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DEPARTMENT OF CHEMISTRY
The Bhusawal People's Charitable Sanstha's
DADASAHEB DEVIDAS NAMDEO BHOLE COLLEGE, BHUSAWAL

NAAC ACCREDITED "B+" GRADE



Entitled

"HETEROCYCLIC COMPOUND AS THE FORTUNATE SCAFFOLDS IN ANTIMALARIAL
DRUG DISCOVERY"

SUBMITTED TO
KAVAYITRIBAHINABA CHAUDHARI
NORTH MAHARASHTRA UNIVERSITY, JALGAON

SUBMITTED BY

Mr. AJAY S. BODADE

UNDER THE GUIDANCE OF

Prof. Dr. G. P. Waghulade

DADASAHEB DEVIDAS NAMDEO BHOLE COLLEGE, BHUSAWAL

2021-2022

DEPARTMENT OF CHEMISTRY
The Bhusawal People's Charitable Sanstha's
NAAC Accredited B+ Grade
DADASAHEB DEVIDAS NAMDEO BHOLE COLLEGE, BHUSAWAL, DIST JALGAON (2021-2022)



CERTIFICATE

This is certifying that project on Entitled
"Extraction And Chemical Study of Orange and Apple Fruit Extract"

Has been submitted by,

Mr. Girish. N. Chaudhari.

Mr. Nilesh. D. Sutar

Mr. Rohit. G. Desale


Miss. Kalyani. R. Tayade

In the partial fulfillment and requirement for the award of the degree

MASTER OF SCIENCE (Organic Chemistry) under the

Kavayitri Bahinabai Chaudhari North Maharashtra University, carried out under

Our Supervision and guidance.


Prof. Dr. G.P. Waghulade


Project Guide

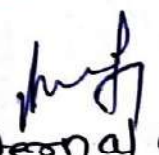

Prof. Dr. G.P. Waghulade

Head of Department Chemistry

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Dadasaheb Devidas Namdeo Bhole College Bhusawal 2021-2022


external examiner


internal examine

DEPARTMENT OF CHEMISTRY
The Bhusawal People's Charitable Sanstha's
DADASAHEB DEVIDAS NAMDEO BHOLE COLLEGE, BHUSAWAL

NAAC ACCREDITED "B+" GRADE



CERTIFICATE

This is certifying that project on Entitled

"HETEROCYCLIC COMPOUND AS THE FORTUNATE SCAFFOLDS IN ANTIMALARIAL DRUG
DISCOVERY"

Has been submitted by,


Mr. AJAY S. BODADE


In the partial fulfillment and requirement for the award of the degree of
MASTER OF SCIENCE (Organic Chemistry) under the
Kavayitri Bahinabai Chaudhari

North Maharashtra University, Jalgaon is carried out under our
supervision and guidance


Prof. Dr. G. P. WAGHULADE

Project Guide


INTERNAL EXAMINAR


Prof. Dr. G. P. WAGHULADE

Head of Department Chemistry


EXTERNAL EXAMINAR

DEPARTMENT OF CHEMISTRY

THE BHUSAWAL PEOPLE'S CHARITABLE SANSTHA'S

DADASAHEB DEVIDAS NAMDEO BHOLE COLLEGE, BHUSAWAL



CERTIFICATE

This is certifying that project on Entitled

"SYNTHESIS OF AZO DYES FROM PHENOLIC COMPOUND"

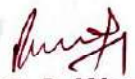
Has been submitted by,


**Mr. Sagar Madhukar Patil
Mr. Sachin Arun Patil
Mr. Pawan Gokul Patil
Mr. Durgeshsing Ganeshsingh Thakur**

In the partial fulfillment and requirement for the award of the degree


MASTER OF SCIENCE (Organic Chemistry) under the

**Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
is carried out under our supervision and guidance.**


Prof. Dr. G. P. Waghulade
Project Guide


Prof. Dr. G. P. Waghulade
Head of Chemistry Department


External Examiner


Internal Examiner

DEPARTMENT OF CHEMISTRY

**THE BHUSAWAL PEOPLE'S CHARITABLE SANSTHA'S
DADASAHEB DEVIDAS NAMDEO BHOLE COLLEGE, BHUSAWAL**



CERTIFICATE

This is certifying that project on Entitled
"SYNTHESIS OF POLYANILINE AND CONDUCTING
POLYMER

Has been submitted by,
MS.Prachi vilas gupta

In the partial fulfillment and requirement for the award of the degree
MASTER OF SCIENCE (Organic Chemistry) under the
Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
is carried out under our supervision and guidance.

