S.Y.B.Sc.	
13	Adhikar Ankit Sanjay	S.Y.B.Sc.	
14	Kawade Dipak Eknath	S.Y.B.Sc.	
15	Rohom Saurabh Bhausaheb	S.Y.B.Sc.	
16	Wagh Ganesh Balasaheb	S.Y.B.Sc.	
17	Gaurav Shankar Chandan	S.Y.B.Sc.	
18	Chauhan Santosh Pandif	S.Y.B.Sc.	
19	Kurhe Vaibhav Jalindar	Sy Bsc	
20	CHINE GANESH CHANDRAKANT	S.Y.B.Sc.	



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RAYAT SHIKSHAN SANSTHA'S  
SHRI SADGURU GANGAGEER MAHARAJ SCIENCE,  
GAUTAM ARTS & SANJIVANI COMMERCE COLLEGE,  
Kopargaon, Dist- Ahmednagar-423601

Science Association and Innovation & Incubation Cell  
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One Day Seminar on  
"INNOVATIVE IDEAS"



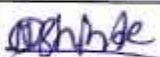
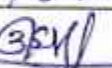
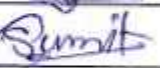
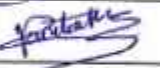



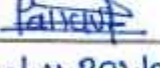
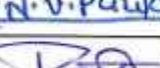


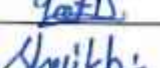

Name of Resource Person: Hon. Prof. (Dr.) Gaykar B. M.

(Vice Principal & Head, Department of Botany, Ahmednagar College, Ahmednagar)

Date: 15/10/2022

Time: 11.00 am

Venue: Auditorium

Sr. No.	Name of the Student	Class	Sign
1	Hon Pratik Vishnu.	T.Y. BSc	
2	Somase omkar Anil	T.Y.B.Sc	
3	shinde Nikhil Kailas	T.Y.B.Sc	
4	Kshirsagar Bapusaheb Rajendra	T.Y.B.Sc	
5	karpe sumit ramdas	T.Y.B.Sc	
6	Kandalkar Laxman Gurakhnath	T.Y.B.Sc	
7	Gorde Pooja Shankar	S.Y.B.Sc	
8	Tupake Rutuja Kallas	S.Y.B.Sc	
9	khalkar Gauri Ashok	S.Y.B.Sc	
10	Pawar Pallavi Dattu	S.Y.B.Sc	
11	pawar Nikita Vishwanath	S.Y.B.Sc	
12	Kottare Kamini Kantilal	S.Y.B.Sc	
13	Sheemle Rachee Hanuman	F.Y.B.Sc	
14	Patil shivani sunil	F.Y.B.Sc	
15	shaikh sang Mansur	F.Y.B.Sc	
16			
17			
18			
19			
20			



  
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"INNOVATIVE IDEAS"**

**Name of Resource Person:** Hon. Prof. (Dr.) Gaykar B. M.

(Vice Principal & Head, Department of Botany, Ahmednagar College, Ahmednagar)

**Date:** 15/10/2022

**Time:** 11.00 am

**Venue:** Auditorium

Sr. No.	Name of the Teacher	Class	Sign
1	Dr. Supkar Vaishali Prabhakar	—	
2	@ibase Rohini Baliram	—	
3	Dr. Smt. Chavan Seema Ravinder	—	
4	Petave Jayshri Mohan	—	
5	Goze Anita Bhausaheb	—	
6	Ruptake Kauchan - S.	—	
7	Prasad Ankita . B.	—	
8	Gorde Deepali Sanjay	—	
9	Shinde suvarna Devidas	—	
10	Kashid Khyanka Dattatray	—	
11	Prof G.S. Chandhan	—	
12	Dr. Suryawanshi D. M.	—	
13	Dr. Jwariode V.R.	—	
14	Prof. Jadhav S.B.	—	
15	Jagtup S.N	—	
16	Shinde Sanket Suresh	—	
17	Mr. Khilae Yogesh Prabhakar	—	
18	Lohakane Ashwini Ashok	—	
19	Suralkar Pratiksha Bhimraj	—	
20	Dr. Randhavane Pratibhavittal	—	
21	Gadekar Deepali Jaisam	—	



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Rayat Shikshan Sanstha's  
**SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS  
& SANJIVANI COMMERCE COLLEGE, KOPARGAON**

S. S. G. M. College, "Karmaveer Science Talent Search 2021" Quiz was organized on 22/09/2021 on the occasion of Karmaveer Bhaurao Patil Jayanti by Science association in the college. This examination were given by 128 students of science department. The first three students were Nikhil Kailas Shinde, Rishikesh Sopan Dubey and Medhe Sandesh Pralhad respectively. The first lecture of Science Association was given by Dr. C. R. Jadhav, Botanist, Botanical Survey of India, Western Regional Center, Pune, on 18/02/2022. A Google Quiz was organized on the occasion of Science Day (28/02/2022) through this committee to develop the Scientific attitude in the students. 214 Students were participated in this quiz. The rank holder students were Rukmini Vaibhav Bhaskar, Bhaskar Devovrat Vaibhav and Tanuja Gulabrao Pawar respectively.

