



DR. R. G. BHOYAR ARTS, COMMERCE & SCIENCE COLLEGE

NAGPUR-WARDHA ROAD, TH-SELOO DIST-WARDHA 442104 (FORMERLY VIDYABHARTI COLLEGE)

Affiliated To Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

NAAC Accredited with B+ Grade College Index: (Sr.-699) (Jr.07.08.006)

Contact: 07155299036 Website: vbcseloo.org Email: vidyabharti868@gmail.com

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

1.3.2.1. Number of students undertaking project work/field work / internships

Due to size of the documents that exceeds documents on NAAC portal. Therefore, the required documents are shared through affiliated University's website link below.

Programme/Curriculum/Syllabus of the Courses

No	Class Name	Syllabus Link	
1	M.Sc.(Physics)	https://www.nagpuruniversity.ac.in/links/Syllabus/Faculty_of_Science/	
'		015_CBCS_Syllabus_M.Sc.Physics.pdf	
2	M.sc. (Zoology)	https://www.nagpuruniversity.ac.in/links/Syllabus/Faculty_of_Science/	
		016_CBCS_Syllabus_M.Sc.Zoology.pdf	
	M.sc. (Botany)	https://www.nagpuruniversity.ac.in/links/Syllabus/Faculty_of_Science/	
3		Botany_CBCS_Syllabus_190719.pdf	

SELOO SELOO

PRINCIPAL
Dr. R. G. Bhoyar Arts, Comm.
& Science College, SELOO

Co-ordinator
Internal Quality Assurance Cell
Dr. R. G. Bhoyer Arts, Comm,
& Science College, SELOO





DR. R. G. BHOYAR ARTS, COMMERCE & SCIENCE COLLEGE

MOHANAPUR, TH-SELOO DIST-WARDHA 442104 (FORMERLY VIDYABHARTI COLLEGE) Affiliated To Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

NAAC Accredited with B+ Grade College Index: (Sr.-699) (Jr.07.08.006)

Contact: 07155299036

Website: vbcseloo.org

Email: vidyabharti868@gmail.com

1.3.3 Number of students undertaking project work/field work

P.G. Department of Zoology (2021-22)

Sr. No.	List Of Students Undertaking Project Work/ Field Work/ Internship	Dissertation Title	Supervisor	Remark
1.	NEHA DNYANESHWAR BHANDAKKAR	DIVERSITY OF DRAGONFLIES FROM SELOO, DIST WARDH, MAHARASHTRA	Dr. Ashish Tiple	Submitted
2.	PALLAVI GULABRAO DHABARDE	DIVERSITY OF DRAGONFLIES FROM SELOO, DIST WARDH, MAHARASHTRA	Dr. Ashish Tiple	Submitted
3.	RINKU DEEPAK DARANE	DIVERSITY OF DRAGONFLIES FROM SELOO, DISTRICT WARDHA, MAHARASHTRA	Dr. Ashish Tiple	Submitted
4.	ARYA BRAMHANAND KHADSE	TO STUDY THE DIVERSITY AND POPULATION OF ODONATES IN FUTALA LAKE, AMBAZARI LAKE, NAGPUR, MAHARASHTRA	Dr. Ashish Tiple	Submitted
5.	PRANALI DILIP KHOBRAGADE	VALORISATION WASTE PAPAYA (CARICA PAPAYA L.) USING BLACK SOLDIER FLY, HERMECIAILLUCENS L.	Dr. Ashish Tiple Dr. K.P Ganvir	Submitted
6.	PUJA BALCHAND DHANDE	EFFECT OF CLIMATE CHANGE ON BIODIVERSITY OF BUTTERFLY	Dr. Ashish Tiple	Submitted
7.	ASHWINI GANESHRAO KOTHE	STUDY OF WASTE BANANA DECOMPOSITION BY BLACK SOLDIER FLY, HERMECIAILLUCENS L. AND ITS BIOMASS CONVERSION IN DIST. WARDHA	Dr. Ashish Tiple Dr. K.P Ganvir	Submitted
8.	SHITAL VINODRAO BORKAR	BAKERY SOLID FOOD WASTE REPURPOSED FOR BLACK SOLDIER FLIES WASTE MANAGEMENT TECHNOLOIGY	Dr. Ashish Tiple Dr. K.P Ganvir	Submitted
	KHUSHBOO PRAMODRAO SHENDE	VEGETABLE MARKET WASTE RECYCLING WITH BLACK SOLDIER FLY HERMECIAILLUCENS L. LARVAE FOR SUSTAINABLE ENVIRONMENT AND TO	Dr. Ashish Tiple Dr. K.P Ganvir	Submitted

Co-ordinator
Internal Quality Assurance Cell
Dr. R. G. Bhoyar Arts, Comm.
& Science Conege, SELOO



PRINCIPAL

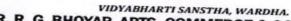
Dr. R. G. Bhoyar Arts, Comm.
& Science College, SELOO

		GENERATES CIRCULAR ECONOMY		1
10	THE THING TADAS	THE TENED TO THE TOTAL TOTAL	Dr. Ashish Tiple Dr. K.P Ganvir	Submitte
11.	SHIVANI SUDHAKAR GAIKWAD	"STUDY OF BIOPOLYMERS"	Dr. Ashish Tiple	Submitte
12.	NANDINI RAMCHADRAJI JANWE	COTTON BUGS OF VIDARBHA REGION, MAHARASHTRA	Dr. Ashish Tiple	Submitte
13.	PRIYANKA BABARAO PAWAR	STUDY OF ICHTHYOFAUNAL DIVERSITY OF DHAM RIVER IN YELAKELI, WARDHA, MAHARASHTRA	Dr. Ashish Tiple	Submitted
14.	SONUTAI NAGORAO RAMTEKE	STUDY OF BUTTERFLY DIVERSITY IN KAVIKULGURU KALIDAS SANSKRIT UNIVERSITY CAMPUS AND KAPOOR BAOLI, RAMTEK, NAGPUR	Dr. Ashish Tiple	Submitted
15.	AMRUTA VIJAYRAO KSHIRSAGAR	REVIEW ON VEGETABLE AND FRUIT PEST	Dr. Ashish Tiple	Submitted
16.	SONALI RAJENDRA YADAV	DRAGONFLIES AND DAMSELFLIES OF BOR RIVER IN SELOO, WARDHA, MAHARASHTRA	Dr. Ashish Tiple	Submitted
17.	SONALI PREM GABDA	TO STUDY THE DIVERSITY OF BIRDS FROM NILONA AND BEMBALA DAM OF YAVATMAL	Dr. Ashish Tiple	Submitted
.8.	PRANALI RAMESHRAO KALMEGH	STUDY OF WETLAND BIRDS IN FUTALA LAKE, NAGPUR	Dr. Ashish Tiple	Submitted
9.	PRASHANTI SHAMKANT YENORKAR	STUDY OF WETLAND BIRDS IN RALEGAON LAKE REGION	Dr. Ashish Tiple	Submitted
0.	AKSHAY SANJAY CHAUDHARI	TO STUDY THE MOLECULAR TECHNIQUES USED IN FISH DISEASE DIAGNOSIS	Dr. Ashish Tiple	Submitted
1.	ASHISH SURESH RAUT	STUDY OF ICHTHYOFAUNAL DIVERSITY OF KANHAN RIVER IN MOUDA REGION	Dr. Ashish Tiple	Submitted
2.	AMAR SUDHAKAR PARGHAN	REVIEW ON VEGETABLE AND Cotton PEST	Dr. Ashish Tiple	Submitted
3.	ASHWINI PRAKASHRAO ZADE	EXPIRED FLOUR BIO CONSERVATION BY BLACK SOLDIER FLY TO GAIN BIOMASS FOR LIVESTOCK FEED	Dr. Ashish Tiple	Submitted
	SANJAYRAO SARAF	ROLE OF BIRD IN ECOSYSTEM	Dr. Ashish Tiple	Submitted
	SWEJAL KRUSHNARAO KALESHWAR	Postpartum Depression : Symptoms and Treatment	Dr. Ashish Tiple	Submitted

Co-ordinator
Internal Chality Assurance Cell
Dr. Communication Shows Consequence College, Security College, Colleg



Dr. R. G. Bhoyar Arts, Comm. & Science College, SELOO





DR. R. G. BHOYAR ARTS, COMMERCE & SCIENCE COLLEGE

MOHANAPUR, TH-SELOO DIST-WARDHA 442104 (FORMERLY VIDYABHARTI COLLEGE)
Affiliated To Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.
NAAC Accredited with B+ Grade College Index: (Sr.-699) (Jr.07.08.006)

Contact: 07155299036

Website: vbcseloo.org

Email: vidyabharti868@gmail.com

P.G. Department of Botany (2021-22)