Prof. Dr. G. P. Waghulade
Project Guide

Prof. Dr. G. P. Waghulade
Head of Chemistry Department

External Examiner
13.6.23
Internal Examiner

Certificate

This is to Certify that

Kum/Smt. Wasade Babibha Sudhakar

of Fy Division B.A and Roll No. 129

has satisfactorily completed _____ practicals

in the Subject Environment study as laid down by

the North Maharashtra University Jalgaon for the

academic Year 2018-19

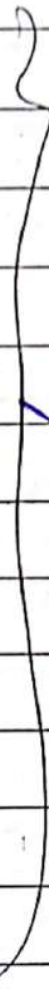


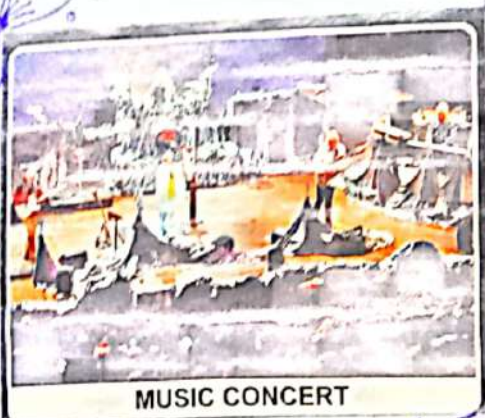
Subject Teacher



H.O.D./Principal

INDEX

No.	TITLE	Date	Remarks & Sign. of the Teacher
1)	મનોગન		
2)	પરતાવના		
3)	ઉદાહરણ		
4)	પર્યાવરણ વ		
	પ્રદૂષણ		
5)	હવા પ્રદૂષણ		
6)	જળ પ્રદૂષણ		
7)	મૃદા પ્રદૂષણ		
8)	ધ્વનિ પ્રદૂષણ		



MUSIC CONCERT



ROAD DIGGING & BUILDING CONSTRUCTION

* पर्यावरण व प्रदूषण *

★ पर्यावरण म्हणजे काय ?
 आपल्या सभोवतालची नैसर्गिक परिस्थिती व सांस्कृतिक परिस्थिती म्हणजे 'पर्यावरण' होय. निसर्गाने निर्माण केलेल्या घटकामध्ये हवा, पाणी, जमीन, वनस्पती, पिके, सूर्यप्रकाश, ठिळता, तापमान, सर्व प्रकारचे सजीव व प्राणी पक्षी, कीटक इत्यादी समाविष्ट होतो. हे पर्यावरणाने निसर्गनिर्मित घरक आहे. शिव सजीवांमध्ये वृद्धमान सर्व जीव म्हणून 'मनुष्य' प्राण्याचा उल्लेख केला जातो. मानवाने वृद्धी - कोशाच्या वाढीवर विविध प्रकारचा शोध लावला. मूळचे नैसर्गिक पर्यावरण पुनर्निर्माण रावांना जंगलप्राय पोषक आरोग्यदायी आनंददायी होणे शुद्ध हवा, पाणी, नैसर्गिक वनराईने नटलेली भूमी, आगशान व भूमीवर विविध प्रकारच्या जीवांचा एकत्र विचार घ्यामूळे पर्यावरण प्रसन्न होणे.