  
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Kopargaon



**Kopargaon, Maharashtra, India**

Kopargaon - Yeola Rd, Riddhi Siddhi Nagar, Kopargaon, Maharashtra 423601, India

Lat 19.896675°

Long 74.482053°

18/02/22 11:51 AM



**Kopargaon, Maharashtra, India**

Kopargaon - Yeola Rd, Riddhi Siddhi Nagar, Kopargaon, Maharashtra 423601, India

Lat 19.896675°

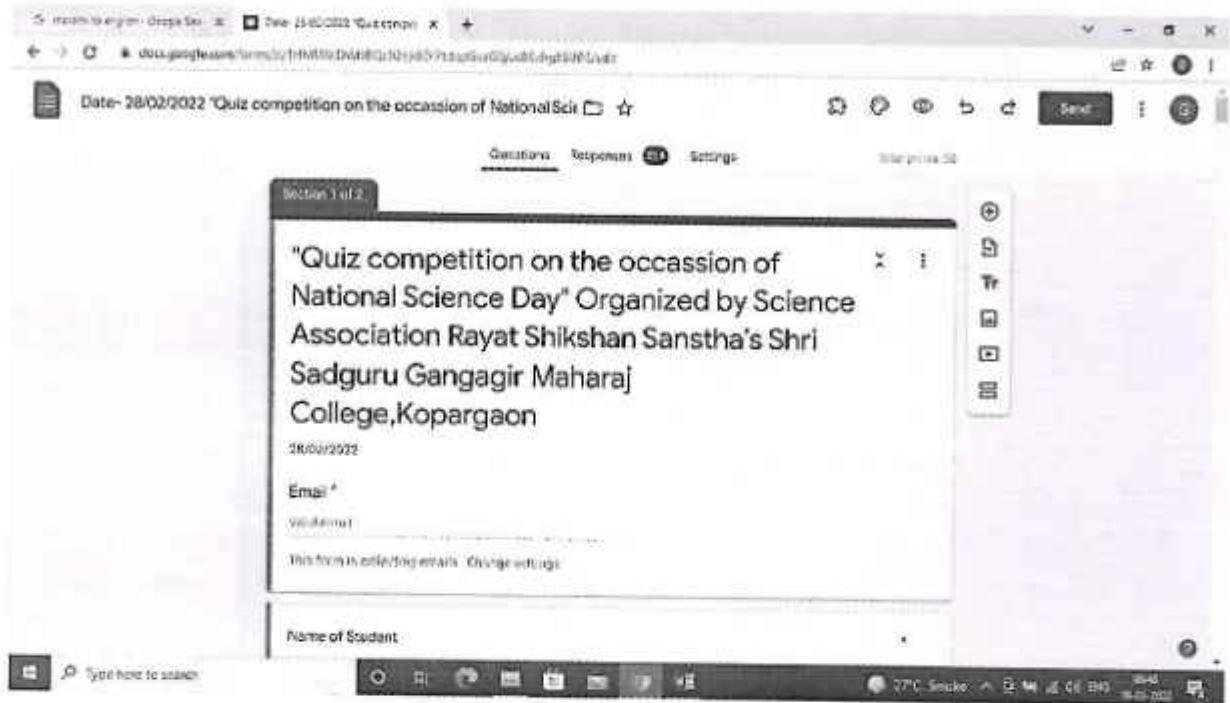
Long 74.482053°

18/02/22 11:50 AM

**Science Association Inauguration 2021-22 (18/02/2022)**

  
**Principal**  
**S.S.G.M. College**  
**Kopargaon**





### Quiz competition on the occasion of science Day 28/02/2022

#### Top 3 Candidates

Sr. No.	Name of Student	Score	Class
1	Rukhmini Vaibhav Bhaskar	48	M. SC. II
2	Bhaskar Deovrat Vaibhav	47	S. Y. B. SC.
3	Tanuja Gulabrao Pawar	47	T. Y. B. SC.

  
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**SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS &  
SANJIVANI COMMERCE COLLEGE, KOPARGAON**  
**Quiz competition on the occasion of Science Day 28/2/2022**  
**Responses**

Sr. No.	Name of Student	Score	Class
1	Rukhmini Vaibhav Bhaskar	48	M. SC. II
2	Bhaskar Deovrat Vaibhav	47	S. Y. B. SC.
3	Tanuja Gulabrao Pawar	47	T. Y. B. SC.
4	Dokhale Pritam Rajendra	47	M. SC. II
5	Dhananjay N. Gaikwad	46	Under Graduate
6	Dhage Yogeshwari Rajendra	46	M. SC. II
7	Abhale Vaishali prakash	46	M. SC. II
8	Sonawane Vaishnavi Nitin	46	M. SC. I
9	Pratidnya Raju Khaimar	46	M. SC. I
10	Anjali Babasaheb Sant	45	S. Y. B. SC.
11	Shinde Shubham Madhav	45	M. SC. II
12	Cholake sima nivrutti	45	T. Y. B. SC.
13	Wakchaure Yogesh Sanjay	45	F. Y. B. SC.
14	Sabale Prajakta Raskar	45	T. Y. B. SC.
15	Kharde Rutuja Ashok	44	S. Y. B. SC.
16	Bornare Gita Kailas	44	T. Y. B. SC.
17	Shrushti Rajendra Jadhav.	44	T. Y. B. SC.
18	Ashish sanjay lahire	44	T. Y. B. SC.
19	Rasal pratiksha Dnyaneshwar	44	T. Y. B. SC.
20	Bramhane Sairam Somnath	44	F. Y. B. SC.
21	Lamkhade Madhuri Somnath	44	M. SC. I
22	Kurhe Harshad Shivaji	44	S. Y. B. SC.
23	Pathade Ganesh Bharat	44	S. Y. B. SC.
24	Pawar chaitali kisan	44	S. Y. B. SC.
25	Sonawane Vanita Vasant	44	M. SC. II
26	Pawar Vishal Ramnath	44	T. Y. B. SC.
27	Pawar Vaibhav Nagu	44	T. Y. B. SC.
28	Shejwal Ashwini valmik	43	T. Y. B. SC.
29	Roshni sopan gursal	43	M. SC. I
30	Torpe Vaibhav Chandrakant	43	S. Y. B. SC.
31	Kshirsagar Bapusaheb Rajendra	43	S. Y. B. SC.
32	Bagai Hrutik Vikas	43	T. Y. B. SC.
33	Nikam Prashant Balnath	43	F. Y. B. SC.
34	Dube Pratik Sham	43	S. Y. B. SC.
35	Somase kalyani valmik	43	T. Y. B. SC.
36	Jagtap Jagadish Ashok	43	T. Y. B. SC.
37	Deokar Sakshi Gorakshnath	43	S. Y. B. SC.
38	Korhalkar Soham Makarand	43	T. Y. B. SC.
39	Sonawane Digambar Uttam	43	T. Y. B. SC.
40	Jamdar Tejal Rajendra	43	S. Y. B. SC.
41	Hrushikesh Kailas Mate	43	S. Y. B. SC.

  
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**Kopergaon**

42	Barhate Pratik Sanjay	43	S. Y. B. SC.
43	Ahire Poonam Namdeo	43	S. Y. B. SC.
44	Gaikwad Vishakha Dinesh	43	T. Y. B. SC.
45	Kotaame Paresh Sunil	43	T. Y. B. SC.
46	Chavan kaveri chindhu	43	S. Y. B. SC.
47	Hon Pratik Vishnu	43	S. Y. B. SC.
48	Kunde Vitthal Balasaheb	43	T. Y. B. SC.
49	Kunde Vitthal Balasaheb	43	T. Y. B. SC.
50	Shinde samiksha vitthal.	43	T. Y. B. SC.
51	Gaikwad Akshada Dinesh	43	F. Y. B. SC.
52	Yadav Nilendra Lalmani	43	T. Y. B. SC.
53	Rani Dilip Bankar	42	M. SC. II
54	Dr Yogesh Arun Pund	42	S. Y. B. SC.
55	Pangavhane Abhishek Rajesh	42	T. Y. B. SC.
56	Barhate Sanket Vijay	42	S. Y. B. SC.
57	Deshmukh pranali Raju	42	T. Y. B. SC.
58	Mapari Shubhangi Subhash	42	T. Y. B. SC.
59	Aher Vaishnavi sitaram	42	T. Y. B. SC.
60	Ukirde Sonali Badrinath	42	T. Y. B. SC.
61	Pathak Vaishnavi Gorakshnath	42	S. Y. B. SC.
62	Gavhale vaibhav subhash	42	T. Y. B. SC.
63	Pawar harshali ramdas	42	S. Y. B. SC.
64	Shubham Dagale	42	T. Y. B. SC.
65	DAGALE SHIVANI LAXMAN	42	F. Y. B. SC.
66	Deokar Ishwari Jitendra	42	S. Y. B. SC.
67	kharat uma parmeshwar	42	S. Y. B. SC.
68	Manisha Raosaheb Autte	42	M. SC. II
69	More Tejashri Gorakshanath	42	T. Y. B. SC.
70	Apeksha Kapadi	42	M. SC. II
71	Bhavar krushna Navnath	41	S. Y. B. SC.
72	Gaikwad Nikita Ganesh.	41	T. Y. B. SC.
73	Bawake Abhishek Vinayak	41	M. SC. I
74	Deokar Priti Bhausahab	41	S. Y. B. SC.
75	Gavade Srushti Jalindar	41	T. Y. B. SC.
76	Aher Pratiksha Harishchandra	41	T. Y. B. SC.
77	More Darshana Govind	41	S. Y. B. SC.
78	Anjali ramrao bhosale	41	S. Y. B. SC.
79	More jagruti ashok	41	F. Y. B. SC.
80	Dawange Gayatri Rajkumar	41	S. Y. B. SC.
81	Kadam Akshada Ramdas	41	M. SC. I
82	Ranshur Vaishali Babasaheb	41	M. SC. II
83	Nile Akash Balu	41	M. SC. II
84	Shubham Ashok Wagh	41	M. SC. II
85	Tanvi Gawade	41	S. Y. B. SC.
86	Ghumare Priti Dattu	41	M. SC. II
87	Jatare Swapnil Shrikant	41	S. Y. B. SC.
88	Beldar Chetan Tarachand	41	M. SC. I
89	Bagwan Alfiya Maherajkha	41	S. Y. B. SC.
90	Aher Vaishnavi Bhaskar	40	T. Y. B. SC.
91	Gaikwad vidya dilip	40	M. SC. II
92	Gavande Kavita Mohan	40	M. SC. II
93	Vaibhav Deokar	40	T. Y. B. SC.