Sr. No.	List Of Students Undertaking Project Work/ Field Work/ Internship	Dissertation Title	Supervisor	Remark
1	. RUDRANI NAWADE	The state of the s	Dr. Khushal Pathade	Submitte
2	. SHIWANI BIDWAIK	A STUDY OF DIVERSITY OF MEDICINAL PLANTS FOUND IN NACHANGAON VILLAGE, WARDHA DISTRICT	Dr. Khushal Pathade	Submitted
3.	PRATIKSHA DHORE	A SURVEY OF ETHANOMEDICINAL PLANT OF RALEGAON VILLAGE, YAVATMAL DISTRICT, MAHARASHTRA STATE INDIA	Dr. Khushal Pathade	Submitted
4.	MONALI FATING	A SURVEY OF ETHANOMEDICINAL PLANT OF RALEGAON VILLAGE, YAVATMAL DISTRICT, MAHARASHTRA STATE INDIA	Dr. Khushal Pathade	Submitted
5.	PAYAL PATRAKAR	A SURVEY OF ETHANOMEDICINAL PLANT OF RALEGAON VILLAGE, YAVATMAL DISTRICT, MAHARASHTRA STATE INDIA	Dr. Khushal Pathade	Submitted
6.	SHITAL KORE	INVENTARY OF PLANT DIVERSITY IN NAGZIRA SANCTUARY, DISTRICT GONDIA (M.S.)	Dr. Khushal Pathade	Submitted
7.	VAISHANAVI THAKARE	DIVERSITY AND IMPORTANCE OF MEDICINAL PLANTS FOUND IN VIDARBHA REGION, MAHARASHTRA, INDIA	Dr. Khushal Pathade	Submitted
8.	GAYATRI KHELPANDE	DIVERSITY AND IMPORTANCE OF MEDICINAL PLANTS FOUND IN HINGANGHAT TEHSIL, WARDHA DISTRICT, MAHARASHTRA, INDIA	Dr. Khushal Pathade	Submitted
9.	TEJSWINI DHAWANE	SURVEY OF MEDICINAL PLANT AND THEIR TRADITIONAL USED IN PULGAON REGION, MAHARASHTRA, INDIA.	Dr. Khushal Pathade	Submitted
10.	SAHIL JIRKAR	SURVEY OF MEDICINAL PLANT IN	Dr. Khushal Pathade	Submitted

Co-ordinator Internal Quality Assurance Cell Dr. R. Shoyar Ans Jmm. & Science Conege, SELOO.

Arts. Comm.

Dr. R. G. Bhover Arts, Comm. & Science College, SELOO

		YAVATMAL REGION	1	1
11.	POOJA WAGH	INVENTARY OF PLANT DIVERSITY IN WARDHA REGION	Dr. Khushal Pathad	e Submitte
12.	APARNA RAHATE	MEDICINAL PLANT AND THEIR USES IN WARDHA, MAHARASHTRA	Dr. Khushal Pathade	Submitte
13.	ASHWINI LOKHANDE	SURVEY OF MEDICINAL PLANT IN WARDHA REGION	Dr. Khushal Pathade	Submitte
14.	DHANSHREE WAGH	TOTAL CITT, DIST WANDING	Dr. Khushal Pathade	Submitted
15.	AMRUTA VIJAYRAO KSHIRSAGAR	THE STATE OF THE PROPERTY OF THE STATE OF TH	Dr. Khushal Pathade	Submitted
16.	JAYSHREE JAGTAP	SURVEY OF PLANT SPECIES DIVERSITY OF WARDHA DISTRICT, MAHARASHTRA STATE, INDIA	Dr. Khushal Pathade	Submitted
17.	PRATIKSHA BORKAR	TOTAL CITY, DIST-WANDING	Dr. Khushal Pathade	Submitted
18.	SWATI TAGADE	IN A SURVEY OF MEDICINAL PLANTS AND THEIR TRADITIONAL USES FOUND IN SELOO REGION, WARDHA DISTRICT, MAHARASHTRA, INDIA	Dr. Khushal Pathade	Submitted
19.	PRAGATI NAKORIYA	SURVEY OF MEDICINAL PLANTS OF LAKHANDUR TAHSIL OF BHANDARA DISTRICT MAHARASHTRA STATE INDIA	Dr. Vishal Patil	Submitted
20.	VAISHNAVI KAROTKAR	SURVEY OF PLANT SPECIES DIVERSITY OF WARDHA REGION	Dr. Vishal Patil	Submitted
21.	SONALI ITAL	SURVEY OF PLANT SPECIES DIVERSITY OF WARDHA REGION	Dr. Vishal Patil	Submitted
22.	SHIVANI FUNDE	SURVEY OF MEDICINAL PLANTS OF MOHADI TAHSIL OF BHANDARA DISTRICT MAHARASHTRA STATE INDIA	Dr. Vishal Patil	Submitted
23.	RACHANA DAREKAR	SURVEY OF MEDICINAL PLANTS OF MOHADI TAHSIL OF BHANDARA DISTRICT MAHARASHTRA STATE INDIA	Dr. Vishal Patil	Submitted
24.	KALLYANI TELRANDHE	SURVEY OF PLANT SPECIES DIVERSITY OF WARDHA REGION	Dr. Vishal Patil	Submitted
5.	DIVYA KAMBLE	SURVEY OF PLANT SPECIES DIVERSITY OF WARDHA REGION SURVEY OF PLANT SPECIES DIVERSITY OF WARDHA REGION	Dr. Vishal Patil	Submitted
6.	APEKSHA HATWAR	SURVEY OF PLANT SPECIES DIVERSITY OF WARDHA REGION	Dr. Vishal Patil	Submitted
7.	ANKITA RAHANGDALE	SURVEY OF MEDICINAL PLANTS OF LAKHANDUR TAHSIL OF BHANDARA DISTRICT MAHARASHTRA STATE INDIA	Dr. Vishal Patil	Submitted





PRINCIPAL

Dr. R. G. Bhour Arts, Comm.

& Science Conoge, SELOO



VIDYABHARTI SANSTHA, WARDHA.

DR. R. G. BHOYAR ARTS, COMMERCE & SCIENCE COLLEGE

MOHANAPUR, TH-SELOO DIST-WARDHA 442104 (FORMERLY VIDYABHARTI COLLEGE)

Affiliated To Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. NAAC Accredited with B+ Grade

College Index: (Sr.-699) (Jr.07.08.006)

Contact: 07155299036

Website: vbcseloo.org

Email: vidyabharti868@gmail.com

P.G. Department of Physics (2021-22)

Sr. No.	Name of Student	Title of Project	Name of Superviso
1	AKASH DEBILAL BISEN	A Review on materials for solar cell application	Dr. P. R. Chaudhari
2	ANJALI PRABHAKAR THOMBARE	A Review on gas sensor based on one dimensional nanostructured metal- oxide	Dr. P. R. Chaudhari
3.	CHAITALI PRAVINRAO NASARE	A Review on Nickel oxide based gas sensor	Dr. P. R. Chaudhari
4.	DANIYAL ISTEHAKALI SAYYAD	A Review on synthesis and application of metal oxide nanoparticles	Dr. P. R. Chaudhari
5.	DIKSHA PURUSHOTTAM BHASME	A Review on materials of supercapcitor applications	Dr. P. R. Chaudhari
6.	HARSHADA VIJAY KATHANE	A Review on Ferrite based supercapcitor	Dr. P. R. Chaudhari
7.	HARSHAL NARAYAN ATKARE	A Review of Zink Oxide thin film as a future mate for solar cell	Dr. P. R. Chaudhari
8.	HARSHITA SURESHRAO WADAFALE	A Review on perovskite based on gas sensor	Dr. P. R. Chaudhari
9.	KISHOR NARAYAN ATKARE	A Review on biomass based materials in electrochemical supercapacitor applications	Dr. P. R. Chaudhari
10	NAJUKA NAMDEO SATHWANE	A Review on effect of transition metal ion Substitution on magnetic properties of barium Hexaferrites	Prof. G. D. Tapare
11	NAMITA CHANDRABHAN GHATOLE	A Review on synthesis and characterization of Nickel ferrite with different morphology	Prof. G. D. Tapare

Co-ordinator
Internal Quality Assurance Cell
Dr. R. G. Bhoyar Arts, Comm.
& Science College, SELOO

SELOO SC.