Certificate

This is to Certify that

Kum/Smt. Kachhave Roshni Jagdish

of FYBA Division BA and Roll No. 48

has satisfactorily completed _____ practicals

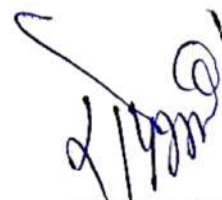
in the Subject Environmental Studies as laid down by

the North Maharashtra University Jalgaon for the

academic Year 2018-19



Subject Teacher



H.O.D./Principal

Certificate

This is to Certify that

Kum/Smt. Shelke Pooja Bhasat

of F4 Division BSC and Roll No. 72

has satisfactorily completed _____ practicals

in the Subject Environment Study as laid down by

the North Maharashtra University Jalgaon for the

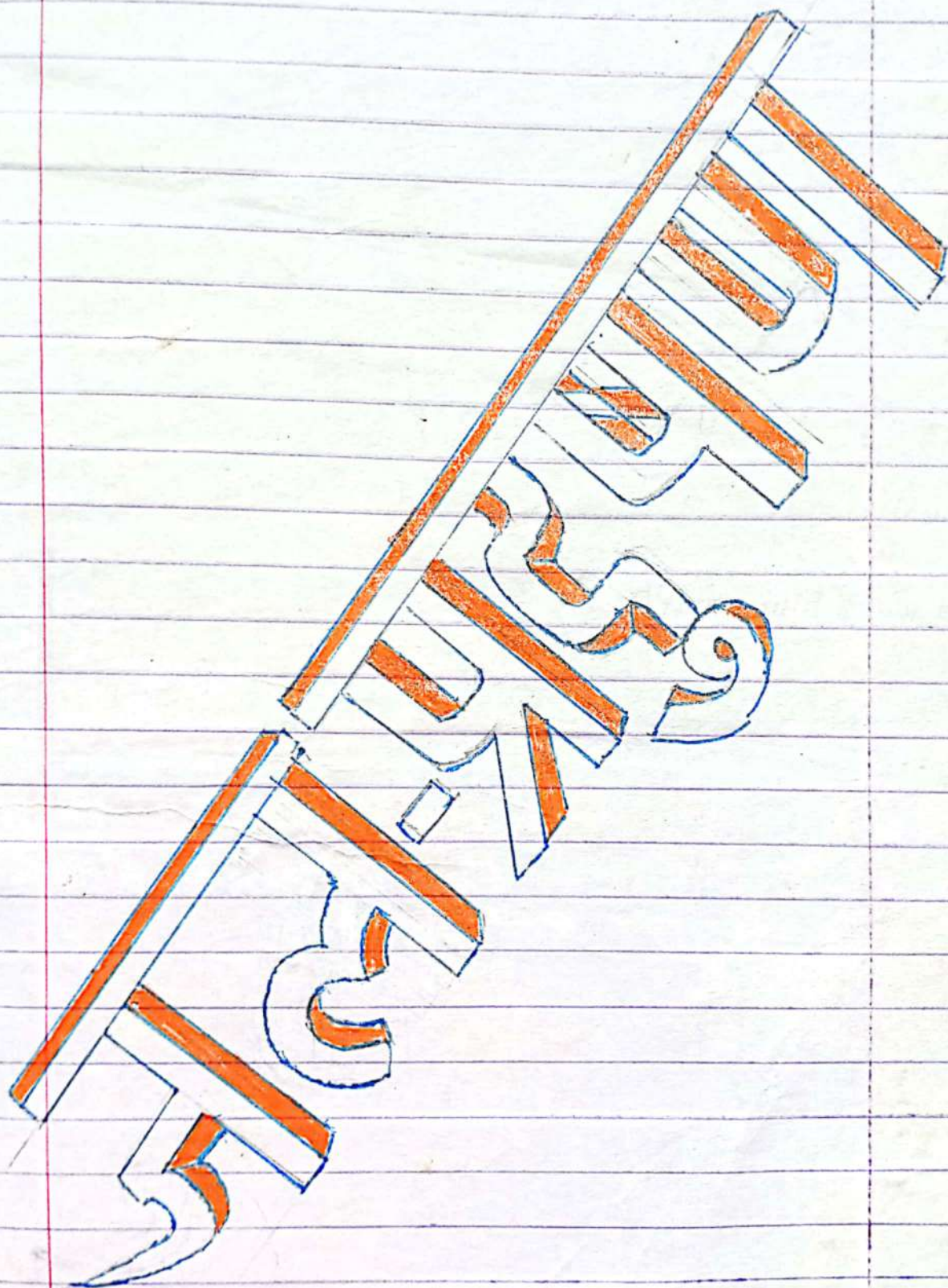
academic Year 2019-20



Subject Teacher

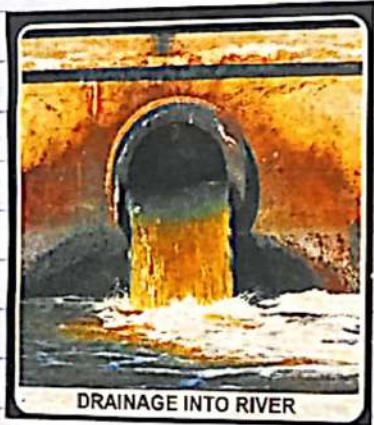


H.O.D./Principal