94	Dube Hrushikesh Sopan	40	T. Y. B. SC.
95	TEJAL KAILAS MORE	40	S. Y. B. SC.
96	Priyanka Raghunath More	40	M. SC. II
97	Popalghat vaibhav manoj	40	T. Y. B. SC.
98	Abhijeet kakasaheb shinde	40	M. SC. II
99	Bhokare shital Ashok	40	S. Y. B. SC.
100	Shiledar Tanuja Ravindra	40	T. Y. B. SC.
101	Mahesh more	40	S. Y. B. SC.
102	Hrishikesh Sanjay Gunjal	40	T. Y. B. SC.
103	Pangavhane nikita ramesh	40	S. Y. B. SC.
104	Sonawane Yogesh Machhindra	40	M. SC. II
105	Shingare sakshi kiran	40	S. Y. B. SC.
106	Ankita Tipayale	40	M. SC. II
107	Londhe Siddhartha minnath	39	S. Y. B. SC.
108	Raktate Tanuja vijay	39	M. SC. II
109	Bairagi Krushnaji Bharatdas	39	M. SC. I
110	Aditya Vilas Gavali	39	T. Y. B. SC.
111	Rokade jayashri ganpat	39	T. Y. B. SC.
112	Darekar Priyanka dattatray	39	T. Y. B. SC.
113	Jadhav harihar sanjay	39	T. Y. B. SC.
114	More Sanket Changdev	39	T. Y. B. SC.
115	Attar Junaid Arif	39	T. Y. B. SC.
116	Nilkanth Shivani Satish	39	S. Y. B. SC.
117	Jadhav varun vasant	39	T. Y. B. SC.
118	Kurhade Vikas Dagadu	39	M. SC. II
119	Pachore Payal Parashuram	39	S. Y. B. SC.
120	Khandgaure Ankush Ramchandra	39	S. Y. B. SC.
121	Mhaske Ganesh Dinkar	38	S. Y. B. SC.
122	Kadam shital vilas	38	M. SC. II
123	Supriya Dadasaheb Shinde	38	F. Y. B. SC.
124	Kadam Dhanashri Anant	38	T. Y. B. SC.
125	Kankrale rutik sanjay	38	S. Y. B. SC.
126	Pawar Ganesh Nana	38	S. Y. B. SC.
127	Walunj Ravindra Madhavrao	38	S. Y. B. SC.
128	Yeshi Anuja Pramod	38	M. SC. II
129	Rohamare shweta vijay	38	M. SC. II
130	Mayuri Balasaheb Deokar.	38	M. SC. II
131	KHARAT NISHIGANDHA BAJIRAO	38	T. Y. B. SC.
132	Jadhav Rushikesh Gorksh	38	M. SC. II
133	Tushar Namdeo Harde	38	S. Y. B. SC.
134	Gavande Gayatri Madhukar	38	T. Y. B. SC.
135	Ushire Ishwari Ashok	38	T. Y. B. SC.
136	Manoj dnyaneshwar davange	38	M. SC. II
137	Hon Akshay Madhukar	37	M. SC. II
138	Wathore Akash uttam	37	Under Graduate
139	Wakchaure Manjiri vishwas	37	T. Y. B. SC.
140	Shraddha Popat Kate	37	M. SC. II
141	Rupali Ramesh Navale	37	M. SC. II
142	Pradip punjaram Jadhav	37	S. Y. B. SC.
143	Dawange Manisha Ambadas	37	T. Y. B. SC.
144	Ghorpade Shraddha bhara	36	S. Y. B. SC.
145	Dhepale sushmita Sanjay	36	F. Y. B. SC.

146	Patil Mayuri Ananda	36	M. SC. II
147	Suralkar Hemangi Atul	36	T. Y. B. SC.
148	Pawar nikita vishwanath	36	F. Y. B. SC.
149	Abhishek sampat dawange	35	S. Y. B. SC.
150	Shinde Suyash Sunil	35	M. SC. II
151	Kavade gitanjali chandraknat	35	S. Y. B. SC.
152	Mapari Madhuri Gorakshnath	35	S. Y. B. SC.
153	TEKE MAHESH DHANANJAY	35	M. SC. II
154	Katware Kaveri Shashikant	35	T. Y. B. SC.
155	Pandore Priti Bhaiyyasaheb	35	T. Y. B. SC.
156	Shirsath vaibhav sopan	34	T. Y. B. SC.
157	Lamkhade Jeevan Balasaheb	34	T. Y. B. SC.
158	Mahale bhumika yogesh	34	T. Y. B. SC.
159	Manorama Monik Khatun	34	T. Y. B. SC.
160	Shinde Vijaya Bhaskar	34	F. Y. B. SC.
161	Pachore tanvi sampat	34	S. Y. B. SC.
162	Agwan Omkar Dattatray	33	M. SC. II
163	Gaikwad gaurav sopan	33	M. SC. I
164	Vivek Vilas Sapike	33	M. SC. II
165	Sonawane Vishal Santosh	33	F. Y. B. SC.
166	Pawar kalyani Santosh	33	S. Y. B. SC.
167	Vaidya Monika Vishnu	32	T. Y. B. SC.
168	Moim Sandip Balasaheb	31	M. SC. II
169	Gare Kunal Sukdev	31	M. SC. I
170	Shelar Pornima Ashok	31	T. Y. B. SC.
171	Nagare Abhijeet	31	M. SC. II
172	Salunke sonali navnath	31	T. Y. B. SC.
173	Jejurkar Yogesh Dattatray	30	M. SC. II
174	Sapte vaishali sapte	30	M. SC. II
175	Pingat Priyanka Magan	30	M. SC. II
176	kudal sonali vijay	30	S. Y. B. SC.
177	Bhalerao mohini Rajendra	30	M. SC. II
178	Paithankar tushar dattu	30	T. Y. B. SC.
179	Shelke vaishnavi dnyaneshwar	29	T. Y. B. SC.
180	Dane Sayali Gorakh	29	T. Y. B. SC.
181	Rushikesh Sanjay Jejurkar	29	M. SC. II
182	Deepak Karbhari Raktate	29	M. SC. II
183	Varade Monika Ramchandra	29	F. Y. B. SC.
184	Kolhe Pravin annasaheb	28	M. SC. I
185	Ajinkya Bhausaheb Jagdale	28	S. Y. B. SC.
186	Somase mayur ramesh	28	T. Y. B. SC.
187	Sayyad fiza Rafik	28	F. Y. B. SC.
188	Salve Tushar Sanjay	27	M. SC. I
189	Jamdar Pratiksha Babasaheb	27	S. Y. B. SC.
190	Chaudhari Pratap Rausaheb	26	M. SC. I
191	Jadhav komal sanjay	26	S. Y. B. SC.
192	Bhagwat ujwala Kailas	26	F. Y. B. SC.
193	Hujare Vrushali Rajendra	26	M. SC. II
194	More Sunil ashok	23	M. SC. I
195	Kute Aruna Dattatray	23	F. Y. B. SC.
196	Bhagwat komal machhindra	23	S. Y. B. SC.
197	Shinde Onkar Bhikchand	23	M. SC. II



