

Shiksha Mandal's

Bajaj College of Science, Wardha

(Formerly known as Jankidevi Bajaj College of Science)

4th Cycle: Assessment and Accreditation by NAAC



Criterion I Curricular Aspects

QnM 1.3.4

Percentage of students undertaking field projects/ internships / student projects



Bajaj College of Science, Wardha

(Formerly known as Jankidevi Bajaj College of Science)
An Autonomous College affiliated to RTM Nagpur University, Nagpur
NAAC Reaccredited 'A' with CGPA of 3.21
(A Linguistic Minority College)



Prof. Pradip. V. Tekade
Principal (Offg.)

Email : jbsciencewardha@yahoo.co.in
pradiptekade@gmail.com

Ref. No. BCS/ /20 -20

Date : 27 DEC 2022

DECLARATION

This is to declare that the information and data furnished as supporting/additional document in the metric 1.3.4 *Percentage of students undertaking field projects/ internships / student projects* are true to the best of my knowledge and is verified by IQAC.

Dr. M. R. Chandrakar
IQAC Co-ordinator

Prof. P. V. Tekade
Principal (Offg.)
Offi. Principal
Bajaj College of Science
WARDHA





1.3.4.1: Number of students undertaking field projects / internships / student projects

- List of Students undertaking field projects/ internships/ student projects during the academic session 2021-22

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Shiksha Mandal's

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An Autonomous College affiliated to RTM Nagpur University, Nagpur

NAAC Reaccredited "A" (CGPA 3.21) | CPE (Phase II)



AISHE ID: 18638

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1.3.4.1: Number of students undertaking field projects / internships / student projects

- List of Students undertaking field projects/ internships/ student projects during the academic session 2021-22

Sr. No.	Programme name	Program Code	Name of students undertaking field projects /internships/student projects
1	M.Sc. Chemistry	PG-CHE (02)	Ms. Aboli Lakhakwar
2			Mr. Shubham Jaiswal
3			Ms. Sakshi Ukey
4			Ms. Nandini Khobe
5			Ms. Ashwini Nasare
6			Ms. Roshani Upase
7			Ms. Sarita Pawade
8			Ms. Chanda Adde
9			Ms. Dhanashri Thool
10			Mr. Tushar Kale
11			Mr. Vikrant Gahukar
12			Ms. Urvashi Pantawane
13			Ms. Pallavi Warghane
14			Ms. Pranali Chandankhede
15			Ms. Payal Chafle
16			Mr. Roshan Chute
17			Ms. Kunali Gondane



Sr. No.	Programme name	Program Code	Name of students undertaking field projects /internships/student projects
1	Computer Aided Drug and Vaccine Design- Institute of Innovations Certificate course and internship	UDYAM-TN-29-0001497	Ms. Shrushti P. Raut
2		UDYAM-TN-29-0001498	Mr. Yash A. Pachare
3		UDYAM-TN-29-0001499	Mr. Rushabh K. Ladekar
4		UDYAM-TN-29-0001500	Ms. Sanika Golait
5		UDYAM-TN-29-0001501	Ms. Tejaswini S. Wadhe
6		UDYAM-TN-29-0001502	Ms. Abha S. Karale
7		UDYAM-TN-29-0001503	Ms. Bhargavi N. Deshpande
8		UDYAM-TN-29-0001504	Ms. Chaitali V. Ambadare
9		UDYAM-TN-29-0001505	Ms. Ruchika S. Nimbalkar
10		UDYAM-TN-29-0001506	Ms. Laukik R. Thakare



Sr. No.	Programme name	Program Code	Name of students undertaking field projects /internships/student projects
1	M.Sc. Botany	PG- BOT (06)-S4-PJ	Mr. Pratik A. Burange
2			Ms. Preeti D. Lohakare
3			Ms. Santoshi B. Zodape
4			Mr. Swapnil M. Dhokpande
5			Ms. Pooja A. Shambharkar
6			Ms. Utkarsha K. Chaudhari
7			Ms. Shital S. Mankar
8			Ms. Shital S. Kodape
9			Ms. Kajal V. Tembhurne
10			Ms. Mansi A. Kolhe
11			Ms. Neha H. Betal
12			Ms. Shivani V. Dhanule
13			Ms. Shraddha D. Ambarwele
14			Ms. Mrunal S. Bandwal
15			Ms. Arpita R. Dhakare
16			Mr. Chetan S. Bahurupi
17			Ms. Vishuddha S. Alone
18			Ms. Priyanka T. Awachate
19			Ms. Pratiksha P. Mamulkar



Sr. No.	Programme name	Program Code	Name of students undertaking field projects /internships/student projects
1	M.Sc. Zoology	PG – ZOO (07)	Ms. Shiwani Bhomle
2			Ms. Poonam Narayane
3			Ms. Vaishnavi Thakare
4			Ms. Pooja Dhote
5			Ms. Kajal Sakharkar
6			Ms. Aboli Kolhe
7			Ms. Bhumika Chawre
8			Ms. Yamini Pal
9			Ms. Siddhi Chandak
10			Ms. Nikita Burande
11			Ms. Pooja Dekate
12			Ms. Ruchita Patil
13			Ms. Dewyani Sontakke
14			Ms. Rasika Nandurkar
15			Ms. Jayshree Girde
16			Ms. Pranita Mathankar
17			Ms. Maheshwari Munne
18			Ms. Priyanka Ghuse
19			Ms. Shital Yerne
20			Ms. Pratiksha Kharde
21			Mr. Chetana Bahure
22			Ms. Pratiksha Daronde



Sr. No.	Programme name	Program Code	Name of students undertaking field projects /internships/student projects
1	M.Sc. Microbiology	PG- MB (08)	Ms. Rakshanda Khan Aslam Khan Pathan
2			Ms. Aachal D. Hadke
3			Ms. Sonali N. Hete
4			Ms. Komal R. Jumde
5			Ms. Diksha I. Dawale
6			Ms. Shruti N. Lokhande
7			Ms. Shubham E. Chole
8			Ms. Kamini K. Bhoge
9			Ms. Aishwarya K. Charode
10			Ms. Pranjli R. Kewate
11			Ms. Dipali B. Hinge
12			Ms. Rohini S. Karamore
13			Ms. Payal G. Kaner
14			Ms. Pragati P. Babhulkar
15			Ms. Snehal L. Mendhe
16			Mr. Dnyaneshwar P. Manmode
17			Ms. Pratiksha P. Deshmukh
18			Ms. Pragati S. Madavi
19			Mr. Vaibhav P. Manmode
20			Mr. Akash V. Kakade
21			Ms. Likhita S. Muley
22			Ms. Shivani S. Kawade
23			Ms. Tejashri P. Sontakke
24			Mr. Trikal G. Sukare
25			Ms. Isha A. Deshmukh
26			Ms. Darshana M. Ghaturle



Sr. No.	Programme name	Program Code	Name of students undertaking field projects /internships/student projects
1	B.Sc. Microbiology	UG-MB (08)	Ms. Sanskruti Shukla
2			Ms. Punam Paliwal
3			Ms. Nikita Telrandhe
4			Mr. Chetana Thakare
5			Ms. Pallavi Jamane
6			Ms. Sanyukta Shukla
7			Mr. Pranav Ghawghawe
8			Ms. Shraddha Bokade
9			Ms. Simran Thool
10			Ms. Rutuja Dhange
11			Ms. Mansi Tupate
12			Ms. Jayati Yadav
13			Ms. Srushti Puranik



Sr. No.	Programme name	Program Code	Name of students undertaking field projects /internships/student projects
1	Clinical Laboratory Techniques	CC (1) – CLT	Ms. Tejaswini S. Wadhe
2			Ms. Gunjan A. Kakde
3			Ms. Kunti S. Tijare
4			Ms. Aishwarya D. Chandankhede
5			Ms. Lina V. Pal
6			Ms. Abha S. Karale
7			Ms. Angha V. Makode
8			Mr. Aniket R. Vitalkar
9			Ms. Sanskruti M. Shukla
10			Ms. Nikita D. Telrandhe
11			Ms. Rutuja V. Dhange
12			Ms. Shivani B. Chaudhary
13			Ms. Aachal V. Chambare
14			Mr. Aditya M. Kewate
15			Ms. Tejas M. Tadas
16			Ms. Renuka H. Choudhari
17			Ms. Anshuli S. Fukat
18			Ms. Sanjana S. Sathawane
19			Ms. Kshushbu R. Kavre
20			Mr. Dilip A. Raghavan
21			Ms. Savi D. Ramteke
22			Ms. Shiwani P. Kawade
23			Ku. Kajal S. Soni
24			Ku. Jidnyasa P. Belkhede
25			Ku. Likhita S. Muley
26			Ku. Rakshanda A. Pathan

1.3.4.1: Number of students undertaking field projects / internships / student projects

Certificates of students undertaking field projects/ internships/ student projects during the academic session 2021-22 in M. Sc. Chemistry