PRINCTPAL

Dr. R. G. Bharm Arts, Comm.
& Science College, SELOO

	NIKITA RAMESHRAO KAMDI	A review on effect on transition metal ion substitution on structural and magnetic propertie of Calcium hexaferrites	Prof. G. D. Tapare
1	PAWAN SURESH BARWAD	A Review on Nanocrystalline M-type Barium Hexa-ferrites and study of their electric and magnetic properties	Prof. G. D. Tapare
1	PRAJAKTA UTTAMRAO TEKADE	A Review on synthesis and characterization of Nickel ferrite with different morphology	Prof. G. D. Tapare
1.	PRATIKSHA DHANRAJ WARBHE	A Review oncomparative study structural and magnetic properties of Nickel Cobalt ferrites synthesized by solid state and auto-combustion techniques	Prof. G. D. Tapare
10	SHITAL DHAIRYASHIL MASKE	A review on synthesis method and magnetic prope of M-type Calcium hexa-ferrites	Prof. G. D. Tapare
17	SHOBHIT MOHITRAO MADAKE	A review on effect on transition metal ion substitution on structural and magnetic properties of Calcium hexaferrites	Prof. G. D. Tapare
18	SHRUTIKA MANGESH UIKEY	A review on structural, magnetic and optical properties of nanocrystalline Cobalt ferrites	Prof. G. D. Tapare
19	SHUBHAM VIJAY DHANORKAR	A Review on Recent Development and Future Perspective of Lead-free Ferroelectrics. (Alkaline Niobates-KNbo3)	Prof. S. S. Panchabha
20	SNEHA RAVINDRA GULGHANE	A Review on Recent Development and Future Perspective of Lead-free Ferroelectrics. (BaTiO ₃)	Prof. S. S. Panchabhai
21	SONU SHANKARRAO GIRDE	A Review on Synthesis and Characterization of Co Oxide Doped Barium Strontium Titanate at Nanol	Prof. S. S. Panchabhai
22	SUKESHINI SHRIRAM SOMNATHE	A Review on Synthesis and structural analysis of Co-doped BaTiO3	Prof. S. S. Panchabhai
23	SUPRIYA DEWANAND SUPARE	A Review of Luminescence properties of KNb0 ₃ crystals	Prof. S. S. Panchabhai
24	VAISHALI ASHOKRAO SOMNATHE	A Review on lanthanide doped strontium barium Niobate (SBN) crystals	Prof. S. S. Panchabhai

Co-ordinator
Internat Quality Assurance Cell
Dr. R. G. Bhoyar Arts. Comm.
& Science College, SELOO



PRINCIPAL

Dr. R. G. B. Arts, Comm.
& Science Coilege, SELOO

25	VAISHANVI DILIP RAUT	A Review on Influence of lanthanide ions on the structure and properties of BaTiO ₃ based ceramics	Prof. S. S. Panchabhai
26	VILESH RAJESH BHAVE	A Review on Effect of doping on ferroelectric and dielectric properties of strontium barium Niobate crystals	Prof. S. S. Panchabhai

Co-ordinator
Internal Julity Assurance Cell
Dr. R. G. Bhoyer Arts, Comm.
& Science Conege, SELOO

SELOO SELOO

PRINCIPAL

Dr. R. G. Bhow. Arts, Comm.

& Science College, SELOO





DR. R. G. BHOYAR ARTS, COMMERCE & SCIENCE COLLEGE

NAGPUR-WARDHA ROAD, TH-SELOO DIST-WARDHA 442104
(FORMERLY VIDYABHARTI COLLEGE)

Affiliated To Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

NAAC Accredited with B+ Grade College Index: (Sr.-699) (Jr.07.08.006)

Contact: 07155299036 Website: vbcseloo.org Email: vidyabharti868@gmail.com

Undertaking by the Head of Institution

This is to certify that the **place of work** of all the PG students of our college in subject Botany, Zoology and Physics undertaking project work in academic session 2021-22 was their respective laboratory which was already mentioned there in project completion certificates.

SELOO SELOO

PRINCIPAL
Dr. R. G. Bhoyer Arts, Comm.
& Science College, SELOO

Co-ordinator
Internal Quality Assurence Cell
Dr. R. G. Bhoyer Arts, Comm,
& Science College, SELOO

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF
Head, P.G. Department of Zoology, Dr. R.G. Bhoyar Arts, Commerce and Science College (Vidyabharti
College), Seloo, Wardha, Maharashtra 442104, India
IUCN (The International Union for Conservation of Nature) / SSC (Species Survival Commission) South
Asian Invertebrate Specialist Group Member.

Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in , ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the project report entitled "Study of Ichthyofaunal diversity of Dham River, Yelakeli, Maharashtra, is a bonafide work of Priyanka B. Pawar under the guidance of Dr. Ashish .D. Tiple during the academic year 2021-2022 from Dr. R.G. Bhoyar Arts, commerce and Science College Seloo, Wardha; for fulfillmentof the requirement for the award of degree Master of Science in Zoology.

Place: - Seloo

Date: - 30 06 2022

Dr. Ashish D. Tiple

HEAD

Constiment of Zoology v.CYABHARTI COLLEGE. SELOO, Distat Werdha

PRINCIPAL Vidyabharti College, Selo



3 | Page

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF Head, Department of Zoology, Vidyabharti College, Seloo, Wardha (RTM Nagpur University

Maharashtra, India

IUCN (The International Union for Conservation of Nature)/ SSC (Species Survival Commission)

Asian Invertebrate Specialist Group Member. Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in , ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled "Bioconversion and nutritional performance of Black Soldier Fly, Hermeciaillucens L. fed on summer season Fruit waste" by Miss. Samiksha K. Tadas in Department Of Zoology, Vidyabharti College, Seloo, Dist Wardha for partial fulfilment of Master of Science in Zoology under my guidance and supervision.

Vichabharti Collage,

Place:- Seloo

Date: - 30/06/2022

Department of Zenlogy VIDYABHARTI COLLEGE, SELOO, Dist.t Wardha

M. Sc. (Zoology), Ph. D. (Bu er y Ecology) and PDF Head, P.G. Department of Zoology, Dr. R.G. Bhoyar Arts, Commerce and Science College (Vidyabhar College), Seloo, Wardha, Maharashtra 442104, India IUCN (The Interna onal Union for Conserva on of Nature) / SSC (Species Survival Commission) South Asian Invertebrate Specialist Group Member. Tel: 91-9673446025

Email: ashishd ple@yahoo.co.in , ashishd ple@gmail.com

CERTIFICATE

This is to certify that the project report entitled "Study of butterfly diversity in Kavikulguru Kalidas Sanskrit University campus and Kapoor baoli, Ramtek, Nagpur " is a bonafide work of Sonutai N Ramteke. under the guidance of Dr. Ashish D. Tiple during the academic year 2021-2022 from Dr. R. G. Bhoyar Arts, commerce and Science College Seloo Wardha; for fulfillment of the requirement for the award of degree Master of Science in Zoology.

Supervisor

Dr. Ashish D. Tiple

HEAD

Department of Zoology VIDYABHARTI COLLEGE SELOO, Dist.t Wardha

Vidyabhatti College, Selot

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF Head, Department of Zoology, Vidyabharti College, Seloo, Wardha (RTM Nagpur University Nagpur), Maharashtra, India

IUCN (The International Union for Conservation of Nature) / SSC (Species Survival Commission) South Asian Invertebrate Specialist Group Member.

Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in , ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled "Postpartum Depression: Symptoms & Treatments." by Miss. Swejal K. Kaleshwar in Department Of Zoology, Vidyabharti College, Seloo, Dist Wardha for partial fulfilment of Master of Science in Zoology under guidance and supervision.

Place: Seloo

Date :- 30 06 22

Dr. Ashish D. Tiple



M.Sc. (Zoology), Ph.D. (Butterfly Ecology) and PDF

Head, Department of Zoology, Vidyabharti College , Seloo, Wardha (RTM Nagpur University).

Maharashtra, India.

IUCN (The International Union for Conservation of Nature) / SSC (Species Survival Commission) South Asian Invertebrate Specialist Group Member.

Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in , ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled "To study the diversity and population dynamics of odonates in Futala lake and Ambazari lake Nagpur, Maharashtra, India." by Miss. Arya B. Khadse in Department of Zoology, Vidyabharti College, Seloo, Dist. Wardha for partial fulfillment of Master of Science in Zoology under my guidance and supervision.

Place: Seloo

Date: 30 06 2022

Dr. Ashish D. Tiple

HEAD

Department of Zoology VIDYABHARTI COLLEGE. SELOO, Dist.t Wardha

Weyabbord Gollage, Selor

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF Head, Department of Zoology, Vidyabharti College, Seloo, Wardha (RTM Nagpur University Nagpur), Maharashtra, India IUCN (The International Union for Conservation of Nature) / SSC (Species Survival Commission)

South Asian Invertebrate Specialist Group Member.

Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in , ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the project report entitled 'To study the diversity and population dynamics of Odonates in Seloo city, Wardha Maharashtra, India' is a bonafide work of Miss. Neha Bhandakkar under the guidance of Dr. Ashish .D. Tiple during the academic year 2021-2022 from Dr. R.G.Bhoyar Arts, commerce and Science College Seloo Wardha; for fulfillment of the requirement for the award of degree Master of Science in Zoology.