198	Karpe sumit ramdas	22	S. Y. B. SC.
199	watghule akshay Balasaheb	22	F. Y. B. SC.
200	Deokar Nikita Dnyandeo	21	F. Y. B. SC.
201	Kasar Karan Vilas	19	S. Y. B. SC.
202	Gaikwad Shivam Santosh	19	S. Y. B. SC.
203	Vijay Narayan Pote	19	M. SC. II
204	Diwate Vaishali Sopan	17	S. Y. B. SC.
205	Jagtap Siddhant Santosh	13	T. Y. B. SC.
206	Prajesh vijay gavare	13	T. Y. B. SC.
207	Kadam purva jaywant	13	S. Y. B. SC.
208	Bhokare Pravin Ganapat	12	S. Y. B. SC.
209	Gaikwad Vishal Arjun	12	T. Y. B. SC.
210	Shinde Monali Balasaheb	12	S. Y. B. SC.
211	Shraddha bhausahab khale	11	S. Y. B. SC.
212	Dane Gaurav Ashok	10	F. Y. B. SC.
213	Pavan Shivaji Bhuse	8	T. Y. B. SC.
214	Nilam ashok borde	7	F. Y. B. SC.

**Top 3 Candidates**

Sr. No.	Name of Student	Score	Class
1	Rukhmini Vaibhav Bhaskar	48	M. SC. II
2	Bhaskar Devrat Vaibhav	47	S. Y. B. SC.
3	Tanuja Gulabrao Pawar	47	T. Y. B. SC.



*[Handwritten Signature]*

Principal  
S.S.G.M. College  
Kopergaon

*[Handwritten Signature]*  
Principal  
S.S.G.M. College  
Kopergaon





Rayat Shikshan Sanstha's

SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM  
ARTS & SANJIVANI COMMERCE COLLEGE, KOPARGAON

DIST. AHMEDNAGAR 423 601, MAHARASHTRA, INDIA  
AFFILIATED TO SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Certificate of appreciation

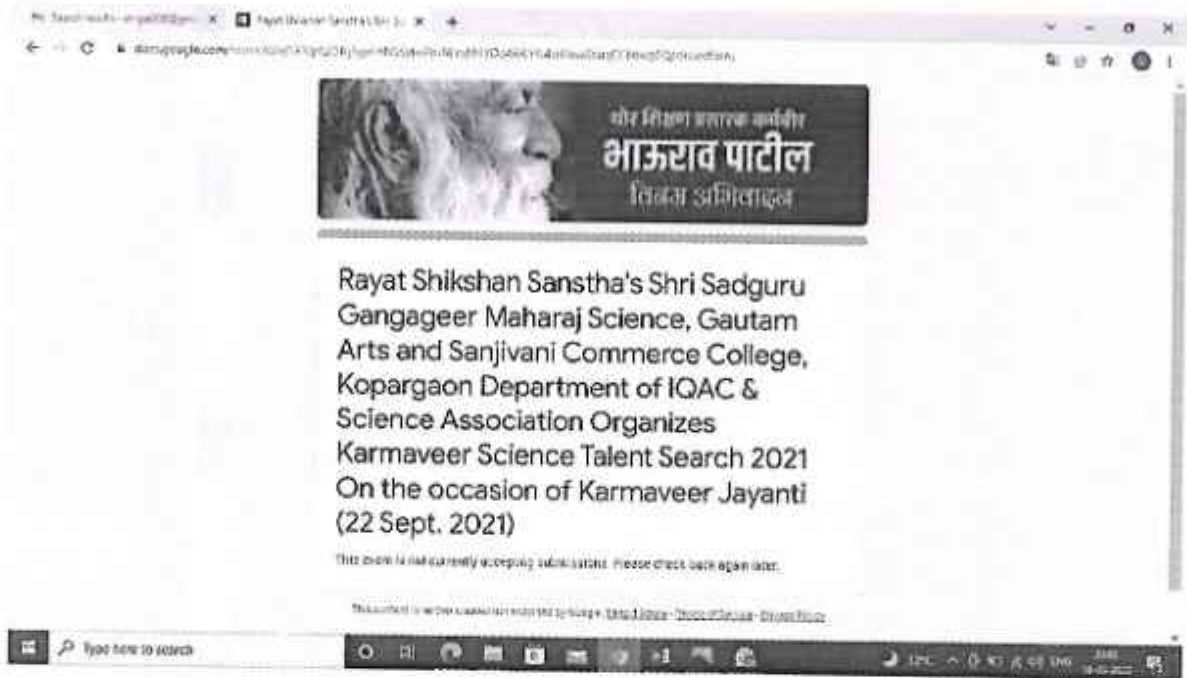
This is to certify that {{full name}} of {{Other identifier}} has actively participated in "quiz competition" organized by science association on the occasion of science day dated 28 February 2022.

Prof. D. N. Gaikwad  
Co-ordinator

Prof. A. K. Deshmukh  
Vice Principal

Dr. R. R. Sanap  
Principal

Principal  
S.S.G.M.College  
Kopargaon



## Karmaveer Talent Search

The first three students were **Nikhil Kailas Shinde**, **Rishikesh Sopan Dubey** and **Medhe Sandesh Pralhad** respectively

  
Principal  
S.S.G.M.College  
Kopargaon

**‘एसएसजीएम’मध्ये विज्ञान मंडळाचे उद्घाटन**  
कोपरगाव । कोपरगाव येथील सद्गुरु गंगागीर महाराज सायन्स, गौतम आर्ट्स अँड संजीवनी कॉमर्स कॉलेजमध्ये विज्ञान मंडळाचे उद्घाटन बॉटनिकल सर्व्हे ऑफ इंडिया, पुणे येथील प्रसिद्ध बॉटनिस्ट डॉ. सी. आर. जाधव यांचे शुभ हस्ते संपन्न झाले. याप्रसंगी त्यांनी बॉटनिकल सर्व्हे ऑफ इंडिया ह्या संस्थेची कार्यपद्धती व विविध वनस्पतींची बॉटनिकल नावे व त्यांची औषधीय उपयुक्तता याबद्दल सविस्तर माहिती उपस्थितांना सांगितली. तसेच स्थानिक प्रजातीय वनस्पती व त्यांची पर्यावरणीय वैशिष्ट्य स्पष्ट करित विज्ञान मंडळाच्या वर्षभरातील कार्यक्रमांना त्यांनी शुभेच्छा दिल्या. कार्यक्रमाच्या अध्यक्षस्थानी महाविद्यालयाचे प्राचार्य डॉ. आर. आर. सानप होते. महाविद्यालयाचे विज्ञान विभागाचे उपप्राचार्य प्रा. अरुण देशमुख, कला विभागाचे उपप्राचार्य डॉ. सुभाष रणधीर, वाणिज्य विभागाचे उपप्राचार्य डॉ. विजय निकम ज्यु. विभागाचे उपप्राचार्य प्रा. रामभाऊ गमे आदिसह सर्व शिक्षक, शिक्षकेतर सेवक व विद्यार्थी बहुसंख्येने उपस्थित होते. अध्यक्षीय विचार व्यक्त करताना त्यांनी वनस्पतींना मूळ रूपात कसे जतन करून ठेवतात याबद्दल विवेचन केले.