Shiksha Mandal's Establishment Year: 1962		
Bajaj College of Science, Wardha Autonomous College affiliated to RTMNU, Nagpur (A Linguistic Minority College) Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore College with Potential for Excellence, UGC, New Delhi Star College Scheme by DBT Govt. of India, New Delhi		
Office Fax : (07152) 230511 Admin. Off. : (07152) 241096 Library : (07152) 255070 E-mail : principal@bajajcollege.edu.in website : www.shikshamandal.org		Jamnalal Bajaj Marg Civil Lines Wardha - 442 001 (Maharashtra) Ubi. College No. : 892 Sr. College No. : 07-01-005
Ref No. J.B.C./ /2021-2022		Date: 23/06/2022
<h2>Certificate</h2>		
<p>This is to certify that the work presented in this thesis entitled, "SYNTHESIS AND CHARACTERIZATION OF ZnO-AGNANOPHOTOCATALYSTS" is the own work of Ms. ABOLI RAJU LAKHAKWAR conducted in the Department Chemistry, Bajaj College of Science, Wardha, under my supervision. This work has not been submitted earlier to any University/ Institution for any research degree to the best of my knowledge.</p>		
 Dr. Mrs. N. P. Mohabansi Supervisor/Co-ordinator, J. Department of Chemistry	 Dr. P. V. Tekade Head/In charge Department of chemistry	 Dr. Om A. Mahodaya Principle Bajaj College of Science, Wardha
Date: 22.06.2022 Place: Wardha		

Shiksha Mandal's
Establishment Year - 1962

Bajaj College of Science, Wardha

Autonomous College affiliated to RTMNU, Nagpur
(A Linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with Potential for Excellence, UGC, New Delhi

Star College Scheme by DBT Govt. of India, New Delhi

Office Fax : (07152) 230515
Admin. Off. : (07152) 241696
Library : (07152) 255070
E-mail : library@bajajcollege.edu.in
website : www.shikshamandal.org



Jamnoli Bajaj Marg
Civil Line
Wardha - 442 001 (Maharashtra)
U/n College No - 802
B. College No. - 07-01-003

Ref No. J.B.C./ /2021-2022-

Date: 22/4/2022

Certificate

This is to certify that the work presented in this thesis entitled, "SYNTHESIS AND CHARACTERIZATION OF $\text{TiO}_2\text{-FeCl}_3$ NANOPHOTOCATALYSTS" is the own work of Ms. SAKSHI DIPAK UKEY conducted in the Department Chemistry, Bajaj College of Science, Wardha, under my supervision. This work has not been submitted earlier to any University/ Institution for any research degree to the best of my knowledge.

Dr. Mrs. N. P. Mohabansi
Supervisor/Co-ordinator,
G. Department of Chemistry

Dr. P. V. Tekade
Head/In charge
Department of chemistry

Dr. Om A. Mahodaya
Principle
Bajaj College of Science, Wardha

Date: 22/6/2022
Place: Wardha

Bikshambardol's
Established Year - 1967

Bajaj College of Science, Wardha

(Formerly known as (erstwhile) Bajaj College of Science, Wardha)

Autonomous College affiliated to KJ Somaiya, Raigad

(A Linguistic Minority College)

Recognized 'A' Institution (UFA 3.21), since 2002, Regional

College with Potential for Excellence, WC, Dec 2016

Office Phn - 020 2261 25022
Mobile Ph - 020 2261 25199
Phax - 020 2261 25079
E-mail - principal@bajajcollege.ac.in
Website - www.bajajcollege.ac.in



Location: Datta Marg
Tadgaon
Wardha - 441 001 (M.P.)
Pin Code - 441 001
UFA No. - 3.21
UFA No. - 3.21

Ref No. B.C.S / 122 / 20

Date / / 20

Certificate

This is to certify that the work presented under Project entitled, "In Silico Modeling Studies on Selected Pyrazoline Derivatives as Potential Anticancer Agents" is the own work of Ms. Nandini Nishish Kshobe conducted in the P.G. Department of Chemistry, Bajaj College of Science, Wardha in session 2021-22.

Date:

For:

Dr. K. S. Dhadu
Project Supervisor

Dr. D. V. Talade
Head/Incharge
Department of Chemistry

Dr. Om A. Mahudaya
Principal
Bajaj College of Science, Wardha

DikshaMandal's
Established Year - 1962

Bajaj College of Science, Wardha

(formerly known as Jandidevi Bajaj College of Science, Wardha)

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Reaccredited 'A' Institution (CGPA X,21), NAAC (AAC) Degree

College with Potential for Excellence, SVC, New Delhi

Phone No - (07131) 229115
Admission - (07131) 241190
Library - (07131) 229070
E-mail - admission@bajajcollege.ac.in
Website - www.bajajcollege.ac.in



Institute Road, Part 2
Civil Line
Wardha - 441 001 (Maharashtra)
Ina. College No. - 807
B. College No. - 87-81-807

Ref No. J.B.C./ /20 -20

Date : / /20 2-

Certificate


This is to certify that the work presented under Project entitled, "Molecular docking and In silico identification of substituted phenylmethylenhydantoin as natriuretic agents" is the own work of Ms. Ashwini Gajanan Namare conducted in the P.G. Department of Chemistry, Bajaj college of Science, Wardha in year 2021-22.

Date

Place:


Dr. K.M. Dadare

Project Supervisor


Dr. J. S. Takate

Head/Incharge
Dept. of Chemistry



Dr. Om A. Mahodaya
Principal

Bajaj College of Science, Wardha

Bajaj College of Science, Wardha

Autonomous College affiliated to HEMU, Nagpur

(A Uriguistic Minority College)

Recognized by the Institution of CPB (2013) under 100% donation

College With Potential for Excellence (CWP) - 2016

State College Scheme by DIT (Govt of India) 2015-2016

Phone No. 020-22211411
Address: Office: 20/20/20
E-mail: bajajcollege@rediffmail.com
Website: bajajcollege.edu.in



Principal: Dr. O. A. Mahodaya
Head Incharge: Dr. P. V. Tekade
Project Supervisor: Mr. M. D. Bansing

Ref: Col/1111/2023

Date: 25/06/2023

Certificate

This is to certify that the work presented in this thesis entitled, "A literature review on topic removal of heavy element in water using modified biopolymer Cellulose and Chitosan" is the own work of Ms. ROSHANI SHALIKRAO UPAS, conducted in the Department Chemistry, Bajaj College of Science, Wardha, under my supervision. This work has not been submitted earlier to any University/ Institution for any research degree to the best of my knowledge.

Date: 25/06/2023
Place: Wardha


Dr. P. V. Tekade

Head Incharge
(Dr. P. V. Tekade)



Principal
(Dr. O. A. Mahodaya)


Project Supervisor
(Mr. M. D. Bansing)

Bajaj College of Science, Wardha

Autonomous College affiliated to BUNSA, Nagpur
(A Linguistic Minority College)
Recognized by Government (CPA L23), Maharashtra
College with Potential for Excellence (CPE), New Delhi
Star College Scheme by DIT, Government of Maharashtra

Office: Bajaj College of Science,
Wardha - 431001 (Maharashtra)
Phone: 020-22222222
E-mail: bajajcollegeofscience@gmail.com
Website: www.bajajcollegeofscience.edu.in



Principal: Dr. A. Mohodiyaa
Faculty: Dr. P. V. Tekade
Head Incharge: Dr. P. V. Tekade
E-mail: bajajcollegeofscience@gmail.com

Ref. No. B.C.S. / 70 / 20

Date: / / 20

Certificate

This is to certify that the work presented in this thesis entitled, "A literature review on topic removal of heavy element in water using modified biopolymer, Cellulose and Chitosan" is the own work of Ms. SARITA SANDIPRAO PAWADE conducted in the Department Chemistry, Bajaj College of Science, Wardha under my supervision. This work has not been submitted earlier to any University/Institution for any research degree to the best of my knowledge.

Date: 25/11/2020
Place: Wardha


Project Supervisor
(Mr. M. D. Bansinge)


Head Incharge
(Dr. P. V. Tekade)


Principal
(Dr. Dr. A. Mohodiyaa)


Dr. Vijay Masand

Bajaj College of Science,

WARDHA - 431001 (Wardha District)

2011-12

Shiksha Mandal's

Constitution Year 1967

Bajaj College of Science, Wardha

Autonomous College affiliated to RTMNU, Nagpur

(A Linguistic Minority College)

Reaccredited „A“ Institution (C.A.P.A 3.21), NAAC (01/13) Bangalore

College with Potential for Excellence, C.C. New Delhi

Star College Scheme by DRT, Govt. of India, New Delhi

Office Fax : 020115010100
Admin. Off : 020115010100
Phone : 020115010100
E-mail : info@bajajcollege.ac.in

Website : www.bajajcollege.ac.in



General Office: Mary
Civil Post
Wardha - 431001 (Wardha District)
E-mail: info@bajajcollege.ac.in

B. College No. 01101001

Ref No. J.B.C./ /20 -20

Date: / /20

Certificate

This is to certify that the work presented in this thesis entitled, “**Review of Studies of Transition Metal Oxide-based Electrode Materials for Supercapacitor Application**” is the own work of Ms.Chanda R. Adde conducted in the Department Chemistry, Bajaj College of Science, Wardha, under my supervision. This work has not been submitted earlier to any University/ Institution for any research degree to the best of my knowledge.