Place: Seloo

Date: 30/06/2022

Dr. Ashish

Donartment of Zoology V. DYABHARTI COLLEGE, SELOO, Dist.t Wardha

Vieyabharti College, Selov

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF Head, Department of Zoology, Vidyabharti College, Seloo, Wardha (RTM Nagpur University

IUCN (The International Union for Conservation of Nature) / SSC (Species Survival Commission) South Asian Invertebrate Specialist Group Member.

Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in , ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the project report entitled 'To study the diversity and population dynamics of Odonates in Seloo city, Wardha Maharashtra, India' is a bonafide work of Miss. Pallavi Dhabarde under the guidance of Dr. Ashish .D. Tiple during the academic year 2021-2022 from Dr. R.G.Bhoyar Arts, commerce and Science College Seloo Wardha; for fulfillment of the requirement for the award of degree Master of Science in Zoology.

Vidyabharti College.

Place: Seloo

Date: 30-06-022

Dr. Ashis

mariment of Zoology V. TYABHARTI COLLEGE. SELOO, Dist.t Wardha

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF

Head, Department of Zoology, Vidyabharti College, Seloo, Wardha (RTM Nagpur University Nagpur), Maharashtra, India

IUCN (The International Union for Conservation of Nature) / SSC (Species Survival Commission)
South Asian Invertebrate Specialist Group Member.

Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in , ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the project report entitled "Review on vegetable and fruit pest, is a bonafide work of Miss. Amruta V. Kshirsagar under the guidance of Dr. Ashish .D. Tiple during the academic year 2021-2022 from Dr. R. G. Bhoyar Arts, commerce and Science College Seloo Wardha; for fulfillment of the requirement for the award of degree Master of Science in Zoology.

Place: - Seloo

Date: - 30/06/022

OO THE COUNTY OF THE COUNTY OF

Dr. Ashish D. Tiple

Department of Zeology VIDYABHARTI COLLEGE. SELOO, Dist.t Wardha

Vidyabharti College, Selov

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF Head, Department of Zoology, Vidyabharti College, Seloo, Wardha (RTM Nagpur University Nagpur), Maharashtra, India

IUCN (The International Union for Conservation of Nature)/ SSC (Species Survival Commission) South Asian Invertebrate Specialist Group Member.

Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in , ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled "Study of Waste Banana Decomposition by Black Soldier Fly, Hermeciaillucens L. and its biomass conversion in Dist. Wardha Maharashtra" Or by Miss. Ashwini G. Kothe in Department Of Zoology, Vidyabharti College, Seloo, Dist Wardha for partial fulfilment of Master of Science in Zoology under my guidance and supervision.

Vietyabhard College, Selo

Place:- Seloo

Date: 30 06 22

Dr. Ashisl

Department of Zoolo VIDYABHARTI COLLEC SELOO, Dist.t Wardhi

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF

Head, Department of Zoology, Vidyabharti College, Seloo, Wardha (RTM Nagpur University Nagpur),

Maharashtra, India

IUCN (The International Union for Conservation of Nature)/ SSC (Species Survival Commission) South
Asian Invertebrate Specialist Group Member.

Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in , ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled "Study Bakery solid food waste repurposed for Black Soldier Fly waste management Technology of in Dist. Wardha, Maharashtra" by Miss. Shital V. Borkar in Department Of Zoology, Vidyabharti College, Seloo, Dist Wardha for partial fulfilment of Master of Science in Zoology under my guidance and supervision.

Place:- Seloo

Date: - 30 -6 - 2022

Dr. Ashish D. Tiple

Department of Zoology V.DYABHARTI COLLEGE, SELOO, Dist.t Wardha

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF Head, Department of Zoology, Vidyabharti College, Seloo, Wardha (RTM Nagpur University Nagpur), Maharashtra, India IUCN (The International Union for Conservation of Nature) / SSC (Species Survival Commission)

SouthAsian Invertebrate Specialist Group Member.

Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in, ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled "vegetable Market Waste Recycling with Black soldier fly (BSF), Hermetia illucens L. Larvae for sustainable Environment and to generates circular economy Wardha, Maharashtra " by Miss. khushboo p.shende in Department Of Zoology, Vidyabharti College, Seloo, Dist Wardha for partial fulfilment of Master of Science in Zoologyunder my guidance and supervision.

Vieyabharti College, Set

Place : Seloo

Date: - 30 06 22

Head of department of zoology

Supervisor

Dr. R. G. Bhoyar Arts, commerce and science collegeseloo, wardha.

Department of Zoology VIDYABHARTI COLLEGE. SELOO, Dist.t Wardha

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF Head, P.G. Department of Zoology, Dr. R.G. Bhoyar Arts, Commerce and Science College (Vidyabharti College), Seloo, Wardha, Maharashtra 442104, India IUCN (The International Union for Conservation of Nature) / SSC (Species Survival Commission) South Asian Invertebrate Specialist Group Member. Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in , ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled "Dragonflies and Damselflies of Bor river in Seloo, Wardha, Maharashtra" by Miss. Sonali R.Yadav in P.G. Department of Zoology, Dr. R.G. Bhoyar Arts, Commerce and Science College (Vidyabharti College), Seloo, Wardha, Maharashtra 442104, India for partial fulfillment of Master of Science in Zoology under my guidance and supervision.

as Co

Vietyebbord Gollege, Salot

Place: Seloo

Date: 36/66/22

Dr. Ashish D. Tiple

HEAD

Department of Zoology VIDYABHARTI COLLEGE. SELOO, Dist.t Wardha

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF
Head, Department of Zoology, Vidyabharti College, Seloo, Wardha (RTM Nagpur University Nagpur),
Maharashtra, India

IUCN (The International Union for Conservation of Nature)/ SSC (Species Survival Commission) South
Asian Invertebrate Specialist Group Member.

Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in, ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled "Valorisation Waste Papaya (Carica papaya L.) using Black Soldier Fly, Hermeciaillucens L. Dist. Wardha, Maharashtra" by Miss. Pranali D.Khobragade in Department Of Zoology, Vidyabharti College, Seloo, Dist Wardha for partial fulfilment of Master of Science in Zoology under my guidance and supervision.

Place:- Seloo

Date: - 30 6 2022

ONST ACTS CONSTITUTION OF CO.

Victoriah Marti College

Dr. Ashish D. Tiple

HEAD

Conartment of Zoology
VABHARTI COLL. IE,
SELOO, Dist.t Wardha

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF Head, P.G. Department of Zoology, Dr. R. G. Bhoyar Arts, commerce and

Science College (VIdyabharti College), Seloo, Wardha, Maharashtra 42104, India.

IUCN (The International Union for Conservation of Nature) / SSC (Species Survival Commission) South Asian Invertebrate Specialist Group Member. Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in , ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled "Cotton Bugs of Vidarbha region, Maharashtra, Central India" by Miss. Nandini R. Janwe Department of Zoology, Vidyabharti College, Seloo, Dist. Wardha for partial fulfillment of Master of Science in Zoology under my guidance and supervision.

Place: Seloo

Date: - 30 - 06 - 20 22

Dr. Ashish D. Tiple

HEAD Department of Zoology VIDYABHARTI COLLEGE. SELOO, Dist.t Wardha

Vidyabharti College, Seloc

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF Head, P.G. Department of Zoology, Dr. R. G. Bhoyar Arts, commerce and Science College (VIdyabharti College), Seloo, Wardha, Maharashtra 42104, India.

IUCN (The International Union for Conservation of Nature) / SSC (Species Survival Commission) South Asian Invertebrate Specialist Group Member. Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in , ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled "Molecular Techniques Used in Fish Disease Diagnosis"by Mr. Akshay Sanjay Chaudhari in Department Of Zoology, Vidyabharti College, Seloo, Dist Wardha for partial fulfilment of Master of Science in Zoology unde rmy guidance and supervision.

Place : Seloo

Dr. Ashish D. Tiple

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF

Head, Department of Zoology, Vidyabharti College, Seloo, Wardha (RTM Nagpur

University Nagpur), Maharashtra, India

IUCN (The International Union for Conservation of Nature) / SSC (Species Survival

Commission) SouthAsian Invertebrate Specialist Group Member.

Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in , ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the dissemination entitled "Effect of climate change on biodiversity of butterfly" by Miss. Puja B. Dhande in Department of zoology, Vidyabharti College, Seloo, Dist. Wardha for partial fulfilment of Master Of Science in zoology under my guidance and supervision

Vidyabbard College, Selo.

Place: - seloo.