Rayat Shikshan Sanstha's  
**SHRI SADGURU GANGAGEER MAHARAJ SCIENCE, GAUTAM ARTS &  
SANJIVANI COMMERCE COLLEGE, KOPARGAON**  
**Report 2020-21**

The inauguration of the Science Association in the S. S. G. M. College was held on March 06, 2021. It was inaugurated by Bhutnar Arun, Manager, Cipla. This program presided by Prin. Dr. S. R. Thopate Thopte. While giving the first lecture of the Science Association, Dr. Bhutnar Arun said that the society should show the mindset of accepting scientific approach. Principal Dr. S. R. Thopate gave depth guidance to the students how to enhance their research attitude by giving various examples from daily life. One Quiz Competition was held on 28/02/2021 on the occasion of Science Day. In general, 213 students participated in the quiz. The committee conducted various science related programs throughout the year to create awareness among the students about science.

  
Principal  
S.S.G.M.College  
Kopergaon

## Science Association 2020-21



Date: - 06/03/2021

Programme video Link:-

[https://drive.google.com/file/d/1BC0QV1AJRLwwPKFbd\\_ucAzPkGmEOPIAb/view?usp=drivesdk](https://drive.google.com/file/d/1BC0QV1AJRLwwPKFbd_ucAzPkGmEOPIAb/view?usp=drivesdk)

  
Principal  
S.S.G.M.College  
Kopergaon



Shri Sadguru Gangageer Maharaj Science, Gautam Art's and Sanjivani Commerce College,  
Kopargaon-423 601 Tal. Kopargaon, Dist. Ahmednagar

**INAUGURAL FUNCTION  
OF  
SCIENCE ASSOCIATION**

**Chief Guest**

**Dr. ARUN BHUTNAR**  
Manager, Cipla IPD  
Mumbai

**Presided By**

**Dr. S. R. THOPATE**  
Principal & BOS Member, Chemistry, SPPU

**Date: - 06/03/2021**

**Time 11:30 am**

**Committee**

**Mr. D. N. GAIKWAD**  
(Chairman, Science Association)

**Members**

**Dr. B. D. VARPE    Dr. D. H. SURYAWANSHI    Mr. V. R. JIVTODE**  
**Mr. M. C. KALE         Mr. S. K. DIVATE**

  
**Principal**  
**S.S.G.M. College**  
**Kopargaon**





Rayat Shikshan Sanstha's  
**Shri Sadguru Gangagir Maharaj College, Kopargaon**  
Affiliated to Savitribai Phule Pune University, Pune  
NAAC Accredited 'B++' Grade



**Online**

**Inaugural Function of Science Association**

**Saturday, February 06, 2021, Time - 11:30 am**

### Table Programme

⌘	Introduction and Welcome	Mr. D. N. GAIKWAD
⌘	Chief Guest Address	Mr. ARUN BHUTNAR
⌘	President Address	Prin., Dr. S. R. THOPATE
⌘	Vote of Thanks	Mr. V. R. JIVTODE

### Members

Dr. B. D. VARPE    Dr. D. M. SURYAWANSHI    Mr. V. R. JIVTODE  
Mr. M. C. KALE

  
**Principal**  
**S.S.G.M.College**  
**Kopargaon**

# Science Association

## Open Online National Science Day-2021 Quiz Competition

Dear All,  
Greetings on the National Science Day (28th Feb.)

RAYAT SHIKSHAN SANSTHA'S SHRI SADGURU GANGAGIR MAHARAJ  
COLLEGE, KOPARGAON On the occasion of science day 28/02/2021 organizing Open  
Online Science Quiz Competition on 2<sup>nd</sup> March 2021.

### How to Participate?

Everyone can participate in Open Online Science Quiz Competition with the following link;  
the link will open for 2<sup>nd</sup> March 2021.

<https://forms.gle/xy3fuP8WSmGmofXc8>

### Award

Participant who scored minimum 40 % in Online Science Quiz Competition will be issued a  
Participation E-Certificate on their registered mail ID immediately.

\*We look forward to your impulsive participation\*

### Mr. D. N. Gaikwad

\*Chairman\*

Science Association. S. S. G. M. College, Kopargaon.