Mr. Nakul A. Barwat
Supervisor
P.G. Department of Chemistry

Dr. P. V. Telade
Head in charge
Department of chemistry

Dr. Om A. Mahodhaya
Principle
Bajaj College of Science, Wardha

Date:
Place: Wardha

Dr. Vijay Masand

Bajaj College of Science,

WARDHA - 431001 (M.S.) INDIA

2013-14

Shri Chh. Mansingh's

Memorial Trust

Bajaj College of Science, Wardha

Autonomous College affiliated to RIMNU, Nagpur

(A Linguistic Minority College)

Recognized 'A' Institution of GPA, 2013, State Government

College with Potential for Excellence, 1997-2003

Star College Scheme by DHE, Govt of Maharashtra

Office No. - 021101119911
Phone No. - 021101120000
Fax No. - 021101120000
E-mail - bajajcollegeofscience@gmail.com
Website - www.bajajcollegeofscience.com



Approved by UGC
1997-98
Affiliated to RIMNU, Nagpur
U. No. 100/2003
U. No. 100/2003
U. No. 100/2003

Ref No. / B.C. / 26 / 20

Date / / 20

Certificate

This is to certify that the work presented under Project entitled
"Review of Studies of Synthesis of Transition Metal Oxide-based
Nanocomposites for Supercapacitors" is the own work of Ms. Dhanashri R.
Thakur conducted in the PG Department of Chemistry, Bajaj college of
Science, Wardha in session 2021-22.

Date: 17/06/24

Place:

Mr. Nakul A. Barwat

Project Supervisor

Dr. Om A. Mahadaya

Principal

Bajaj College of Science, Wardha

Dr. P. V. Tesade

Head/Incharge

Department of Chemistry

Establishment Year : 1962

Shiksha Mandal's

Bajaj College of Science, Wardha

Autonomous College

A Linguistic Minority College

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with Potential for Excellence, UGC, New Delhi

Star College Scheme by DBT Govt. of India, New Delhi

Office/Fax : (07152) 230515
Admn. Off. : (07152) 241696
Library : (07152) 255070
E-mail : jbsci@wardha.ac.in
website : www.shikshamandal.org



Jansal Bajaj Marg
Civil Line
Wardha - 442 001 (Maharashtra)
Uni. College No. : 802
Jr. College No. : 07-01-005

CERTIFICATE


This is to certify that the work presented in this thesis entitled, "Building a promising molecular hybrids of quinoline tethered triazoles" is the own work of **Mr. Tushar B. Kale**, conducted in the P. G. Department of Chemistry, Bajaj college of Science, Wardha, under my supervision. This work has not been submitted earlier to any University/ Institution for any research degree to the best of my knowledge.

Date: 22/06/2022

Place: Wardha


Dr. F. G. Borkar

Project Supervisor


Dr. Mrs. N. P.
Mohabansi

Coordinator
PG-Department of
Chemistry


Dr. P. V. Tekade

Incharge
Department of
Chemistry


Dr. Om A. Mahodaya

Principal

Established Year: 1962

Shiksha Mandals

Bajaj College of Science, Wardha

Autonomous College affiliated to RTMNU, Nagpur
(A Lingulate Minority College)
Reaccredited 'A' Institution (CGPA 3.21), NAAC (2017) Awarded
College with Potential for Excellence, 100, New India
Star College Scheme by DUT Govt. of India, New Delhi

Contact: 07152120111
Admin. Off: 07152124546
Library: 07152124078
E-mail: bajajcollege@rtmnu.ac.in

Website: www.bajajshiksha.org



Jankar Bajaj Group
Civil Line
Wardha - 431 001 (Maharashtra)
Dist. College No. : 800
B. College No. : 07-01-499

Ref No. B.C./ 2021-2022

Date: / / 2022

Certificate

This is to certify that the work presented in this thesis entitled, "A Brief Review on Co-operative Catalysis in Organic Synthesis" is the own work of Mr. Vikrant Prakash Galankar, conducted in the Department Chemistry, Bajaj College of Science, Wardha, under my supervision. This work has not been submitted earlier in any University/ Institution for any research degree to the best of my knowledge.

Date: 20/06/22

Place: Wardha

Dr. P. G. Borkar

Project Supervisor

Dr. Mrs. N. P. Mohabadi

Coordinator
PG-Department of
Chemistry

Dr. P. V. Tekade

HOD incharge
Department of Chemistry

Dr. G. A. Mahodaya

Principal

Established Year : 1962

Shikhar Mandal's

Bajaj College of Science, Wardha

Autonomous College

A Linguistic Minority College

Reaccredited 'A' Institute (CGPA 3.21), NAAC (UGC), Bangalore

College with Potential for Excellence, UGC, New Delhi

Star College Scheme by DIT Govt. of India, New Delhi

Office No. : 01152120018
Adm. Off. : 01152120096
Library : 01152120079
E-mail : library@bajajcollege.edu.in
Website : www.bajajcollege.edu.in



Jambhal Bajaj Marg
First Unit
Wardha - 441 006 (Maharashtra)
Dist. College No. - 882
In. College No. - 07-81-083

CERTIFICATE

This is to certify that the work presented in this thesis entitled, "Synthesis of novel quinoline tethered isoxazole scaffolds" is the own work of Ms. Urvasli Pantawane, conducted in the P. G. Department of Chemistry, Bajaj college of Science, Wardha, under my supervision. This work has not been submitted earlier to any University/ Institution for any research degree to the best of my knowledge.

Date: 28/06/2022

Place: Wardha

Dr. P. G. Borkar

Project Supervisor

Dr. Mrs. N. P.
Mahabani

Coordinator
PG-Department of
Chemistry

Dr. P. V. Tekade

In-charge
Department of
Chemistry

Dr. Om A. Mahodays

Principal

Shiksha Mandal's
Establishment Year: 1962
Bajaj College of Science, Wardha
Autonomous College affiliated to RTMNU, Nagpur
(A Linguistic Minority College)
Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore
College with Potential for Excellence, UGC, New Delhi
Star College Scheme by DBT Govt. of India, New Delhi

Office/Fax : (07152) 230515
Admn. Off. : (07152) 241696
Library : (07152) 255070
Email: jbsciencewardha@yahoo.co.in
website : jbsw.shikshamandal.org



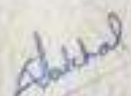
Jannalal Bajaj Marg
Civil Line, Wardha - 442 001
(Maharashtra)
Uni. College No. : 802
Jr. College No. : 07-01-003


Ref No. J.B.C./ /20 -20


Date: / /20

Certificate

This is to certify that the work presented under Project entitled "**Flame Retardent Graphene Oxide: A Review**" is the own work of **Miss. Pallavi Vinodrao Warghane** Student of Bajaj College of Science, Wardha (Department of chemistry) who successfully completed project of M.Sc. second year in the Department of Chemistry, in time period of 2 months (Date of commencement: **07/03/2022** and Date of completion: **07/05/2022**) in the Department of Chemistry, Jankidevi Bajaj college of Science, Wardha.


Project Supervisor
(Dr. Akhil V. Nakhate)


Dr. P. V. Tekade
Head/Incharge
Department of Chemistry


Dr. Om A. Mahodaya
Principal
Bajaj College of Science

Shiksha Mandali's
Established Year 1967
Bajaj College of Science, Wardha
Autonomous College affiliated to RFWU, Nagpur
(A Linguistic Minority College)
Recognized 'A' Institution (GPA A.21), NAAC (UGC), Bangalore
College with Potential for Excellence, UGC, New Delhi
Star College Scheme by DIT Govt. of India, New Delhi

Office/ Fax : (07152) 230515
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Library : (07152) 259070
Email: jbsch@bajajcollege.edu.in
website : www.shikshamandali.org




Jankidevi Bajaj Marg
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001 (Maharashtra)
Univ. College No. : 802
J. College No. : 07-01-093


Ref No. J.B.C. /20 -20

Date: / /20

Certificate

This is to certify that the work presented under Project entitled "**Phosphorous Modified Chitosan-Based Banana Pseudo Stem As A Highly Efficient Flame Retardant**" is the own work of **Miss Pranali Rajendra Chamlankhede** Student of Bajaj College of Science, Wardha (Department of chemistry) who successfully completed project of M.Sc. second year in the Department of Chemistry, in time period of 2 months (Date of commencement: 07/03/2022 and Date of completion: 07/05/2022) in the Department of Chemistry, Jankidevi Bajaj college of Science, Wardha.


Project Supervisor
(Dr. Akhil V. Nikhale)


Dr. P. A. Tekate
Head/Incharge
Department of Chemistry


Dr. D. S. Maheshwari
Principal
Bajaj College of Science

Bajaj College of Science,
WARDHA - 442001 (MS, INDIA)
2021-22

Shiksha Mandal's
Establishment Year: 1962

Bajaj College of Science, Wardha

Autonomous College affiliated to RTMNU, Nagpur
(A Linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with Potential for Excellence, UGC, New Delhi

Star College Scheme by DBT Govt. of India, New Delhi

Office/Fax : (07152) 240513
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Library : (07152) 259070
E-mail : bsc@bajajcollege.ac.in
website : www.shikshamandal.org



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Wardha - 442 001 (Maharashtra)
Uni. College No. : 002
B. College No. : 07-01-003

Ref No. J.B.C./ 120 -20

Date: 1 / 20 / 06 / 2022

Certificate

This is to certify that the work presented in this thesis entitled, "*A Study of Cotton Stalk Biochar Application for Efficient Removal of Monocrotophos and Glyphosate*" is the own work of **Ms. Payal Namdeorao Chafle** conducted in the Department Chemistry, Bajaj College of Science, Wardha, under my supervision. This work has not been submitted earlier to any University/ Institution for any research degree to the best of my knowledge.