Date: - 30/06/2022

Dr. Ashish Tiple

HEAD

Department of Zoology VIDYABHARTI COLLEGE-SELOO, Dist.t Wardha

M.Sc (Zoology), Ph , D(Butterfly Ecology) And PDF Head PG Department of Zoology, Dr. R. G Bhoyar Arts Commerce and Science College (Vidyabharti College), Seloo, Wardha, Maharashtra, 42104, India IUCN (The International Union for Conservation of Nature)? SSC (Species Survival Commission) South Asian Interberate Specialist Group Member, Tel: -91-9673446025

E-mail - ashistiple@yahoo.co.in., ashishtiple@gmail.com

CERTIFICATE

This is to certify that the project report entitled 'To study the diversity of wetland bird in Ralegaon lake Ralegaon Maharashtra, India' is a bonafide work of Prashanti yenorkar under the guidance of Dr. Ashish .D. Tiple during the academic year 2021-2022 from Dr. R.G.Bhoyar Arts, commerce and Science College Seloo Wardha; for fulfillment of the requirement for the award of degree Master of Science in Zoology.

Dr. AshishTiple

Department of Zoology VIDYABHARTI COLLEGE. SELOO, Dist. Wardha

Vidyabharti College, Selov

M. Sc. (zoology), Ph. D. (Butterfly Ecology) and PDF Head, P.G. Department Of Zoology, Dr. R.G. Bhoyar Arts, Commerce and science College (Vidyabharti College), Seloo, Wardha, Maharashtra 42104, India.

IUCN (The international Union for Conservation of Nature) / SSC (Species Survival Commission) South Asian Invertebrate Specialist Group member,

Tel:- 91-9673446025

Email:- ashishdtiple@yahoo.co.in, ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the project report entitled 'To Study The Diversity of Wetland Bird in Futala Lake Nagpur Maharashtra, India' is a bonafide work of Pranjali kalmegh under the guidance of Dr. Ashish .D. Tiple during the academic year 2021-2022 from Dr. R.G.Bhoyar Arts, commerce and Science College Seloo Wardha for fulfillment of the requirement for the award of degree Master of Science in Zoology.

Mayabbart Gollage, Selob

Date: 30-06-2022

Place: Nagpur

Dr. Ashish d. Tiple

VIDYABHARTI COLLEGE SELOO, Dist.t Wardha

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF Head, Department of Zoology, Vidyabharti College, Seloo, Wardha (RTM Nagpur University Nagpur), Maharashtra, India

IUCN (The International Union for Conservation of Nature) / SSC (Species Survival Commission) South Asian Invertebrate Specialist Group Member.

Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in , ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled "To study the diversity of birds from Nilona and Bembla Dam of Yavatmal, Maharashtra, India." by Miss. Sonali P. Gabda in Department Of Zoology, Vidyabharti College, Seloo, Dist. Wardha for partial fulfilment of Master of Science in Zoology under my guidance and supervision.

Place: Seloo

Date: 30/06/2022

Dr. R. G. Bhoyar Arts, Comm. & Science College, SELOO

Dr. Ashish D. Tiple

Department of Zoolegy VIDYABHARTI COLLEGE SELOO, Dist.t Wardha

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF Head, Department of Zoology, Vidyabharti College, Seloo, Wardha (RTM Nagpur University Nagpur), Maharashtra, India

IUCN (The International Union for Conservation of Nature)/ SSC (Species Survival Commission) South Asian Invertebrate Specialist Group Member.

Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in , ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled "Study Bakery solid food waste repurposed for Black Soldier Fly waste management Technology of in Dist. Wardha, Maharashtra " by Miss. Shital V. Borkar in Department Of Zoology, Vidyabharti College, Seloo, Dist Wardha for partial fulfilment of Master of Science in Zoology under my guidance and supervision.

Place:- Seloo

Date: - 3 0 . 6 . 2 2

Dr. R. G. Bhoyar Arts, Comm. & Science College, SELOO

Dr. Ashish D. Tiple

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF
Head, Department of Zoology, Vidyabharti College, Seloo, Wardha
(RTM Nagpur University Nagpur), Maharashtra, India
IUCN (The International Union for Conservation of Nature) / SSC (Species Survival
Commission) South Asian Invertebrate Specialist Group Member.
Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in, ashishdtiple@gmail.com

CERTIFICATE

This is certified that the Project work Entitled "Ichthyofaunal Diversity of Kanhan River in Mouda" by Mr. Ashish S. Raut in Department of Zoology, Vidya Bharti College, Seloo. Wardha for partial fulfilment of "Master of Science in Zoology" under my guidance and supervision.

Place: Seloo

Date: 30/6122

SELOO SELOO

Dr. Ashish D. Tiple

V.DYABHARTI COLLE SELOO, Dist.t Wards

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF Head, Department of Zoology, Vidyabharti College, Seloo, Wardha (RTM Nagpur University Nagpur), Maharashtra, India IUCN (The International Union for Conservation of Nature) / SSC (Species Survival Commission) South Asian Invertebrate Specialist Group Member. Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in, ashishdtiple@gmail.com

CERTIFICATE

This is certified that the Project work Entitled "Ichthyofaunal Diversity of Kanhan River in Mouda" by Mr. Ashish S. Raut in Department of Zoology, Vidya Bharti College, Seloo. Wardha for partial fulfilment of "Master of Science in Zoology" under my guidance and supervision.

Place: Seloo

Date: 30/6122

Vieyabharti Gollage.

Dr. Ashish D. Tiple

i merment of Zoology VIDYABHARTI COLLEGE. SELOO, Dist.t Wardha

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF

Head, P.G. Department of Zoology, Dr. R. G. Bhoyar Arts, commerce and Science College (VIdyabharti College), Seloo, Wardha, Maharashtra 42104, India.

IUCN (The International Union for Conservation of Nature) / SSC (Species Survival Commission) South Asian Invertebrate Specialist Group Member. Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in , ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled "Role of Bird In Eco-System" by Miss. Shivanni Saraf in Department of Zoology, Vidyabharti College, Seloo, Dist. Wardha for partial fulfillment of Master of Science in Zoology under my guidance and supervision.

Vidyabharti College, Selot

Place: Seloo

Date: - 30 - 06 - 2022

Dr. Ashish D. Tiple

HEAD Danartment of Zoology VIDYABHARTI COLLEGE, SELOO, Dist.t Wardha

M. Sc. (Zoology), Ph. D. (Butterfly Ecology) and PDF Head, Department of Zoology, Vidyabharti College, Seloo, Wardha (RTM Nagpur University Nagpur), Maharashtra, India

IUCN (The International Union for Conservation of Nature) / SSC (Species Survival Commission) South Asian Invertebrate Specialist Group Member.

Tel: 91-9673446025

Email: ashishdtiple@yahoo.co.in, ashishdtiple@gmail.com

CERTIFICATE

This is to certify that the project report entitled 'To study the diversity and population dynamics of Odonates in Seloo city, Wardha Maharashtra, India' is a bonafide work of Miss. Rinku Darane under the guidance of Dr. Ashish D. Tiple during the academic year 2021-2022 from Dr. R.G.Bhoyar Arts, commerce and Science College Seloo Wardha; for fulfillment of the requirement for the award of degree Master of Science in Zoology.

Vidyabhartt College, Seloi

Place: Seloo

Date: 30 06 22

Dr. Ashish Tiple

Department of Zoology VIDYABHARTI COLLEGE SELOO, Dist.t Wardha

CERTIFICATE

This is to certify that the project on "Review on ferrite based super capacitor" contain bonafide record of Harshada Vijay Kathane . She has worked on this project under my guidance and completed the same during academic year 2021-2022. This project work is being submitted partial fulfillment of the degree of "Master of Science in Physics" of the R.T.M Nagpur University, Nagpur.

This project has not been submitted to anywhere for degree, diploma or certificate to any other University.

Prof. G.D. Tapre Head of department. of Physics Vidyabharti College Seloo, Wardha. Department of Physics VIDVABHARTI COLLEGE.

SELOO. Distl. Waldn's

9

3

Arts, Conn

Prof. Prashant Chaudhary Project in charge Vidyabharti College Seloo, Wardha

Dr. R. G. Bhoyar Arts, Comm. & Science College, SELOO

CERTIFICATE

This is to certify that the work presented in this project entitled

" A Review On Synthesis And Structural Anyalysis Of Co-Doped BaTiO3 " is the own work conducted by the Miss Sukeshini S. Somnathe, Student of M.Sc. SEM-IV, Department of Physics, Vidya Bharati College, Seloo under my supervision in the partial fulfilment of the requirement prescribe by Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for the award of Post Graduate Degree in Physics.