कचरात्यांतून येणाऱ्या दुषित पाण्यामुळे
जल प्रदूषण होते.



सांडपाणी व भेला नदीत सोडल्यामुळे
जलप्रदूषण होते.

∴ जल प्रदूषणाची कारणे :-

१) कारखानदारी :-

कारखान्यांतील दुषित पाणी नदीत
भाळून सोडल्याने पाण्याचे प्रदूषण होते.
त्यामुळे औद्योगिक कारणांचा वेग हे जल-
प्रदूषणाचे एक महत्वाचे कारण बनले आहे.
कारखान्यातून फेकले जाणारे विषारी पदार्थ
नदीत सोडल्यास नदीचे जलप्रदूषण होते.

२) सांडपाणी व भेला &

घरगुती वापरामुळे जल-प्रदूषण होते.
सांडपाणी व भेला पाणी तसेच कचरा हा
नद्यात सोडल्याने जलप्रदूषणाच्या उपद्रवाच्या
नागरी सांडपाण्याचा मिळणामुळेच मोठ्या
प्रमाणावर जल-प्रदूषण होते. भेला-पाणी व
सांडपाणी प्रत्यक्ष नदी किंवा गलावात सोडले
जाते त्यामुळे जल दुषित होते.

३) जंगलतोड &

जंगलतोडीमुळे जमिनीची थूप होऊन
भानी बरोबर सैदीय झेपे वाहून येतात.
व त्यामुळे पाणी प्रदूषित होते.