Dr. Mahejabeen A. Haque
Supervisor,
P.G. Department of
Chemistry

Dr. P. V. Tekade
Head/In charge
Department of Chemistry

Dr. Om A. Mahodaya
Principal
Bajaj College of Science,
Wardha

Date: 20/06/2022
Place: Wardha

Shiksha Mandal's
Established Year : 1952

Bajaj College of Science, Wardha

Autonomous College affiliated to RTMNU, Nagpur
(A Linguistic Minority College)
Reaccredited 'A' Institution (CGPA 3.21), NAAC (BGC), Bangalore
College with Potential for Excellence, UGC, New Delhi
Star College Scheme by DBT Gov. of India, New Delhi

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Admin. Off. : 071521 24199
Library : 071521 25070
E-mail : bcw@shikshamandal.org
Website : www.shikshamandal.org



Annual Reg. No. :
Cred. List
Wardha - 401001 (Maharashtra)
Ues. College No. : 001
B. College No. : 07411001

RefNo. J.B.C. / /20 -20

Date: 20/6/2022

Certificate

This is to certify that the work presented in this thesis entitled, "*Removal of Monocrotophos and Glyphosate Using Pigeon Pea Biochar as Low Cost Adsorbent*" is the own work of Mr. Roshan Dillip Chute conducted in the Department Chemistry, Bajaj College of Science, Wardha, under my supervision. This work has not been submitted earlier to any University/ Institution for any research degree to the best of my knowledge.

Dr. Mahejabeen A. Haque
Supervisor
P.G. Department of Chemistry

Dr. P.V. Tekade
Head/In charge
Department of chemistry

Dr. Om A. Mahodaya
Principal
Bajaj College of Science,
Wardha

Date: 20/6/2022
Place: Wardha

ShikshaMandal's
Establishment Year - 1967

Bajaj College of Science, Wardha

(formerly known as Jandidevi Bajaj College of Science, Wardha)

Autonomous College affiliated to RTMNU, Nagpur

(A Linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC) Bangalore

College with Potential for Excellence, UGC, New Delhi

Office/Phn : (07152) 258515
Admn. Off. : (07152) 241496
Library : (07152) 255070
E-mail : shikshamandal@rtmnu.ac.in
website : www.shikshamandal.org



Jandevi Bajaj Marg
Civil Line
Wardha - 441 001 (Maharashtra)
Dist. College No. - 803
B. College No. - 97-93-002

Ref No. [B.C./ /20 -20

Date : / /20

Certificate

This is to certify that the work presented under Project entitled
"Study of Graphene based materials for their application in supercapacitors :
A review" is the own work of Ms. Kunal Gondane conducted in the
P.G. Department of Chemistry, Bajaj college of Science, Wardha in
session 2021-22.

Date :

Place :

Ms. B. U. Tale

Project Supervisor

Dr. Om A. Mahodaya

Principal

Bajaj College of Science, Wardha

Dr. P. V. Tekade

Head/Incharge

Department of Chemistry

Certificates of students undertaking field projects/ internships/ student projects during the academic session 2021-22 in Computer Aided Drug and Vaccine Design- Institute of Innovations Certificate course and internship

 **INSTITUTE OF INNOVATIONS**
Tiruvannamalai, Tamilnadu, India
Registered MSME, Government of India MSME
Udyam Registration Number : UDYAM-TN-29-0001497

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Ministry of MSME, Govt. of India

Certificate Number
2022CADVD030

CERTIFICATE

This is to certify that



Ms. SRUSHTI PRAKASH RAUT
1st Year, Department of Biotechnology
Bajaj College of Science (Autonomous), Wardha

has successfully completed 15 days
Certificate Course and Internship
on "Computer Aided Drug and Vaccine Design" during 29 January to
12 February 2022. This certificate has been presented based on the
candidate's satisfactory performance in the final assessment.

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P. Praveen Kumar
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Ministry of MSME, Govt. of India

Certificate Number
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This is to certify that



Mr. YASH ARVIND PACHARE
BSc Final Year, Department of Biotechnology
Bajaj College of Science (Autonomous), Wardha

has successfully completed 15 days
Certificate Course and Internship
on "Computer Aided Drug and Vaccine Design" during 29 January to
12 February 2022. This certificate has been presented based on the
candidate's satisfactory performance in the final assessment.

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Mr. RUSHABH KAMALAKAR LADEKAR
BSc Final Year, Department of Biotechnology
Jankidevi Bajaj College of Science, Wardha

has successfully completed 15 days
Certificate Course and Internship
on "Computer Aided Drug and Vaccine Design" during 29 January to
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Ms. SANIKA GOLAIT
BSc 2nd Year, Department of Biotechnology
Bajaj College of Science (Autonomous), Wardha

has successfully completed 15 days
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MINISTRY OF MSME, GOVT. OF INDIA

CERTIFICATE

This is to certify that



Ms. TEJASWINI SANJAY WADHE
BSc 2nd Year Biotechnology
Bajaj College of Science (Autonomous), Wardha

has successfully completed 15 days
Certificate Course and Internship
on "Computer Aided Drug and Vaccine Design" during 29 January to
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CERTIFICATE

This is to certify that



Ms. ABHA SANJAY KARALE
BSc 2nd Year, Department of Biotechnology
Bajaj College of Science (Autonomous), Wardha

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Ms. BHARGAVI NAYAN DESHPANDE
BSc 2nd Year, Department of Biotechnology
Bajaj College of Science [Autonomous], Wardha

has successfully completed 15 days
Certificate Course and Internship
on "Computer Aided Drug and Vaccine Design" during 29 January to
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MINISTRY OF MSME, GOVT. OF INDIA

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Mrs. CHAITALI VIJAY AMBADARE
BSc Final Year, Department of Biotechnology
Bajaj College of Science [Autonomous], Wardha

has successfully completed 15 days
Certificate Course and Internship
on "Computer Aided Drug and Vaccine Design" during 29 January to
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Ms. RUCHIKA SANTOSH NIMBALKAR
BSc Final Year, Department of Biotechnology
Bajaj College of Science (Autonomous), Wardha

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on "Computer Aided Drug and Vaccine Design" during 29 January to
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Bajaj College of Science (Autonomous), Wardha

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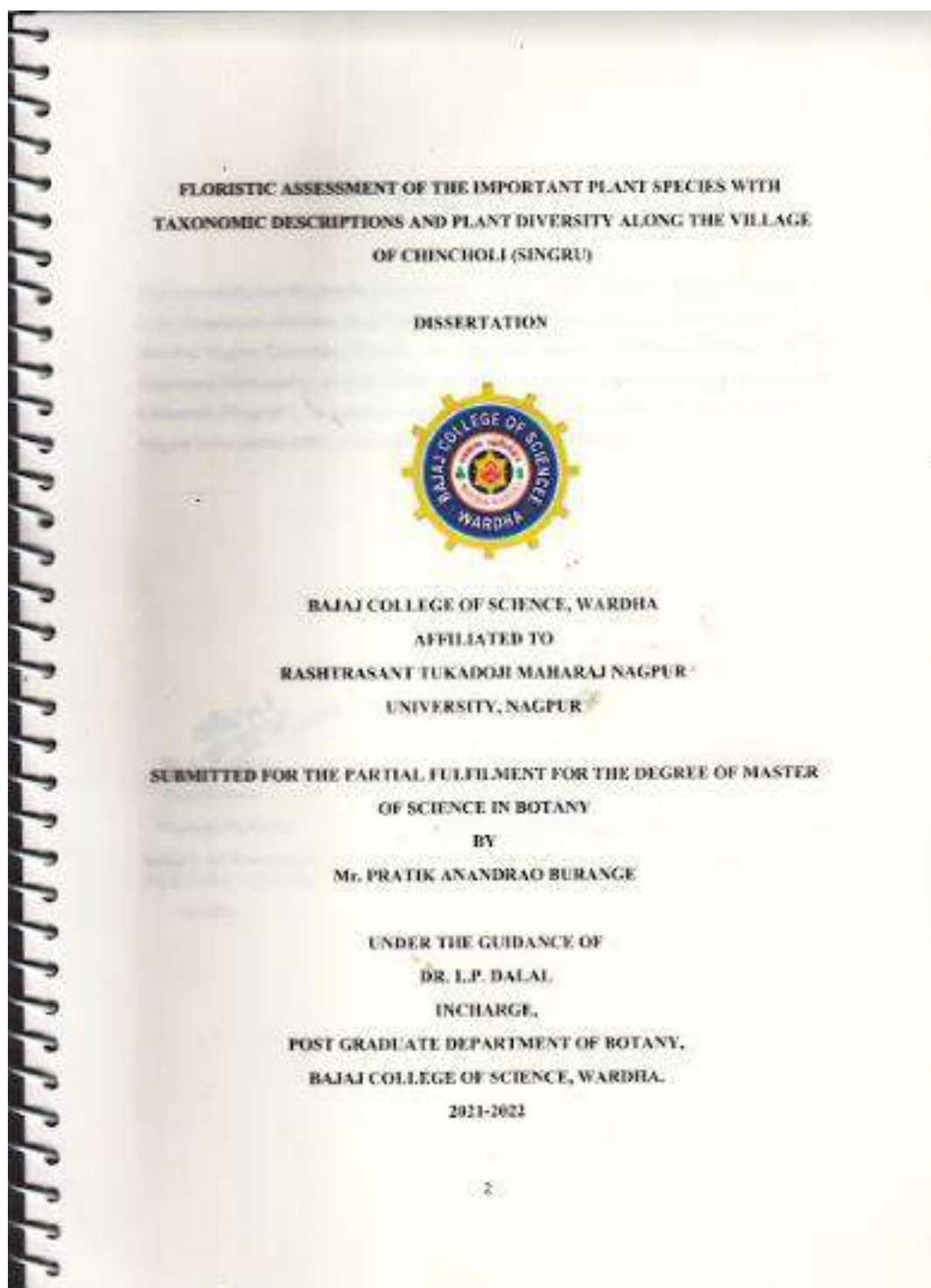
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Documentation of some phylloplane mycoflora of aquatic plants