> -30 66 20 n Prof.SS.Panchabhai

Assistant Profesor,

Vidya Bharti College,

Seloo

Dr. R. G. Bhoyar Arts, Comm. & Science College, SELOO

3 | Page

CERTIFICATE

This is to certify that the work presented in this project entitled "A Review On Synthesis And Applications of Metal Oxide Nanoparticles " is the own work conducted by the Miss Daniyal T. Istehakali Sayyad, Student of M.Sc. SEM-IV, Department of Physics, VidyaBharati College, Seloo under my supervision in the partial fulfilment of the requirement prescribe by RTM Nagpur University, Nagpur for the award of Post Graduate Degree in Physics.

Dr. P. R. Choudhasi
Project superious or
Assft. Professor

Prof S. Panchabhai

Assistant Profesor,

Vidya Bharti College Seloo

Note: 80/06/202-2

Dr. R. G. Bhoyar Arts. Comm. & Science College, SELCO



This is to certify that the project report entitled

"A REVIE ON SYNTHESIS METHOD AND MAGNETIC PROPERTIES OF M-TYPE CALCIUM HEXA-FERRITE"

has been successfully completed by

Ms. Shital D. Maske

in satisfactory manner as a partial fulfilment of **DEPARTMENT OF PHYSICS** VIDHYABHARTI SCIENCE COLLEGE, SELOO

> R. T. M. Nagpur University, Nagpur during the academic year 2021-2022.

> > & Science College, SELOO

Guided by

Prof. G. D. Tapre

Department of Physics VIDYABHARTI COL EGE.

SELOO. Distt. Wardha



This is to certify that the project work on "A Review on Nickel Oxide Based Gas Sensors" Contains a bonafied record of Ms. Chaitali P. Nasare who has worked on this project and completed the same during the academic year 2021 - 2022. This project work is being submitted in partial fulfillment of degree of "Master of Science (Physics)" of R.T.M. Nagpur University, Nagpur.

Supervisor

Choudhri assistance professor department of physics, Dr. R.G. Bhoyar Arts, Commerce and Science College .Seloo

Head of Department

Prof. G. D. Tapre

Head, Department of Physics, Dr. R. Bhoyar Arts. Physics Commerce and Science EGE.

College, SelooDisti. Wardna

Department of Physics VIDYASHARTI CO. EJE SELOO, Distt. Waruna

Principal

This is to certify that the project on "A Review On Gas Sensors Based on One Dimensional NanostructuredMetal-Oxides:", contains a bona-fide record of Miss. Anjali Thombre has worked on this project under my guidance and completed the same during academic year 2021- 22. This project work is being submitted in partial fulfillment of the degree of "MASTER OF SCIENCE IN PHYSICS" of the R.T.M. Nagpur University, Nagpur.

This project has not been submitted to anywhere for degree, diploma or certificate to any otheruniversity.

Prof. Girish Tapare Head Of Department Physics, Vidya Bharti College, Seloo

HEAD Department of Physics VIDYAGHARTI COLLEGE. SELOO, Dist. Wardhe

Prof. Prashant Chaudhari Assistant Professor, Vidya Bharti College Seloo

VIDYA BHARTI COLLEGE SELOO-WARDHA

CERTIFICATE



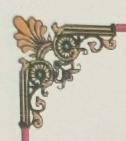
This is to certify that the thesis entitled, "Synthesis and magnetic properties of Nickel ferrite with different morphology", submitted by Miss. Namita Chandrabhan Ghatole in partial fulfillment of the requirements of the award of Bachelor of Technology Degree in Department of physics in Vidya bharti college seloo-Wardha, is an authentic work carried out by under my supervision and guidance.

To the best of my knowledge, the matter embodied in the thesis has not been submitted to any other university institute for the award of any Degree or Diploma.

Date: 8 may 2022

Dr. R. G. Bhoyar Arts, Comm. & Science College, SELOO

Prof-Tapre si Vidya Bharti college Seloo-Wardha 442001





This is to certify that the thesis entitled, "REVIEW ON MATERIAL FOR SUPERCAPACITOR APPLICATION", submitted by Miss Diksha P. Bhasme in partial fulfillment of the requirements of the award of Master of Science Degree in Physics Department at the Vidyabharti College Seloo, Wardha is an authentic work carried out by him under my supervision and guidance.

To the best of my knowledge, the matter embodied in the thesis has not been submitted to any other university / institute for the award of any Degree or Diploma.

Head of Department

Prof Ga Da Tanre vsics

Prof. G. D. Papre vsics

SELOO, Distt. Wardna

Guided by

Dr. P. R. Choudhary

PRINCIPAL Dr. R. G. Bhoyar Arts, Comm. & Sch. nce College, SELOO



This is to certify that the project report entitled "A Review On Recent Development And Future Perspective Of Lead Free Ferroelectrics (BaTiO3)" is carried out and developed Sneha Ravindra Gulghane in partial fulfillment of the M.Sc. (Physics) and submitted to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur under my guidance and supervision.

To the best of my knowledge the matter presented in this project has not been presented earlier for similar degree.

Place: Nagpur

Date: 30/06/2022

Mr. S. S. Panchabhai

Dr. P. PP INCIPAL COMM. Dr. R. C .. Arts, Comm?

Dilege, SELOO & ELL

This is to certify that the project on

" A Review on Recent Development and Future Perspective of Lead free Ferroelectrics (Alkaline Niobates-KNbO3)" contains a bona-fide record of Mr. Shubham V. Dhanorkar has worked on this project under my guidanceand completed the same during academic year 2021-22. This project work is being submitted in partial fulfillment of the degree of "MASTER OF SCIENCE IN PHYSICS" of the R.T.M. Nagpur University, Nagpur.

This project has not been submitted to anywhere for degree, diploma or certificate to any other university.

SELOC

Oxaba/

GX.

Prof. Girish Tapare

Head Of Departments

Physics Wardha

Vidya Bharti College,

3016122

4 | Page

0

0

0

9

9

Prof. S S. Panchabhai

Assistant Profesor,

Vidya Bharti College,

Seloo



This is to certify that the thesis entitled, "REVIEW ON MATERIAL FOR SUPERCAPACITOR APPLICATION", submitted by Miss Diksha P. Bhasme in partial fulfillment of the requirements of the award of Master of Science Degree in Physics Department at the Vidyabharti College Seloo, Wardha is an authentic work carried out by him under my supervision and guidance.

To the best of my knowledge, the matter embodied in the thesis has not been submitted to any other university / institute for the award of any Degree or Diploma.

Arts, Con

Head of Depa Prof. G. D.

VIDVABHARTI COL EGE, SELOO, Dist. Warding

Dr. P. R. Choudhary



VIDYABHARTI COLLEGE SELOO

WARDHA

CERTIFICATE

This is to certify that the dissertation entitled, "Effect of transition metal ion substitution on Structural and magnetic properties of calcium hexaferrites: A Review", submitted by MS. NIKITA R.KAMDI in partial fulfillment of the requirements of the award of Master of science Degree in physics department at the vidya Bharti college of Seloo. This dissertation work carried out by her under my supervision and guidance.

To the best of my knowledge, the matter embodied in the dissertation has not been submitted to any other university / institute for the award of any Degree or Diploma.

EXTERNAL

SELOO COMPANS

Prof.G.D.Fapre

Department of Physics
Department of Physics
Vidyablanta Bollegeoufisefos
SELOO, Distt. Wardha

PRINCIPAL

Date: 3/00/2022

This is to certify that the project on

0

U

0

0

0

"Perovskite based on gas sensor" contain bonafide record of Harshita Suresh Wadafale . She has worked on this project under my guidance and completed the same during academic year 2021-2022. This project work is being submitted partial fulfillment of the degree of "Master of Science in Physics " of the R.T.M Nagpur University, Nagpur.

This project has not been submitted to anywhere for degree, diploma or certificate to any other University .

Prof. G.D. Tapre Head of department. of Physics Vidyabharti College Seloo, Wardha. HEAD

Department of Physics VIDYABHARTI COLLEGE SELOO. Distl. Wardha

Assi Prof, Prashant Chaudhari Project Guide Vidyabharti College Seloo, Wardha

This is to certify that the work presented in this project entitled

" A Review On Synthesis And Characterization Of Cobalt Oxide Doped Barium Strontium Titanate At Nanolevel " is the own work conducted by the Miss Sonu S .Girde, Student of M.Sc. SEM-IV, Department of Physics, Vidya Bharati College, Seloo under my supervision in the fulfilment of the requirement prescribe partial Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for the award of Post Graduate Degree in Physics.

Prof.S.S.Panchabhai

So/66/202

Assistant Profesor,

Vidya Bharti College,

Seloo

This is to certify that the project report entitled

"Lanthanide doped strontium barium niobate (SBN) crystals"

has been successfully completed by

Ms. Vaishali Somnathe in satisfactory manner as a partial fulfilment of

DEPARTMENT OF PHYSICS VIDHYABHARTI SCIENCE COLLEGE, SELOO

> R. T. M. Nagpur University, Nagpur during the academic year 2021-2022.