### Prof. A. K. Deshmukh

\*Vice Principal\*

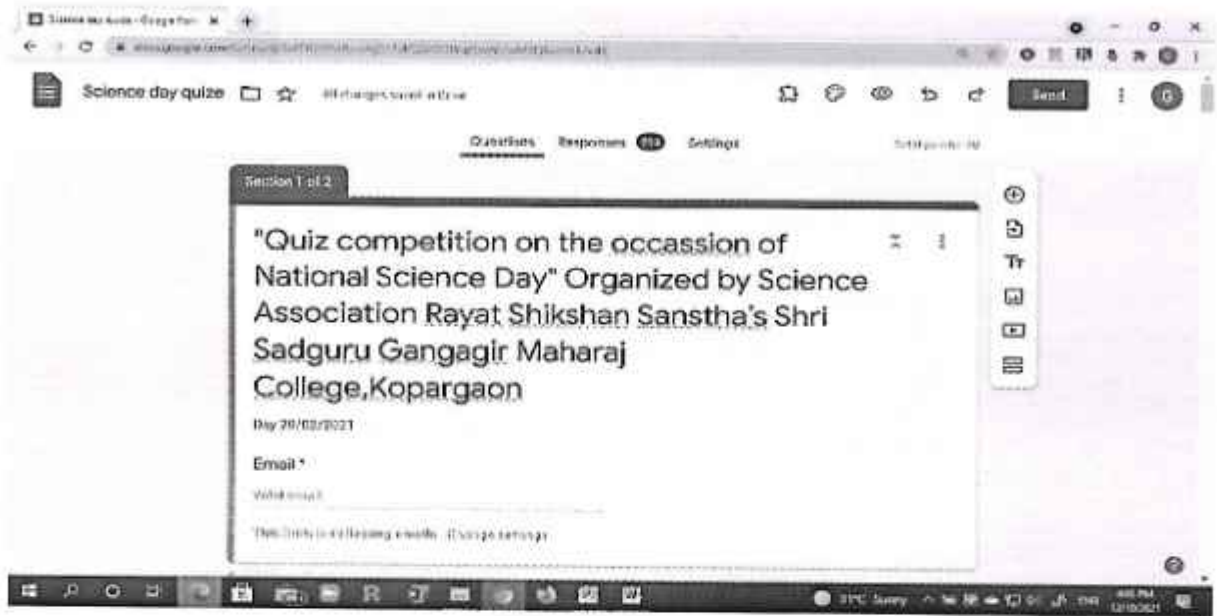
S. S. G. M. College Kopargaon

### Dr. S. R. Thopate

\*Principal\*

S. S. G. M. College Kopargaon

  
Principal  
S.S.G.M.College  
Kopargaon



  
**Principal**  
**S.S.G.M. College**  
**Kopargaon**



## Science Association Quiz Students Responses 28/02/2021

Sr.No.	Name	College Name	Class	Marks
1	Harshada Mahadev Mule	S.S.G.M College Kopargaon	T. Y. B. SC.	30
2	Gaikwad Akshay Vikram	Ssgm.clg koprgaon	T. Y. B. SC.	30
3	Purushottam Popatrao Tayde	Ssgm college Koprgaon	M. SC. I	30
4	JAGDALE JAYDEV GOPALKRISHNA	SSGM COLLAGE KOPARGAON	S. Y. B. SC.	30
5	Thorat Samruddhi Ravindra	S.S.G.M College Kopargaon	S. Y. B. SC.	30
6	More Pranav Ravindra	S.S.G.M. COLLAGE KOPARGAON	T. Y. B. SC.	30
7	Salve Tushar Sanjay	S.S.G.M.College	T. Y. B. SC.	30
8	Rahane Shital Ramesh	SSGM College, Kopargaon	M. SC. I	30
9	Dhawade Vaishnavi Mahesh	Ssgm college kopergaon	T. Y. B. SC.	30
10	Mali rushikesh navnath	S. S. G. M	S. Y. B. SC.	30
11	Nikita punjaram sangale	S.S.G.M.collage kopargaon	M. SC. II	30
12	Ukirde Sonali Badrinath	S s g m college kopargaon	S. Y. B. SC.	30
13	Aher Monali Bhausaheb	S.S.G.M.college kopargaon	S. Y. B. SC.	30
14	Pawar harshali	Ssgm college Kopargaon	F. Y. B. SC.	29
15	Chavhan kaveri chindhu	Ssgm college kopargaon	F. Y. B. SC.	29
16	Gavali Yogesh Aappasaheb	S.S.G.M.College	S. Y. B. SC.	29
17	Gavade Srushti Jalindar	SSGM College Kopargaon	S. Y. B. SC.	29
18	Manchare Nilesh Ramdas	Ssgm college kopergaon	M. SC. I	29
19	Jejurkar Rushikesh Sanjay	SSGM College Kopargaon	M. SC. I	29
20	Mate Hrushikesh Kailas	SSGM College, Kopargao	F. Y. B. SC.	29
21	Nagare Amol Haridas	S.S.G.M. college, Kopargaon	M. SC. II	29
22	Kalaskar Akanksha vijay	SSGM College Kopargaon	S. Y. B. SC.	29
23	Sailee prakash kadam	Ssgm college kopargoan	M. SC. I	29
24	Mali ajay sanjay	S.s.g.m college kopargaon	S. Y. B. SC.	29
25	Paithankar tushar dattu	Ssgm collage Kopargaon	S. Y. B. SC.	29
26	Shirsath vaibhav sopan	Ssgm college koprgaon	S. Y. B. SC.	29
27	Zade Nikita Pradip	SSGM COLLAGE	T. Y. B. SC.	29
28	Sanap Priyanka	SSGM	M. SC. II	29
29	Nagare Priyanka Babasaheb	Ssgm college kopergaon	T. Y. B. SC.	29
30	Salave Rupali Prakash	Ssgm college Kopergaon	S. Y. B. SC.	29
31	Thopate Manali Shankar	SSGM COLLEGE KOPARGAON	T. Y. B. SC.	29
32	Ashwisha Sunil Tiwari	SSGM college	F. Y. B. SC.	29
33	Zade Nikita Pradip	SSGM COLLAGE	T. Y. B. SC.	29
34	Kamlesh Babasaheb Gaikwad	SSGM College Kopargaon	T. Y. B. SC.	28
35	Jejurkar sanjana sunil	S.S.G.M college kopargaon	F. Y. B. SC.	28
36	Deokar shubhangi Rajendra	PVP college, Loni	M. SC. I	28
37	Gare Kunal Sukdev	SSGM college kopargaon	T. Y. B. SC.	28
38	Khamkar Pranjal Radhakrushan	Ssgm college Kopargaon	S. Y. B. SC.	28
39	Aniket Nitin Borawake	SSGM COLLEGE KOPARGAON	T. Y. B. SC.	28
40	Tambe Nilesh Punjaba	SSGM college kopargaon	S. Y. B. SC.	28
41	Shelke Rutuja Sandip	S.S.G.M kopargaon	F. Y. B. SC.	28
42	Sanvatsarkar sneha kailas	S.S.G.MCollege kopargoan	M. SC. II	28



43	Mohan bhagwan are	S.s.g.m kopargaon	F. Y. B. SC.	28
44	Kapse snehal Sopan	Ssgm clg Kopargaon	S. Y. B. SC.	28
45	Navle gayatri arun	SSGM, college kopergaon	M. SC. II	28
46	Madhavai Artee Dattatray	S.S.G.M.collage kopergaon	M. SC. I	28
47	Shinde Aishwarya Dilip	SSGM College Kopargaon	S. Y. B. SC.	28
48	Asane bhavna vijay	SSSGM college Kopargaon	S. Y. B. SC.	28
49	Vaibhav hoge	Ssgm college Kopargaon	S. Y. B. SC.	28
50	Jadhav Shubham Raghunath	S.s.g.m college	S. Y. B. SC.	28
51	Najgad shubham ravindra	S .s.g.m	S. Y. B. SC.	28
52	Rohini Vijay Dibare	Ssgm college kopargaon	M. SC. II	28
53	Deshmukh pranali raju	Ssgm college Kopargaon	S. Y. B. SC.	28
54	Kundhare Vishal Suresh	S.S.G.M.College	T. Y. B. SC.	28
55	Hrushikesh Sopan Dube	S.S.G.M College;Kopargaon	S. Y. B. SC.	28
56	Aher vaishnavi sitaram	S.S.G.M college	S. Y. B. SC.	28
57	Manali Shankar Thopate	SSGM COLLEGE KOPARGAON	T. Y. B. SC.	28
58	kadam Kirti Vishnu	ssgm	S. Y. B. SC.	28
59	Mapari Shubhangi Subhash	S.S.G.M.College Kopargaon	S. Y. B. SC.	28
60	Abhinav mapari	Ssgm College Kopargaon	S. Y. B. SC.	28
61	Arpita Trijog Tiwari	SSGM college	F. Y. B. SC.	28
62	Londhe siddhartha minnath	Ssgm college kopargaon	F. Y. B. SC.	27
63	Khule aniket bhagavanta	Ssgm college kopargaon	T. Y. B. SC.	27
64	Gagare Gaurav santosh	Ssgm college kopergaon	F. Y. B. SC.	27
65	Aher vaishnavi Bhaskar	SSGM college kopargaon	S. Y. B. SC.	27
66	Rasal pratiksha Dnyaneshwar	s.s.g.m.college kopargaon	S. Y. B. SC.	27
67	Chinchpure Abhishek Maruti	S S G M College Kopergaon	T. Y. B. SC.	27
68	Yogeshwari Rajendra Dhage	S.S.G.M. College Kopargaon	M. SC. I	27
69	Shital Vilas kadam	Ssgm college kopergaon	M. SC. I	27
70	Jore Sagar Babasaheb	Ssgm college	M. SC. I	27
71	Rushikesh sampat khillare	SSGM college kopargaon	M. SC. I	27
72	Gite Bharat Narayan	S.s.g.m college Kopargaon	T. Y. B. SC.	27
73	Jadhav Rushikesh Gorksh	S.S.G.M.COLLEGE KOPARGAON	M. SC. I	27
74	Dhokrat Mohini Dattatray	Ssgm college kopargaon	T. Y. B. SC.	27
75	Sanvatsarkar Mayuri trimbak	Ssgm	T. Y. B. SC.	27
76	Wavare shraddha laxman	Ssgm collage	T. Y. B. SC.	27
77	Priyanka madhukar shinde	S. S. G. M	M. SC. II	27
78	shinde sukanya babasaheb	SSGM	M. SC. II	27
79	Jagdale Ajay Popat	Ssgm college kopargaon	S. Y. B. SC.	27
80	Deokar vaibhav balsahab	S.s.g.m.college kooargaon	S. Y. B. SC.	27
81	Bawake Abhishek Vinayak	SSGM COLLEGE kopergaon	T. Y. B. SC.	27
82	Shinde Sahil Jalindar	Kolhar College, Kolhar	M. SC. II	27
83	Miss. Turakane prajakta sandip	S.S.G.M college kopargoan	T. Y. B. SC.	27
84	Shubhangi Arjun Dighe	SSGM college	M. SC. I	26
85	Pawar Sudarshan Karnasaheb	SSGM college kopargaon	T. Y. B. SC.	26
86	Aher Vaishnavi Haribhau	S S G M College Kopargoan	F. Y. B. SC.	26