Submitted For the partial fulfilment for the degree of

MASTER OF SCIENCE IN BOTANY

To

Bajaj College of Science, Wardha (Autonomous)

Affiliated to,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

By

Preeti Dewanand Lohakare

Under the guidance of

Dr. P. F. Dhabarde mam

Post Graduate Department of Botany,

Bajaj College of Science, Wardha



Jamanlal Bajaj Marg, Civil Lines, Wardha -442001 (M.S.) 2021-2022

**Studies on leaf functional trait in leaves of *Ficus*
species differing in leaf life span**

Submitted For the partial fulfillment for the degree of

MASTER OF SCIENCE IN BOTANY

To

Bajaj College of Science, Wardha (Autonomous)

Affiliated to,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

By

Santoshi Bhojraj Zodape

Under the guidance of

Dr. Dhiraj N. Naik



Post Graduate Department of Botany,

Bajaj College of Science, Wardha

Jamanalal Bajaj Marg, Civil Lines, Wardha -442001(M.S.)

2021-2022

**Isolation and Characterization of *Rhizobium* Associated with
Root Nodules of *Cicer arietinum***

Submitted For the partial fulfilment for the degree of
MASTER OF SCIENCE IN BOTANY

To

Bajaj College of Science, Wardha (Autonomous)

Affiliated to,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

By

Swapnil Madhukar Dhokpande

Under the guidance of

Dr. Dhiraj D. Naik

Post Graduate Department of Botany,

Bajaj College of Science, Wardha



Post Graduate Department of Botany,

Bajaj College of Science, Wardha

Jamanafal Bajaj Marg, Civil Lines, Wardha - 442001(M.S.)

2021-2022

**Qualitative and quantitative estimation of phenolics of some wild
fruits from Wardha district**

DISSERTATION

**Submitted For the Partial Fulfilment For the Degree of
MASTER OF SCIENCE IN BOTANY**

To

**Bajaj College of Science (Autonomous), Wardha,
(Affiliated To Rashtrasant Tukadoji Maharaj, Nagpur University)**

Submitted By

Ms. Pooja Ashok Shambharkar

Guided by

Dr. A. A. Maheshwari

Assistant Professor

Department of Botany

Bajaj College of Science, Wardha



Shiksha Mandal

Bajaj College of Science, Wardha

(Autonomous)

NAAC - Reaccredited 'A' Institution (CGPA 3.21)

2021—2022

**To study cytotoxic effect of industrial waste water from Wardha
district by *Allium* test system**

DISSERTATION

Submitted For the Partial Fulfillment For the Degree of

MASTER OF SCIENCE IN BOTANY

To

Bajaj College of Science (Autonomous), Wardha.

(Affiliated To Rashtrasant Tukadoji Maharaj, Nagpur University)

Submitted By

Ms. Utkarsha Chaudhari

Guided By

Dr. A. A. Maheshwari

Assistant Professor

Department of Botany

Bajaj College of Science, Wardha



Shiksha Mandal

Bajaj College of Science, Wardha

(Autonomous)

NAAC - Reaccredited 'A' Institution (CGPA 3.21)

2021—2022

**Study of Anti-oxidant properties of some wild fruits of Wardha
District**

DISSERTATION

**Submitted for the partial fulfilment of for the degree of
MASTER OF SCIENCE IN BOTANY**

To

**Bajaj College of Science (Autonomous), Wardha.
(Affiliated to Rashtrasant Tukadoji Maharaj, Nagpur University)**

Submitted by

Miss. Shital Subhash Mankar

Guided by

Dr. A. A. Maheshwari

Assistant Professor

Department of Botany

Bajaj College of Science, Wardha



Shiksha Mandal:

Bajaj College of Science, Wardha

(Autonomous)

NAAC - Reaccredited 'A' Institution (CGPA 3.21)

2021—2022

**THE STUDY OF A TREES SPECIES IN TERHIL AREA OF HINGANGHAT CITY, DISTRICT WARDHA,
MAHARASHTRA, INDIA**

DISSERTATION



**BAJAJ COLLEGE OF SCIENCE, WARDHA
AFFILIATED TO RASHTRASANTI TOKADOMI MAHARAJ NAGPUR UNIVERSITY, NAGPUR**

**SUBMITTED FOR THE PARTIAL FULFILMENT FOR THE DEGREE OF MASTER OF SCIENCE IN
BOTANY**

**BY
MISS SHITAL SHARADRAO KODAPE**

**UNDER THE GUIDANCE OF
DR. L. P. DALAL,
INCHARGE,
POST GRADUATE DEPARTMENT OF BOTANY, BAJAJ COLLEGE OF
SCIENCE, WARDHA.**

2021-2022

**“Study of Plant diversity of protected region in
Urban area of Wardha City”**

Submitted for the partial fulfilment for degree of
MASTER OF SCIENCE OF BOTANY

To

Bajaj College of Science, Wardha (Autonomous)

Affiliated to,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

By

Miss. Kajal Vijay Tembhurne

Under the guidance of

Dr. Pratibha F. Dhabarde

Dr. Arati Pranjal-Ghuse

Guide

Co-guide

Post Graduate Department of Botany

Post Graduate Department of Botany

Bajaj College of Science, Wardha

Bajaj College of Science, Wardha



Post Graduate Department of Botany

Bajaj College of Science, Wardha

Jamanatal Bajaj Marg, Civil Line's Wardha 442001 (M.S)

2021 to 2022

***Agrobacterium rhizogenes* mediated hairy root transformation
of carrot (*Daucus carota*) and study various factors on callus
induction.**

Submitted For the partial fulfillment for the degree of

MASTER OF SCIENCE IN BOTANY

To

Bajaj College of Science, Wardha (Autonomous)

Affiliated to,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

By

Mansi Ashokrao Kolhe

Under the guidance of

Dr Dhruj D. Naik



Post Graduate Department of Botany,

Bajaj College of Science, Wardha

Janwada Bajaj Marg, Civil Lines, Wardha -442001(M.S.)

2021-2022

**Isolation And Identification Of Fungal Disease on *Triticum aestivum* L.
From Wardha, District**

DISSERTATION

Submitted For the Partial Fulfillment For the Degree of
MASTER OF SCIENCE IN BOTANY

To

Bajaj College of Science (Autonomous), Wardha.
(Affiliated To Rashtrasant Tukadoji Maharaj, Nagpur University)

Submitted By

Miss. NEHA HANUMAN BETAL

Dr. A. A. Maheshwari

Assistant Professor

Department of Botany

Bajaj College of Science, Wardha



Shiksha Mandal

Bajaj College of Science, Wardha

(Autonomous)

NAAC – Reaccredited 'A' Institution

C.G.P.A. – 3.21

2021 - 2022

Exploration, identification and phytochemical screening of some aquatic angiospermic flora from selected sites of wardha district

Submitted For the partial fulfillment for the degree of
MASTER OF SCIENCE IN BOTANY

To

Bajaj College of Science, Wardha (Autonomous)

Affiliated to,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

By

Shivani Vivekanand Dhanule

Under the guidance of

Guide & Co-guide

Dr. Pratibha F. Dhabarde

Dr. Swati N. Kalode

Post Graduate Department of Botany,

Bajaj College of Science, Wardha



Post Graduate Department of Botany,

Bajaj College of Science, Wardha

Jamnadal Bajaj Marg, Civil Lines, Wardha - 442001 (M.S.)

2021-2022

**“Ecological study of tree diversity in Biodiversity
Park of Bajaj College of Science, Wardha”**

Submitted for the partial fulfilment for degree of
MASTER OF SCIENCE OF BOTANY

To

Bajaj College of Science, Wardha (Autonomous)

Affiliated to,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

By

Miss. Shraddha Diliprao Ambarwele

Under the guidance of

Dr. Pratibha F. Dhavarde

Dr. Arati Pranjale-Ghose

Guide

Co-guide

Post Graduate Department of Botany

Post Graduate Department of Botany

Bajaj College of Science, Wardha

Bajaj College of Science, Wardha



Post Graduate Department of Botany

Bajaj College of Science, Wardha

Jamanalal Bajaj Marg, Civil Line's Wardha-442001 (M.S)

2021 to 2022

Bioethanol Production from Napier and Maize

DISSERTATION

Submitted For the Partial Fulfillment For the Degree of

MASTER OF SCIENCE IN BOTANY

To

Bajaj College of Science (Autonomous), Wardha.

(Affiliated To Rashtrasant Tukadoji Maharaj , Nagpur University)

Submitted By

Miss. Mrunal Surjitsingh Bandwal

Guided by

Dr. A. A. Maheshwari

Assistant Professor

Department of Botany

Bajaj College of Science, Wardha



Shiksha Mandal

Bajaj College of Science, Wardha

(Autonomous)

NAAC - Reaccredited 'A' Institution (CGPA 3.21)

2021—2022

**Study of Avenue Tree species at
Lahori Village Tah. Samudrapur, Dist. Wardha
A case study.**

DISSERTATION

**Submitted for the partial fulfillment for the Degree of Master of
Science in Subject (Sem IV) Botany**

**To Autonomous Bajaj college of Science, Wardha
Affiliated To Rashtrasant Tukdoji Maharaj Nagpur University,**



Nagpur.