> > Guided by

epartment of Physics VIDYABHARTI COLLEGE, SELOO, Distt. Wardha

Note: 20/66/202

Prof. Panchbhai

Voishali A. Somnathe

This is to certify that Miss. VAISHNAVI DILIP RAUT has finished all her research work in Department of Physics. She has completed all the formalities of our research Centre. Her Project is hereby forwarded to RTM Nagpur University, Nagpur for the award of Post Graduate Degree in Physics.

Prof. Girish Tapre

Head department of Physics

Vidyabharati College, Seloo

HEAD

Department of Physics

VIDYABHARTI COL. EGE.

SELOO. Distt. Wardha

Date: 30/66/2022

Place: Seloo

Prof. S. S. Panchbhai

Assistant professor

Vidyabharati College, Seloo

SELOO COMMINION CONTROL CONTRO

PRINCIPAL

Dr. R. G. Bhoyar Arts, Comm.

& Science College, SELOO

-30 06 20n

This is to certify that the work presented in this project entitled "A Review On Synthesis And Applications of Metal Oxide Nanoparticles " is the own work conducted by the Miss Daniyal T. Istehakali Sayyad, Student of M.Sc. SEM-IV, Department of Physics, VidyaBharati College, Seloo under my supervision in the partial fulfilment of the requirement prescribe by RTM Nagpur University, Nagpur for the award of Post Graduate Degree in Physics.

Dr. P. R. Choudhasi Pryect suporvissor Asst. Infessor. Date: 80/06/202

Prof. S S. Panchabhai

Assistant Profesor,

Vidya Bharti College Seloo



VIDYABHARTI COLLEGE SELOO (WARDHA) DEPARTMENT OF PHYSICS

RTM NAGPUR UNIVERSITY

CERTIFICATE

This is to certify that VILESH R. BHAVE has carried out and successfully completed the annual project entitled "A review study of electrical properties of silver niobate(AgNbO3) and its modified system (AgNb M O) where M=Tantalum, Antimony, Vanadium" at Vidyabharti College Seloo.

This is an authentic work carried out by him under my supervision and guidance

HEAD Department of Physics VIDYABHARTI COLLEGE. SELOO, Distt. Wardha

Dr. R. G. Bhoyar Arts, Comm. & Science College, SELOO

Prof. S.S Panchbha

Dept. of Physics

Vidyabharti College Seloo



This is to certify that the project on "A review on materials for solar cell application" contains a bona-fide record of Mr. Akash Debilal Bisen has worked on this project under my guidance and completed the same during academic year 2021-22. This project work is being submitted in partial fulfilment of the degree of "MASTER OF SCIENCE IN PHYSICS" of the R.T.M. Nagpur University, Nagpur.

This project has not been submitted to anywhere for degree, diploma or certificate to any other university.

Prof. Girish Tapare Head of Department WIPPhysics TI COLLEGE, Vidya Bharti College, seloo

Dr. Prashant Choudhari.

Assistant Professor, Vidya Bharti College, Seloo

Date: 30/6/22

Place: Seloo

POST GRADUATE

DEPARTMENT OF BOTANY

Dr. R.G. Bhoyar Arts, Commerce and Science College, Seloo, District-Wardha

(Vidyabharti College)

2021-2022



Certificate

I, hereby, certify that this dissertation, entitled "Survey of Medicinal Plant in Pulgaon City, Dist. Wardha". Submitted for the award for the fulfilment of degree of Master of Science in the subject of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, embodies the result of bonafide research work carried out Miss. Dhanashri Moreshwarrao Wagh under my guidance and supervision. I, find out this work comprehensive and completed.

Place: Seloo

Date:

Co-Supervisor

Asst. Professor

Dr. Khusal N. Pathade

Head of Department

Salharde

SELOO. Distt. Wurdha

Prof. Anurag N. Khupat Dr. Vishal N. Patil

POST GRADUATE DEPARTMENT OFBOTANY VIDYABHARTI COLLEGE SELOO District- Wardha-442 104



Certificate

I, hereby, certify that this dissertation, entitled "Medicinal Plants & Their Uses In Wardha, Maharashtra". Submitted for the award for the fulfilment of degree of Master of Science in the subject of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, embodies the result of bonafide research work carried out Miss. Aparna Rahate under my guidance and supervision. I, find out this work comprehensive and completed.

Place: Seloo

Date:

Supervisor

(Head of Department)

K.N.Pathade

Co-Supervisor

Prof. Anurag N. Khupat

Asst. Professor Dr.

Dr. Vishal N. Patil

PRINCIP

Dr. R. G. Bhouar Arts, Comm.

POST GRADUATE

DEPARTMENT OFBOTANY

VIDYABHARTI COLLEGE SELOO District- Wardha-442 104



Certificate

I, hereby, certify that this dissertation, entitled "Medicinal Plants & Their Uses In Wardha, Maharashtra". Submitted for the award for the fulfilment of degree of Master of Science in the subject of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, embodies the result of bonafide research work carried out Miss. Aparna Rahate under my guidance and supervision. I, find out this work comprehensive and completed.

Place: Seloo

Supervisor

(Head of Department)

Date:

Co-Supervisor

K.N. Pathade Prof. Anurag N. Khupat Asst. Professor Dr.

Dr. Vishal N. Patil

Dr. R. G. Bhovar Ans. Comm. TOT, SELOO

POST GRADUATE

DEPARTMENT OF BOTANY

VIDYABHARTI COLLEGE SELOO District- Wardha - 442001



Certificate

I, hereby, certify that this dissertation, entitled "Survey of Medicinal plants in region, Wardha". Submitted for the award for the fulfilment of degree of Master of Science in the subject of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, embodies the result of bonafide research work carried out Ashvini Chandrakant Lokhande under my guidance and supervision. I, find out this work comprehensive and completed.

Head of Department

Co-Supervisor

Prof. Anurag N. Khupat

Place: Seloo

Date:

Asst. Professor

Dr. Vishal N.

PATIL

Dr. R. G. Bhoyar Arts, Comm.

& Science College, SELOO

Post Graduate Department Of Botany

Dr.R.G. Bhoyar Arts, commerce and Science College Seloo,

District.Wardha (MS)- 442 104

2021-2022



CERTIFICATE

I hereby, certify that this dissertation entitled "Survey Of Plant Species Diversity Of Wardha District Maharashtra State India" submitted for the award for the fulfillment of degree of Master Of Science in the subject of Botany Rastrasant Tukadoji Maharaj Nagpur University, Nagpur, embodies the result of Bonafide research work carried out by Ku.Jayshri Ankushrao Jagtap under my guidance and supervision. I, find out this work comprehensive and completed.

Place :- Seloo

Date:-

Dr. Khushal N. Pathade

Supervisor

Prof. Anurag N. Khupat Co-supervisor

> Dr. R. G. Bhovar Arts, Comm. & Science College, SELOO

Dr. Khushal N. Pathade **Head Of Department**

Department of Rotany VIDYABHARTI C SELOO. Distt. Wardha

POST GRADUATE DEPARTMENT OF BOTANY VIDYABHARTI COLLEGE SELOO

District- Wardha-442 104



Certificate

I, hereby, certify that this dissertation, entitled "Survey of Ethnomedicinal Plant of Ralegaon village, Yavatmal dist. Maharashtra state india.". Submitted for the award for the fulfilment of degree of Master of Science in the subject of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, embodies the result of bonafide research work carried out Miss. Payal Vilasrao Patrakar under my guidance and supervision. I, find out this work comprehensive and completed.

Place: Seloo

Date:

Dr. Khushal N. Pathade

Head of Department

Department of Potany VIDYABHARTI (GE SELUO DISIL, V.

Co-Supervisor

Prof. Anurag Khupat

Dr. R. G. Brovar Arts, Comm. & Scien

Asst. Professor

Dr. Vishal Patil



VIDYABHARTI COLLEGE SELOO District- Wardha -442 104



Certificate

I Hereby certify that this dissertation, entitled "A STUDY OF DIVERSITY Of MEDICINAL PLANTS FOUND IN NACHANGAON VILLAGE, WARDHA DISTRICT" Submitted for the award for the fulfillment of degree of Master of Science in the subject of Botany, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur embodies the result of bonafide research work carried out by Miss. Rudrani VijayraoNawade under my guidance and supervision. I find out this work comprehensive and completed.