87	Vaishnavi waykhinde	Ssgm college kopargaon	M. SC. I	26
88	Jadhav varun vasant	Ssgm college kopergaon	S. Y. B. SC.	26
89	Gadhe pooja Vishwanath	S. S .G.M college kopergaon	M. SC. II	26
90	Dongare Ruchita Suresh	S.S.G.M.College, Kopargaon	S. Y. B. SC.	26
91	Gavande Gayatri Madhukar	Ssgm college kopergoan	S. Y. B. SC.	26
92	Bhagwat ganesh sunil	S.s.g.m.college kopergaon	M. SC. I	26
93	Wavare Pooja Devendra	Ssgm college	T. Y. B. SC.	26
94	Pangavhane Abhishek Rajesh	S.S.G.M college,kopergaon	S. Y. B. SC.	26
95	More Sanket Changdev	S.S.G.M. College Kopargaon	S. Y. B. SC.	26
96	Dabhade Sonali Narayan	S.S.G.M. College Kopargaon	T. Y. B. SC.	26
97	Gaikwad pranali bhagwan	Ssgm college kopergaon	M. SC. II	26
98	Deokar Rohit D.	SSGM College Kopergaon	T. Y. B. SC.	26
99	Omkar dattatray agwan	SSGM college kopargaon	M. SC. I	25
100	Shaikh Muskan Parvez	Ssgm	M. SC. I	25
101	Patil Mayuri Ananda	SSGM Collage, Kopargaon	M. SC. I	25
102	Ajinkya Bhausahab jagdale	S.S.G.M.COLLEGE KOPARGON	F. Y. B. SC.	25
103	Ghorpade shraddha bhara	Ssgm college kopargaon	F. Y. B. SC.	25
104	Gawade tanvi dattatray	S.s.g.m.college	F. Y. B. SC.	25
105	Pawar Janvhi Yogesh	SSGM college Kopargaon	T. Y. B. SC.	25
106	Bhusnale vaishnavi Someshwar	SSGM College Kopargaon	F. Y. B. SC.	25
107	Mohini Rajendra Bhalerao	Ssgm. College kopargaon	M. SC. I	25
108	Korde shivani girish	Ssgm college kopargoan	S. Y. B. SC.	25
109	Shirse Swapnali Bhimraj	SSGM College Kopergaon	T. Y. B. SC.	25
110	Sonawane Digambar Uttam.	S.S.G.M college kopargaon	S. Y. B. SC.	25
111	Nilesh jadhav	Ssgm college Kopargaon	M. SC. II	25
112	Vrushali Rajendra Hujare	Ssgm	M. SC. I	24
113	Krishna pawar	Ssgm college	F. Y. B. SC.	24
114	Sonawane Snehal Rajendra	S.s.g.m college, kopargaon	S. Y. B. SC.	24
115	Zadge tejal babaji	S. S. G. M college	S. Y. B. SC.	24
116	Barshile Seema Maruti	S.S.G.M college, kopargaon	M. SC. II	24
117	Somase kalyani valmik	Ssgm college kopargaon	S. Y. B. SC.	24
118	Ghanghav nikita rajendra	s.s.g.m college kopargaon	S. Y. B. SC.	24
119	Kharate Ashitosh govind	Ssgm kopergaon	S. Y. B. SC.	24
120	Attar Junaid Arif	S S G M	S. Y. B. SC.	24
121	Vaidya Monika Vishnu	S. S. G. M. College kopargaon	S. Y. B. SC.	24
122	Jadhav Renuka kailas	S.s.g.m.collage kopargaon	S. Y. B. SC.	24
123	Aher Sakshi Balasaheb	Ssgm clg kopargav	M. SC. I	23
124	Atul Dnyaneshwar Mandalkar	SSGM	T. Y. B. SC.	23
125	Shelar Pornima Ashok	S.S.G.M College	S. Y. B. SC.	23
126	SONAWANE YOGESH M.	S.S.G.M.COLLEGE, KOPARGAON	M. SC. I	23
127	Kahar Manoj Bhausahab	SSGM COLLEGE	M. SC. I	23
128	bhokare akshay ashok	s.s.g.m. college kopargaon	M. SC. I	23
129	Jayashri Bapusaheb Damale	S. S. G. M. College, Kopargaon	T. Y. B. SC.	23
130	Pranjali Narode	Ssgm college Kopargaon	M. SC. I	23