By

**Miss Arpita Ramdasji Dhakare
M. Sc. Sem IV**

**Under the guidance of
Dr. L.P. DALAL
Associate Professor in Botany
Incharge
UG & PG Department of Botany,
Bajaj college of Science, Wardha,
2021-2022**

**Documentation and taxonomic study on flora of Warud, Tah,
Warud, District Amravati.**

Submitted For the partial fulfillment for the degree of
MASTER OF SCIENCE IN BOTANY

To

Bajaj College of Science, Wardha (Autonomous)

Affiliated to,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

By

Chetan Sanjay Bahurupi

Under the guidance of

Dr. Latchand P. Dalal

Associate Professor

Post Graduate Department of Botany,

Bajaj College of Science, Wardha



Post Graduate Department of Botany,

Bajaj College of Science, Wardha

Jamanlal Bajaj Marg, Civil Lines, Wardha - 442001(M.S.)

2021-2022

**Exploration and Identification of different algal forms from
the selected sites of Wardha.**

Submitted For the partial fulfillment for the degree
of MASTER OF SCIENCE IN BOTANY

To

Bajaj College of Science, Wardha (Autonomous)

Affiliated to,

Rasthrasant Tukadeji Maharaj Nagpur University, Nagpur

By

Vishakha Smiti Alona

Under the guidance of

Guide & Co-guide

Dr. Pratibha F. Dhamburde

Dr. Swati N. Kalode

Post-Graduate Department of

Botany, Bajaj College of Science,

Wardha



Post-Graduate Department of

Botany, Bajaj College of Science,

Wardha

Jyotsnabai Bajaj Marg, Civil Lines, Wardha - 441001(M.S.)

2021-2022

Studies on effect of concentrations of zinc nanoparticles on seed germination and seedling growth of leguminous crop *Cicer arietinum*.

Submitted For the partial fulfillment for the degree of
MASTER OF SCIENCE IN BOTANY

To

Bajaj College of Science, Wardha (Autonomous)

Affiliated to,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

By

Priyanka Tukaresuji Awachure

Under the guidance of

Dr. Dhruv N. Naik

Post Graduate Department of Botany,

Bajaj College of Science, Wardha



Post Graduate Department of Botany,

Bajaj College of Science, Wardha

Jamanlal Bajaj Marg, Civil Lines, Wardha -442001(M.S.)

2021-2022

Development of chitin extraction from crab shells and preparation of chitosan

Submitted for the partial fulfilment for the degree of
Master of Science in Botany

To

Bajaj College of Science, Wardha (Autonomous)

Affiliated to,

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

By

Miss. Pratibha Pralhad Mansulkar

Under the guidance of

Dr. Dhiraj D. Naik

Post Graduate Department of Botany,

Bajaj College of Science, Wardha



Post Graduate Department of Botany,

Bajaj College of Science, Wardha

Jamunalal Bajaj Marg, Civil Lines, Wardha - 441001(M.S)

2021-2022

Certificates of students undertaking field projects/ internships/ student projects during the academic session 2021-22 in M.Sc. Zoology

Bajaj College of Science, Wardha

Autonomous college affiliated to RTMNU,

Nagpur (A Linguistic Minority College)

Reaccredited 'A' Institution (CGPA3.21), NAAC (UGC), Bangalore

College with potential for Excellence, UGC, New Delhi.

A

PROJECT REPORT ON

“Isolation of *Caenorhabditis elegans* from soil sample.”

In the partial fulfillment of the requirement for the degree of

MASTER OF SCIENCE

In ZOOLOGY

(FACULTY OF SCIENCE AND TECHNOLOGY)

Submitted by

Miss Shiwani R. Bhomle

M.Sc.Zoology

Under the Guidance of

Dr. M. Chandrakar

(Head ,Asso.Professor)



P.G.DEPARTMENT OF ZOOLOGY,

Bajaj College of Science,

WARDHA-442001(M.S.) INDIA

2021-22

Shiksha Mandal's

Bajaj College of Science, Wardha

Autonomous college affiliated to RTMNU, Nagpur

(A linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with potential for Excellence, UGC, New Delhi

A

PROJECT REPORT ON

"Study of Zooplanktons in Different River."

In the partial fulfillment of the requirement for the degree of

**MASTER OF SCIENCE
In ZOOLOGY
(FACULTY OF SCIENCE AND TECHNOLOGY)**

Submitted by
Miss. Poonam Pramod Narayane
M.Sc Zoology (Semester-IV)



**P.G. DEPARTMENT OF ZOOLOGY,
BAJAJ COLLEGE OF SCIENCE,
WARDHA- 442001 (M.S.) INDIA
2022-23**

**-Under the Guidance of-
Dr.M.R.Chandrakar
Associate professor and Head of Dept. of Zoology
Bajaj College of Science, Wardha**

**Place of Work
Department of Zoology
Bajaj College of Science, Wardha
2021-22**

Shiksha Mandal's

Bajaj College of Science, Wardha

Autonomous college affiliated to RTMNU, Nagpur

(A linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with potential for Excellence, UGC, New Delhi

A

PROJECT REVIEW ON

“ Vermicomposting of Organic Waste ”

In the partial fulfillment of the requirement for the degree of

MASTER OF SCIENCE

In ZOOLOGY

(FACULTY OF SCIENCE AND TECHNOLOGY)

Submitted by

Miss Vaishnavi R. Thakare

M.Sc. Zoology

(Semester-IV)

Under the Guidance of

Dr. M. Chandrakar

(Head & Asso. Professor)



P.G. DEPARTMENT OF ZOOLOGY,

Bajaj College of Science,

WARDHA – 442001 (M.S.) INDIA

2021-22

Shiksha Mandal's

Bajaj College of Science, Wardha

Autonomous college affiliated to RTMNU, Nagpur

(A linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with potential for Excellence, UGC, New Delhi

A

PROJECT REPORT ON

“ Discernment of bacteria link with earphone used by people”

In the partial fulfillment of the requirement for the degree of

MASTER OF SCIENCE

In ZOOLOGY

(FACULTY OF SCIENCE AND TECHNOLOGY)

Submitted by

Miss Pooja N. Dhote

M.Sc. Zoology

(Semester-IV)

Under the Guidance of

Dr. M. Chandrakar

(Head & Asso. Professor)



P.G. DEPARTMENT OF ZOOLOGY,

Bajaj College of Science,

WARDHA – 442001 (M.S.) INDIA

2021-22

Shiksha Mandal's

BAJAJ COLLEGE OF SCIENCE, WARDHA

(AUTONOMOUS)



M.Sc. project entitled

**“Viability and Activation of Human Lymphocytes in Response to
Hyperglycemic Condition in Culture.”**

Submitted by

KAJAL BHASKARRAO SAKHARKAR

M.Sc. Semester IV

For the award of

Master of Science in Zoology

POST GRADUATE DEPARTMENT OF ZOOLOGY

BAJAJ COLLEGE OF SCIENCE, WARDHA

(Academic year 2021-2022)

ShikshaMandal's
BAJAJ COLLEGE OF SCIENCE, WARDHA
(AUTONOMOUS)



M.Sc Project

**Vermicompost, it's importance and benefits in
Agriculture "*Easenia Fetida*"**

Submitted by

Aboli Mohanrao Kolhe

M.Sc semester IV

For the award of

Master of Science in Zoology

POST GRADUATE DEPARTMENT OF ZOOLOGY
BAJAJ COLLEGE OF SCIENCE, WARDHA
(Academic year 2021-22)

**Shiksha Mandal's
BAJAJ COLLEGE OF SCIENCE, WARDHA
(AUTONOMOUS)**



M.Sc. Project

**Antioxidant (Enzymatic and Non- Enzymatic) of
Review**

Submitted by
Bhumika Raju Chawre

M.Sc. Semester IV

For the award of
Master of Science in Zoology

**POSTGRADUATE DEPARTMENT OF ZOOLOGY
BAJAJ COLLEGE OF SCIENCE, WARDHA
(Academic Year 2021-2022)**

SHIKSHA MANDAL'S
BAJAJ COLLEGE OF SCIENCE , WARDHA
(AUTOMONOUS)



M.Sc. Project
INTRODUCTION GUIDE OF ZOOPLANTON
IDENTIFICATION OF REVIEW

Submitted by
Yamini Diwakarrao Pal
M.Sc. Semester IV

For the award of
Master of Science in Zoology

POST GRADUATE DEPARTMENT OF ZOOLOGY

BAJAJ COLLEGE OF SCIENCE WARDHA

(Academic Year 2021-2022)

Research Article

Diversity of mosquito species in Wardha town in Vidharbha region of Maharashtra state

A project work submitted in accordance for partial fulfillment of
Degree for

**“Master of Science”
In
Zoology**

In the Faculty of Science and Technology
M.Sc Final year
(semester - IV)

Guided By-
Mr. V.P. Khandwekar



Bajaj College of Science,
Wardha

Post Graduation Department of Zoology
Shiksha Mandal's
Bajaj College of Science, Wardha
(Autonomous College)

Rashtrasant Tukdoji Maharaj Nagpur University
2021-2022

“TRAPPING , CULTURE & LIFE CYCLE OF COCKROACHES”