Place: Seloo

Date:

Supervisor

Dr. Khushal Pathade

Co-Supervisor

Prof. Anurag N. Khupat

Dr. R. G. Bhoyar Arts, Comm. Dr. Khushal Pathade

& Science College, SELOO





POST GRADUATE DEPARTMENT OF BOTANY VIDYABHARTI COLLEGE SELOO

District- Wardha-442 104



Certificate

I, hereby, certify that this dissertation, entitled "Survey of Ethnomedicinal Plant of Ralegaon village, Yavatmal dist. Maharashtra state India.". Submitted for the award for the fulfilment of degree of Master of Science in the subject of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, embodies the result of bonafide research work carried out Miss. Monali Sunilrao Fating under my guidance and supervision. I, find out this work comprehensive and completed.

Place: Seloo

Date:

Supervisor

Dr. Khushal N. Pathade

Head of Department HEAD

Department of Rotany VIDYABHARTI C EGE SELOO, Distt. Wardna

Co-Supervisor

Prof. Anurag Khupat

Dr. R. G. Bhoyar Arts, Comm. Science College, SELOO

Asst. Professor

Dr. Vishal Patil





VIDYABHARTI COLLEGE SELOO District- Wardha -442 104



Certificate

I Hereby certify that this dissertation, entitled "A STUDY OF DIVERSITY Of MEDICINAL PLANTS FOUND IN NACHANGAON VILLAGE, WARDHA DISTRICT" Submitted for the award for the fulfillment of degree of Master of Science in the subject of Botany, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur embodies the result of bonafide research work carried out by Miss. Shivani Pramodrao Bidwaik under my guidance and supervision. I find out this work comprehensive and completed.

Place: Seloo

Date:

Supervisor

Dr. Khushal Pathade

Co-Supervisor

Prof. Anurag N. Khupat

G. Bhovar Arts, Commi Ollege, SELOO

READ Head of Department IDYABHARTI (SELOO. Distt. W....Jna

POST GRADUATE DEPARTMENT OF BOTANY VIDYABHARTI COLLEGE SELOO

District- Wardha-442 104



Certificate

I, hereby, certify that this dissertation, entitled "Survey of Ethnomedicinal Plant of Ralegaon village, Yavatmal dist. Maharashtra state India.". Submitted for the award for the fulfilment of degree of Master of Science in the subject of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, embodies the result of bonafide research work carried out Miss. Pratiksha Ravindra Dhore under my guidance and supervision. I, find out this work comprehensive and completed.

Place: Seloo

Date:

Dr. Khushal N. Pathade

Head of Department VIDYABHARTI C

SELUO Distt. Wurdha

Co-Supervisor

Prof. Anurag Khupat

T. P. C. Bhoyar Arts, Comm. & Science College, SELOO

Asst. Professor

Dr. Vishal Patil



I hereby, certify that this dissertation entitled "Inventory of plant diversity in Nagzira sanctuary district Gondia (M. S.)", submitted in the fulfillment of degree of Master of Science in the subject of Botany, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur, embodies the result of bonafide research work carried out by Ku. Shital Digambar Kore under my supervision during the academic year 2021-22. I find out this work comprehensive and completed.

Date:

Place: Seloo

Dr. K. N. Pathade

Head |

Department of Botany VIDYABHARTI C

SELOO Distt. Wurdha

Co-supervision Dr. V. N. Patil

Asst. Professor Department of Botany Prof. A.N. Khupat Asst. Professor Department of Botany



POST GRADUATE DEPARTMENTOF BOTANY



Certificate

I, hereby, certify that this dissertation, entitled "A Survey of medicinal plant and their traditional used in Pulgaon Region, Wardha City Maharashtra, India "Submitted for the award for the fulfilment of degree of Master of Science in the subject of Botany, Rashtrasant Tukadoji Maharaj Nagpur University. Nagpur, embodies the result of bonafide research work carried out by Ku. Tejaswini Sudhakar Dhawane under my guidance and supervision. I. find out this work comprehensive and completed.

Place: Seloo

Dr. K. Pathade

PRINCIPAL Dr. R. G. Bhovar Arts, Comm. & Science College, SELOO

VIDYABHARTI C SELOO, Distt. W Jha

POST GRADUATE DEPARTMENT OF BOTANY VIDYABHARTI COLLEGE SELOO

District- Wardha-442 104



Certificate

I, hereby, certify that this dissertation, entitled "Diversity and Importance of Medicinal Plant Found in Hinganghat tahsil, Wardha dist. Maharashtra state, India." Submitted for the award for the fulfilment of degree of Master of Science in the subject of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, embodies the result of bonafide research work carried out Miss. Gayatri Marotrao Khelpande under my guidance and supervision. I, find out this work comprehensive and completed.

Place: Seloo

Date:

Co-Supervisor

Asst. Professor

Dr. Khushal N. Pathade

Prof. Anurag Khupat

Dr. Vishal Patil

Bepa Head of Department

VIDYABHARTI C' LEGE, SELOO. Dist. Wardha



POST GRADUATE

DEPARTMENT OF BOTANY

VIDYABHARTI COLLEGE SELOO District- Yavatmal-445001



Certificate

I, hereby, certify that this dissertation, entitled "Survey of Medicinal plants in Region ,yavatmal". Submitted for the award for the fulfilment of degree of Master of Science in the subject of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, embodies the result of bonafide research work carried out Sahil Sanjay Jirkar under my guidance and supervision. I, find out this work comprehensive and completed.

Place: Seloo

Date:

Supervisor Dr. K. N. Pathade

Head of Department Department of Botany
VIDYABHARTI C GE

SELOO Distt. Ve...una

Co-Supervisor

Colle

Prof. Anurag N. Khupat

Asst. Professor Dr. Vishal N. Patil

POST GRADUATE DEPARTMENT OF BOTANY VIDYABHARTI COLLEGE SELOO District- Wardha-442 104



Certificate

I. hereby, certify that this dissertation, entitled "Inventory of plant diversity of region wardha". Submitted for the award for the fulfilment of degree of Master of Science in the subject of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, embodies the result of bonafide research work carried out Pooja Walmikroa Wagh under my guidance and supervision. I, find out this work comprehensive and completed.

Place: Seloo

Date:

Supervisor Dr. K. N. Pathade Head of Department

Beparment of Potany St. UO Diste. Vy 18

Co-Supervisor Prof. Anurag N. Khupat

Asst. Professor Vishal N. Patil

POST GRADUATE

DEPARTMENT OF BOTANY

Dr.R.G.Bhoyar Arts, Commerce and Science College Seloo, District- Wardha (Vidyabharati College) 2021-2022



Certificate

I, hereby, certify that this dissertation, entitled "Survey of Ethnomedicinal Plants in Pulgaon City, Dist. Wardha". Submitted for the award for the fulfilment of degree of Master of Science in the subject of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, embodies the result of bonafide research work carried out Miss. PRATIKSHA PRAMODRAO BORKAR under my guidance and supervision. I, find out this work comprehensive and completed.

Place: Seloo

Date:

Dr. K. N. Pathade

Head of Department

Department of Botany VIDYABHARTI C SELOO. Distt. Wardha

Co-Supervisor

Asst. Professor

Prof. Anurag N. Khupat Dr. Vishal N. Patil Comm.&

POST GRADUATE DEPARTMENT OF BOTANY

Dr. R. G. Bhoyar Arts, Commerce and Science College, Seloo (Vidyabharti College)

District -Wardha (MH)-442104

CERTIFICATE

I hereby, Certify that this dissertation, entitled "A SURVEY OF MEDICINAL PLANT AND THEIR TRADITIONAL USES FOUND IN SELOO REGION DIST-WARDHA MAHARSHTRA INDIA". Submitted for the award for the fulfillment of degree of master of Science in the subject of botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, embodies the result of bonafide research work carried out by KU.SWATI KISHOR TAGADE under my guidance and supervision. I, find out this work comprehensive and completed.

Place: Seloo

Date:

Supervisior

Dr. Khushal N. Pathado

Co-Supervisior

Dr. Vishal N. Patil

Prof. Anurag N. Khupat

PRINCIPAL Dr. R. G. Bharn Asts, Comm. & Science College, SELOO

Head of Department VIDYASHARTI (SELOO Distt. Vv...una

POST GRADUATE DEPARTMENT OF BOTANY VIDYABHARATI COLLEGE SELOO DISTRICT - WARDHA 442004



CERTIFICATE

I hereby certify that this dissertation, entitled "Some diversity and Importance of Medicinal Plants Found in Wardha region Maharashtra India" submitted for the award for the fulfillment of degree of Master of Science in the Subject of Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur embodies the result of bonafide research work carried out by Ku. Vaishnavi S. Thakare under my guidance and supervision. I find out this work comprehensive and completed.

Place: Seloo

Date:

Dr. K.N. Pathade

Co-Supervisor Prof. Anurag N. Khupat

Head of Department

Bepartment of Rotany

Dr. R. G. Bhoyar Arts, Comm. & Science College, SELOO

SELUO DIST. Waruna