Certificate

This is to Certify that

Kum/Smt. Suree Tulsi Ravindar

of First Year Division B Com and Roll No. 28

has satisfactorily completed _____ practicals

in the Subject Environment study as laid down by

the North Maharashtra University Jalgaon for the

academic Year 2019-20


Subject Teacher


H.O.D./Principal

Certificate

This is to Certify that

Kum/Smt. Bhole Ajay Ashok

of First Year Division B Com and Roll No. 49

has satisfactorily completed _____ practicals

in the Subject Environmental Studies as laid down by

the North Maharashtra University Jalgaon for the

academic Year 2019-20


Subject Teacher


H.O.D./Principal

WATER POLLUTION



Certificate

This is to Certify that

Kum/Smt. Shaikh Sohel Yunus

of 1st Division BSC and Roll No. 07

has satisfactorily completed _____ practicals

in the Subject Environment study as laid down by

the North Maharashtra University Jalgaon for the

academic Year 2020-21



Subject Teacher



H.O.D./Principal

Certificate

This is to Certify that

Kum/Smt. Shriyas Yash Rajesh

of F.Y. Division BSC and Roll No. 38

has satisfactorily completed _____ practicals

in the Subject Environment study as laid down by

the North Maharashtra University Jalgaon for the

academic Year 2020-21



Subject Teacher



H.O.D./Principal

Certificate

This is to Certify that

Kum/Smt. Bendale Dhanshri Hemraj

of F.Y. Division B.Sc. (Computer) and Roll No. 01

has satisfactorily completed _____ practicals

in the Subject Environment study as laid down by

the North Maharashtra University Jalgaon for the

academic Year 2020-21



Subject Teacher



H.O.D./Principal

Certificate

This is to Certify that

Kum/Smt. Ramani Nihar Arvind

of First Year Division B Com and Roll No. 03

has satisfactorily completed _____ practicals

in the Subject Environment study as laid down by

the North Maharashtra University Jalgaon for the

academic Year 2021-22


Subject Teacher


H.O.D./Principal

Certificate

This is to Certify that

Kum/Smt. Waste Dhyaneshwari Rajendra

of F.A.ear Division B.Com and Roll No. 31

has satisfactorily completed _____ practicals

in the Subject Environment study as laid down by

the North Maharashtra University Jalgaon for the

academic Year 2021-22


Subject Teacher


H.O.D./Principal

Certificate

This is to Certify that

Kum/Smt. Keli Sachin Duryodhan

of F.Y. Division B.A. and Roll No. 106

has satisfactorily completed _____ practicals

in the Subject Environment study as laid down by

the North Maharashtra University Jalgaon for the

academic Year 2022-23



Subject Teacher



H.O.D./Principal



फाटवात - यातुन कायमत्ता वीदेपणा येने.
 गु शरीरक्रियेत विघाड गुं वनीचा परिणाम शरीरावर होतो.
 त रक्ताभिसरण, अभिचलित वससनक्रिया, उत्पन्नस्थेत विघाड होतो.
 गु स्त्रीपेच्या गोण्यांची स्वयंगुं दानि प्रकृणापरानु सुटका करून देणे, भवप्रधान करणे अशा स्वामी लावुन होतो. त्यापरानु आपसुन पडते.
 गु वाभार परिणाम गुं दानिप्रकृणाचा परिणाम वाभिवनी हिसें रित्याभर नाभार होऊन रमाची वाढ खुंदे.

Certificate

This is to Certify that

Kum/Smt. Jagtap Nayna Ganesh

of F.Y. Division B.A and Roll No. 68

has satisfactorily completed _____ practicals

in the Subject Environment study as laid down by

the North Maharashtra University Jalgaon for the

academic Year 2022-23



Subject Teacher



H.O.D./Principal



नंदयानचे प्रदूषण

राष्ट्रीय पर्यावरण अभियांत्रिकी संस्था जाहापुर येथील या संस्थेने कारनालीस सर्व प्रमुख नद्या अंतर्गत प्रदूषित आहे. असा अक्यारस पाहणीत नोंदवून प्रदूषित केला आहे. त्यात गंगा, यमुना, गोदावरी, नर्मदा, कृष्णा गारो याना सजावश आहे. या नदयांच्या प्रदूषणाकडे ६०% जास्त आजार होताना. व गंगाकडे ७ कोटी ३० लाख लोकांचे देवस बाधा होणे आहे. महाराष्ट्रात मुंबाकडे गोदावरी कृष्णा नंदयाने पाणी प्रदूषित झाले आहे. कारण या नंदयान्या काठवर अरपूर लोक वस्ती व कारखाने वसलेले आहे. त्यामुळे ७ टाकाज पदार्थ अपरा नंदयान टाकला जातो. नंदयाने पाणी यामुळे प्रदूषित होते लोकांस लोक अपडे होणे, कांडे दासणे, व इतर कामे नदी काडी करताना त्यामुळे नदीचे प्रदूषण वाढते. अपडे व कांडे द्यांना शाळाने पाणी नदीत जाते. व यामुळे नदीचे प्रदूषणाचे प्रमाण खूप वाढते. यामुळे, कापील, टाफफोर्ड, लव्या रोडा याना प्रादुर्भाव झाल्याने आढळते.