A Project work submitted in accordance for partial fulfillment of
degree for

Master of science

In

Zoology

In the faculty of science and technology

SUBMITTED BY

MISS. NIKITA N. BURANDE

M.Sc. Final year

(Semester-IV)

GUIDED BY

MR. V. P. KHANDWEKAR

(Professor)



Shiksha Mandal's

Bajaj College of Science, Wardha

Autonomous college affiliated to RTMNU,

Nagpur(A linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with potential for Excellence, UGC, New Delhi

A

PROJECT REPORT ON

“ **House Fly Culturing and Transmission of Diseases in Hinganghat Town
in Wardha District** ”

In the partial fulfillment of the requirement for the degree of

MASTER OF SCIENCE

In ZOOLOGY

(FACULTY OF SCIENCE AND TECHNOLOGY)

Submitted by

Miss Pooja D. Dekate

M.Sc. Zoology

(Semester-IV)

Under the Guidance of

Shri V. P. Khandwekar

(Professor)



P.G. DEPARTMENT OF ZOOLOGY,
Bajaj College of Science,
WARDHA – 442001 (M.S.) INDIA
2021-22

Review Article

Dengue – Fight with Bite

**A project work submitted in accordance for
partial fulfillment of Degree for
"Master of Science"**

**In
Zoology
In the Faculty of Science and Technology**

Submitted By

**Miss. Ruchita M. patil
M.Sc Final year
(semester - IV)**

Guided By

Dr. V. J. Sharma



Post Graduation Department of Zoology

Shiksha Mandals

Bajaj College of Science, Wardha

(Autonomous college)

Rashtrasant Tukdoji Maharaj Nagpur University

2021- 2022

Shiksha Mandals

BAJAJ COLLEGE OF SCIENCE, WARDHA
(AUTOMONOUS)



M. Sc Project

In The Fight To Win Against Sickle Cell
Anemia

Submitted by

Dewyani keshavrao Sontakke M.Sc
Semester IV

for the award of
Master of Science in Zoology

POST GRADUATE DEPARTMENT OF
ZOOLOGY BAJAJ COLLEGE OF SCIENCE,
WARDHA

(Academic Year 2021-2022)

Shiksha Mandal's
BAJAJ COLLEGE OF SCIENCE, WARDHA
(AUTONOMOUS)



M.Sc. project

**Plant extract mediated synthesis of ZnO nanoparticles:
Characterization and photocatalytic degradation of
methylene blue dye**

Submitted by

RASIKA GOPALKRUSHNA NANDURKAR

M.Sc. Semester IV

For the award of
Master of Science in Zoology

POST GRADUATE DEPARTMENT OF ZOOLOGY
BAJAJ COLLEGE OF SCIENCE (AUTONOMOUS), WARDHA
(Academic Year 2021– 2022)

Shiksha Mandal's
BAJAJ COLLEGE OF SCIENCE, WARDHA
(AUTONOMOUS)



M.Sc. project

**Green synthesis of ZnO nanoparticles using
Bauhinia racemosa leaf extract: Characterization
and Photocatalytic Degradation of Methylene Blue**

Submitted by

JAYSHREE BHIMRAOJI GIRDE

M.Sc. Semester IV

For the award of

Master of Science in Zoology

POST GRADUATE DEPARTMENT OF ZOOLOGY
BAJAJ COLLEGE OF SCIENCE (AUTONOMOUS), WARDHA
(Academic Year 2021– 2022)

ShikshaMandal's
BAJAJ COLLEGE OF SCIENCE, WARDHA
(AUTOMONOUS)



M.Sc. project

**Solar Photocatalytic Degradation of Methylene Blue
by Green synthesized ZnO Nanoparticles**

Submitted by

PRANITA VINODRAO MATHANKAR

M.Sc. Semester IV

For the award of

Master of Science in Zoology

POST GRADUATE DEPARTMENT OF ZOOLOGY
BAJAJ COLLEGE OF SCIENCE (AUTONOMOUS), WARDHA
(Academic Year 2021– 2022)

ShikshaMandal's
BAJAJ COLLEGE OF SCIENCE, WARDHA
(AUTONOMOUS)



M.Sc. project

**Effect of EDTA and various chemicals on
melanophore displacement in fish**

Submitted by

MAHESHWARI DNYANESHWAR MUNNE

M.Sc. Semester IV

For the award of

Master of Science in Zoology

POST GRADUATE DEPARTMENT OF ZOOLOGY
BAJAJ COLLEGE OF SCIENCE (AUTONOMOUS), WARDHA
(Academic Year 2021– 2022)

Shiksha Mandal's

Bajaj College of Science, Wardha

Autonomous college affiliated to RTMNU,

Nagpur(A linguistic Minority College)

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with potential for Excellence, UGC, New Delhi

A

PROJECT REPORT ON

"Isolation and identification of soil bacteria from different regions of Nagpur District"

In the partial fulfillment of the requirement for the degree of

MASTER OF SCIENCE

In Zoology

(FACULTY OF SCIENCE AND TECHNOLOGY)

Submitted by

Miss Priyanka H. Ghuse

M.Sc. Zoology (Semester-IV)

Under the Guidance of

Miss R. Lonkar

(Assistant Professor)



P.G. DEPARTMENT OF ZOOLOGY
Bajaj College of Science,
WARDHA – 442001 (M.S.) INDIA
2021-22

Shiksha Mandal's
BAJAJ COLLEGE OF SCIENCE WARDHA
Autonomous College affiliated to RTMNU, Nagpur
(A Linguistic Minority College)
Reaccredited 'A' institution (CGPA-3.21), NAAC (UGC), Bangalore
College with potential for excellence, UGC, New Delhi

A
PROJECT REPORT ON

**"STUDY OF BIODIVERSITY OF ANIMALS
IN BHANDARA DISTRICT**

In the partial fulfillment of the requirement for the degree of
**MASTER OF SCIENCE
IN ZOOLOGY**
(FACULTY OF SCIENCE AND TECHNOLOGY)

Submitted by
Shital K. Yerne
M.Sc. II (Semester IV) Zoology

Under the guidance of
Ms. Rewati Lonkar
(Assistant Professor)



**P.G. DEPARTMENT OF ZOOLOGY
BAJAJ COLLEGE OF SCIENCE,
WARDHA -442001 (M.S.) INDIA**

2021-2022

Shiksha Mandal's
BAJAJ COLLEGE OF SCIENCE, WARDHA
(AUTONOMOUS)



M.Sc. Project

'protein and glucose content in muscles of fresh water fish -*Cirrhinus mrigala* (mrigal carp): qualitative study'

Submitted by
Pratiksha Kishorrao Kharde
M.Sc. Semester IV

For the award of
Master of Science in Zoology

POST GRADUATE DIPARTMENT OF ZOOLOGY
BAJAJ COLLEGE OF SCIENCE, WARDHA
(Academic Year 2021-2022)

Shiksha Mandal's
BAJAJ COLLEGE OF SCIENCE, WARDHA
(AUTOMONOUS)



M.Sc. project

**Protein and Glucose content in muscles of freshwater teleost fish *Catla catla* :
As Qualitative study**

Submitted by

Chetana Natthuji Bahure

M.Sc. Semester IV

For the award of

Master of Science in Zoology

POST GRADUATE DEPARTMENT OF ZOOLOGY

BAJAJ COLLEGE OF SCIENCE, WARDHA

(Academic Year 2021-2022)

Shiksha Mandal's

BAJAJ COLLEGE OF SCIENCE, WARDHA

(AUTONOMOUS)



M.SC PROJECT

***Protein And Glucose Content In Muscles Of Fish Rohu
(Labeo rohita): As Qualitative Study***

Submitted by

Pratiksha Suresh Daronde

M.SC Semester IV

for the award Of

Master Of Science In Zoology

POST GRADUATE DEPARTMENT OF ZOOLOGY

BAJAJ COLLEGE OF SCIENCE , WARDHA

(ACADEMIC YEAR 2021-2022)

Certificates of students undertaking field projects/ internships/ student projects during the academic session 2021-22 in M.Sc. Microbiology


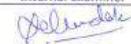
महाविद्यालयाचे नाव- बजाज विज्ञान महाविद्यालय, वर्धा.
अभ्यासक्रमाचे नाव- मायक्रोबायोलॉजी