131	Shinde payal sukdev	S.s.g.m.college	T. Y. B. SC.	23
132	Aher Nisha Rajesh	SSGM college kopargaon	S. Y. B. SC.	23
133	Abhishek Rajendra Salunke	Ssgm college kopargaon	T. Y. B. SC.	23
134	Padekar Rahul Balasaheb	Ssgm,college	T. Y. B. SC.	22
135	Gaikwad Bhavana Sanjay	S.S.G.M.College, Kopargaon.	M. SC. II	22
136	Jadhav Pallavi Ramesh	SSGM college kopargaon	T. Y. B. SC.	22
137	Suralkar Hemangi Atul	SSGM college kopargaon	S. Y. B. SC.	22
138	Jagtap jayesh machhindra	S.S.G.M	F. Y. B. SC.	22
139	Jadhav shital Eknath	Ssgm collage kopargaon	F. Y. B. SC.	22
140	ANIL MOHAN DAWANGE	S.s.g.m.college kopargaon	T. Y. B. SC.	22
141	Pandit Asha Ramnath	s.s.g.m college ,kopargaon	M. SC. II	22
142	Shendage komal annasaheb	S.S.G.M. college	S. Y. B. SC.	22
143	Ambadkar jayshri Balasaheb	SSGM college koprgaon	S. Y. B. SC.	22
144	Handore Pravin Ganpat	SSGM college Kopargaon	M. SC. I	22
145	Pawar Gokul Janardan	Ssgm college kopargaon	S. Y. B. SC.	22
146	Vaishali Prakash abhale	S.S.G.M college kopergav	M. SC. I	21
147	Jaypatre Vanita Narayan	SSGM College Kopergaon	T. Y. B. SC.	21
148	Utkarsha ramesh bhavar	Ssgm college	T. Y. B. SC.	21
149	Laxman Gorakhanath kandalkar	Ssgm college kopergaon	F. Y. B. SC.	21
150	Kolhe Pravin annasaheb	Ssgm college Kopargaon	T. Y. B. SC.	21
151	Shejwal Ashwini valmik	Ssgm college kopergoan	S. Y. B. SC.	21
152	Kurhe purva sandip	Ssgm college	S. Y. B. SC.	21
153	Gaikwad Vishal Arjun	S.S.G.M college Kopargaon	S. Y. B. SC.	21
154	Mahale Vaishnavi Babasaheb	SSGM College Kopargaon	M. SC. I	21
155	Manisha Raosaheb Autte	Ssgm college	M. SC. I	21
156	Darshan Narode	S S S G M	UG	21
157	Wagh Varsha Babasaheb	S.S.G.M college kopargaon	T. Y. B. SC.	20
158	Ekta raut	SSGM college kop	T. Y. B. SC.	20
159	Dhanshree Manoj Jadhav	Ssgm college kopergoan	S. Y. B. SC.	20
160	Thombare Aishwarya Ravindra	Ssgm college kopergaon	M. SC. I	20
161	Bairagi Krushnaji Bharatdas	Ssgm clg kopergaon	T. Y. B. SC.	20
162	Siddhant Santosh Jagtap	SSGM college, kopargaon	S. Y. B. SC.	20
163	Chaudhari Pratap Rausaheb	S.S.G.M.college kopargaon	T. Y. B. SC.	19
164	Gursal roshni sopan	Ssgm college kopergoan	T. Y. B. SC.	19
165	Shirsath rahul balasaheb	Ssgm collage kopargaon	T. Y. B. SC.	19
166	Jadhav Priyanka Shankar	S S G M college kopargaon	S. Y. B. SC.	19
167	Bachhav chetana mansaram	S.S.G.M.collage, Kopargaon	S. Y. B. SC.	19
168	LAXMAN VIJAY SHEVALE	Ssgm clg kopargaon	T. Y. B. SC.	19
169	Pawar Vaibhav Nagu	SSGM College Kopargaon	S. Y. B. SC.	19
170	Aniket prakash Davange	SSGM College kopargaon	M. SC. I	18
171	Gavhale vaibhav subhash	Ssgm college kopergaon	S. Y. B. SC.	18
172	Zaid kureshi	S.S.G.M COLLAGE KOPARGAON	S. Y. B. SC.	18
173	Chine priyanka bhaurao	S.S.G.M. college, Kopargaon	T. Y. B. SC.	18
174	Kasar Karan Vilas	Ssgm college kopargaon	F. Y. B. SC.	17

175	Gawali Gaurav Dattatraya	Ssgm clg kopargaon	M. SC. I	17
176	Rushikesh Annasaheb Nehe	Ssgm	F. Y. B. SC.	17
177	Katale gauri Ajay	S.s.g.m.college kopargaon	S. Y. B. SC.	17
178	Jagadish Ashok Jagtap	S.s.g.m college Kopargaon	S. Y. B. SC.	17
179	Kotame paresh sunil	Ssgm college kopergaon	S. Y. B. SC.	17
180	Pathan payal ayub	Ssgm college kopargoan	S. Y. B. SC.	17
181	Pradip rajendra patil	Ssgm college kopergaon	F. Y. B. SC.	16
182	Wakte Kuldeep Kiran	Ssgm.college kopergaon	M. SC. I	16
183	Pandore Priti Bhaiyyasaheb	Ssgm collage kopargaon	S. Y. B. SC.	16
184	Avhad Ankita Vishnu	S.s.g.m college kopergaon	T. Y. B. SC.	15
185	Kharke mayuri gorakh	S. S. G. M	S. Y. B. SC.	15
186	Pachore Rutuja sampat	SSGM college kopargaon	S. Y. B. SC.	15
187	Mayuri karbhari fartale	Ssgm	S. Y. B. SC.	15
188	Gaware prajesh vijay	Ssgm collage kopargoan	S. Y. B. SC.	15
189	Sujata annasaheb chaudhari	Ssgm college kopargaon	M. SC. II	15
190	Bagal Alshwarya Yogesh	SSGM college kopargaon	S. Y. B. SC.	14
191	Thombare ashwini pramod	S. S. G. M college kopargaon	S. Y. B. SC.	14
192	Gujar Nilakshi Janardhan	S S G M College kopergaon	T. Y. B. SC.	13
193	Shelke vaishnavi dnyaneshwar	Ssgm clg	S. Y. B. SC.	13
194	Rahane Payal Vitthal	s.s.g.m.college	T. Y. B. SC.	24
195	Dalvi aakash	Ssgm	F. Y. B. SC.	12
196	Chavan madhuri madhukar	S.S.G.M college Kopargaon	T. Y. B. SC.	12
197	Wagh Divya Kishor	SSGM college kopargon	S. Y. B. SC.	12
198	Rokade jayashri ganpat	Ssgm	S. Y. B. SC.	12
199	Chavan ganesh chandrakant	S.s.g.m college kopergaon	T. Y. B. SC.	12
200	Kakade kunal babasaheb	Ssgm college Kopargaon	F. Y. B. SC.	11
201	Khandizod Pratik Shankar	Ssgm	F. Y. B. SC.	10
202	Lamkhade Swapnil Balasaheb	S.s.g.m college Kopargaon	T. Y. B. SC.	10
203	Cholke Charushila Valmik	S.S.G.M College, Kopargaon	S. Y. B. SC.	10
204	Pratik Ganpat Darekar	s.s.g.m.college	F. Y. B. SC.	9
205	SHINDE SAMIKSHA VITTHAL.	S.S.G.M college Kopargaon	S. Y. B. SC.	9
206	Vahadane nutan sanjay	S s g m college	T. Y. B. SC.	9
207	Dhananjay dilip garud	Ssgm	S. Y. B. SC.	9
208	Somase mayur ramesh	Ssgm college kopargoan.	S. Y. B. SC.	9
209	Gavhane kalyani dattatray	Ssgm collage kopargaon	F. Y. B. SC.	8
210	Deokar shivanjli ganpta	S.s.G.M College kopargon	UG	8
211	Roshan vishnu khule	SSGM college kopragon	F. Y. B. SC.	5
212	Satote Aarti Raghunath	S.S.G.M Collage Koparagaon	S. Y. B. SC.	5
213	Kale akash vitthal	S sgm college	S. Y. B. SC.	5



**Top 3 Students**

<b>Sr.No.</b>	<b>Name</b>	<b>College Name</b>	<b>Class</b>	<b>Marks</b>
1	Harshada Mahadev Mule	S.S.G.M College Kopargaon	T. Y. B. SC.	30
2	Gaikwad Akshay Vikram	Ssgm.clg koprgaon	T. Y. B. SC.	30
3	Purushottam Popatrao Tayde	Ssgm college Koprgaon	M. SC. I	30

  
**Principal**  
**S.S.G.M.College**  
**Kopargaon**