विद्याशाखा- विज्ञान

2021-22 Desertation M.Sc. II Semester IV Microbiology

अ. क्र.	विद्यार्थ्याचे नाव	विद्यार्थ्यांनी नियोजलेल्या विषयाचे आराखडेचे नाव	संयोजक प्रबंध विद्यापीठ मान्यताप्राप्त पदव्युत्तर शिक्षकाचे नाव	पदव्युत्तर शिक्षक/पी.एच.डी. मार्गदर्शक असल्याबाबत महाविद्यालयीन शाखेचे पत्र क्र.	अभिप्राय
1	RAKSHANDA KHAN ASLAMKHAN PATHAN	Identification and characterisation of UTI pathogens procured from MGIMS, Sewagram & its antibacterial activity against some medicinal plants.	Dr. S. S. Khandare	क. म. वि. वि./2018. 19/शिमा/ व / 675	
2	AACHAL DNYANESHWAR HADKE	A review on Biosurfactants Production from <i>P. Aeruginosa</i> and <i>B. Subtilis</i> and its application	Dr. S. S. Khandare	क. म. वि. वि./2018. 19/शिमा/ व / 675	
3	SONALI NILKANTH HETE	Studies on phytochemical analysis of Neem, Tulsi, Jambhul and their antimicrobial activity.	Dr. S. S. Khandare	क. म. वि. वि./2018. 19/शिमा/ व / 675	
4	KOMAL RAVINDRA JUMDE	To study Microbial contamination of cut & exposed onion	Dr. U. A. Malode		
5	DIKSHA INDRAJIT DAWALE	Studies on phytochemical analysis of Nilgiri, Peru, Methi and its antimicrobial activity.	Dr. S. S. Khandare	क. म. वि. वि./2018. 19/शिमा/ व / 675	
6	SHRUTI NAGDRAO LOKHANDE	Production of amylase from <i>B. Subtilis</i> isolated from soil	Dr. U. A. Malode		
7	SHUBHAM EKNATH CHOLE	Studies on biodegradation of diesel oil.	Dr. S. S. Khandare	क. म. वि. वि./2018. 19/शिमा/ व / 675	
8	KAMINI KISHOR BHOGE	To check antibacterial activity of dye isolated from some plant parts.	Dr. S. S. Khandare	क. म. वि. वि./2018. 19/शिमा/ व / 675	
9	AISHWARYA KISHORRAO CHARODE	Isolation & identification of bacteria from different wards of hospitals (Gynecology & Pathology)	Dr. U. A. Malode		
10	PRANJLI RAMESH KEWATE	To check the microbial flora of Gynecology department of private hospital and Mahatma Gandhi Institute of Medical Sciences (MGIMS) Sewagram.	Dr. U. A. Malode		
11	DIPALI BABANRAO HINGE	Comparitive Study on antibacterial effect of red, green and white onion.	Dr. S. S. Khandare	क. म. वि. वि./2018. 19/शिमा/ व / 675	

12	ROHINI SANTOSH KARAMORE	Product, of Alcohol from different fruits peels.	Dr. U. A. Malode		
13	PAYAL GAJANAN KANER	Antibacterial activity of <i>Tridax procumbens</i> .	Dr. S. S. Khandare		
14	PRAGATI PRAMOD BABHULKAR	A review on enhance safety of sprouts.	Dr. U. A. Malode		
15	SNEHAL LEKRAM MENDHE	Efficiency of cow urine as plant growth enhancer and antifungal agent.	Dr. S. S. Khandare	क. म. वि. वि./2018. 19/शिमा/ व / 675	
16	DNYANESHWAR PRAKASH MANMODE	Production of wine from pineapple.	Dr. S. S. Khandare	क. म. वि. वि./2018. 19/शिमा/ व / 675	
17	PRATIKSHA PRAKASHRAO DESHMUKH	Green synthesis of copper nanoparticles from on extract of spirulina.	Dr. U. A. Malode		
18	PRAGATI SHAMRAO MADAVI	Ethanol production -Microbial fermentation from molasses.	Dr. U. A. Malode		
19	VAIBHAV PRAKASH MANMODE	Green synthesis of silver nanoparticles from an extract of spirulina.	Dr. U. A. Malode		
20	AKASH VASANTRAO KAKADE	Original review article on diabetic patients and non- diabetic patients (Comparative study)	Dr. U. A. Malode		
21	LIKHITA SANJAY MULEY	Standardization of process for isolation and estimation of protein from slaughter house waste water	Dr. U. A. Malode		
22	SHIVANI SANDIP KAWADE	Investigation of adulterants in milk from Wardha city.	Dr. S. S. Khandare	क. म. वि. वि./2018. 19/शिमा/ व / 675	
23	TEJASHRI PALASRAMJI SONTAKKE	Phytochemical Analysis of Papaya leaf extract and antimicrobial activity.	Dr. U. A. Malode		
24	TRIKAL GAJANAN SUKARE	Studies on Green synthesis of Silver Nanoparticle using Papaya seeds, its characterisation and antimicrobial activity.	Dr. S. S. Khandare	क. म. वि. वि./2018. 19/शिमा/ व / 675	
25	ISHA ARUN DESHMUKH	Identification and characterisation of UTI pathogens procured from MGIMS, Sewagram & its antibacterial activity against some medicinal plants.	Dr. S. S. Khandare	क. म. वि. वि./2018. 19/शिमा/ व / 675	
26	DARSHANA MURLIDHAR GHATURLE	Phage therapy an alternative to antibiotics effective against multidrug resistance - A review	Dr. U. A. Malode		

Date of Practical Exam :-	External Examiner	Internal Examiner
07-07-2022	 Prof. Vijay Charde Name & Signature	 Dr. S. S. Khandare Name & Signature

Certificates of students undertaking field projects/ internships/ student projects during the academic session 2021-22 in B.Sc. Microbiology

Shiksha Mandals
Bajaj College of Science, Wardha (Autonomous)
Department of Microbiology

List of Students for Group Project B.Sc. II Year Microbiology
(2021-22)

Sr. No.	Name of the students	Name of the Topic	Name of the Supervisor
1	Sanskriti Shukla	Study of Antimicrobial Potential of some Traditional Plants	Dr. B.V. Mohite
2	Punam Paliwal		
3	Nikita Telrandhe		
4	Chetana Thakare		
5	Pallavi Jamane		
6	Sanyukta Shukla		
7	Pranav Ghawghawe		
8	Shraddha Bokade		
9	Simran Thool		
10	Rutuja Dhange		

for [Signature]

HOD
Microbiology
Bajaj College of Science, Wardha (Autonomous)

Shiksha Mandals
Bajaj College of Science, Wardha (Autonomous)
Department of Microbiology

List of Students for Group Project B.Sc. III Year Microbiology
(2021-22)

Sr. No.	Name of the students	Name of the Topic	Name of the Supervisor
1	Mansi Tupate	Bioencapsulation of PGPB To Enhance Tomato Plant Growth	Dr. S. S. Khandare and M.G. Ingale
2	Jayati Yadav		
3	Srushti Puranik		

for [Signature]

HOD
Microbiology
Bajaj College of Science, Wardha (Autonomous)

Certificates of students undertaking field projects/ internships/ student projects during
the academic session 2021-22 in Clinical Laboratory Techniques

ShikshaMandal's
Bajaj College of Science, Wardha (Autonomous)
Department of Microbiology
Certificate Course in Clinical Laboratory Technology
Session 2021-22

Sr. No.	Name of the Admitted Students	Place of Internship	Name of Supervisor
1.	Ku. Tejaswini S. Wadhe	Kamala Pathology Laboratory, Wardha	Dr. Sunil Mahajan MBBS, MD (Pathology)
2.	Ku. Gunjan A. Kakde	Rashi Diagnostic Center, Wardha	Dr. Amol Thakre MD (Pathology)
3.	Ku. Kunti S. Tijare		
4.	Ku. Aishwarya D. Chandaokhede		
5.	Ku. Lina V. Pal		
6.	Ku. Abha S. Karale		
7.	Ku. Angha V. Makode	Shree Pathology, Paratwada	Dr. Sunil Mahajan (Chitrakar) M.B.B.S, DPH (Pathology)
8.	Shri. Aniket R. Vitalkar	Rashi Diagnostic Center, Wardha	Dr. Amol Thakre MD (Pathology)
9.	Ku. Sanskruti M. Shukla	Rashi Diagnostic Center, Wardha	Dr. Amol Thakre MD (Pathology)
10.	Ku. Nikita D. Telrandhe		
11.	Ku. Rutuja V. Dhange		
12.	Ku. Shivani B. Chaudhary	Kamala Pathology Laboratory, Wardha	Dr. Sunil Mahajan MBBS, MD (Pathology)
13.	Ku. Aachal V. Chambare		
14.	Shri. Aditya M. Kewate	Cottage Hospital, Hinganghat	Dr. Ajay Thakre M.D. Pathology
15.	Ku. Tejas M. Tadas	Amey Pathology, Wardha	Dr. Jayant Makarnde MBBS, MD (Pathology)
16.	Ku. Renuka H. Choudhari	Kamala Pathology Laboratory, Wardha	Dr. Sunil Mahajan MBBS, MD (Pathology)
17.	Ku. Anshuli S. Fakat	ABSENT	ABSENT
18.	Ku. Sanjana S. Sathawane	Amey Pathology, Wardha	Dr. Jayant Makarnde MBBS, MD (Pathology)
19.	Ku. Kshushbu R. Kavre	Rashi Diagnostic Center, Wardha	Dr. Amol Thakre MD (Pathology)
20.	Shri. Dilip A. Raghavan	Jain Pathology Laboratory & Diagnostic Center, Wardha	Dr. Aruna A. Jain M.D (Consulting Pathologist)
21.	Ku. Savi D. Ramteke	Kamala Pathology Laboratory, Wardha	Dr. Sunil Mahajan MBBS, MD (Pathology)
22.	Ku. Shiwani P. Kawade	Kamala Pathology Laboratory, Wardha	Dr. Sunil Mahajan MBBS, MD (Pathology)
23.	Ku. Kajal S. Soni	Rashi Diagnostic Center, Wardha	Dr. Amol Thakre MD (Pathology)
24.	Ku. Jidnyasa P. Belkhede	Radha Pathology, Wardha	Dr. Tejaswri R. Sarode

			M.B.B.S. DPB. Mumbai
25.	Ku. Likhita S. Muley	Chandak's Computerised Clinical Laboratory, Nagpur	Shirish N. Chandak D.M.L.T., B.Sc. (MLT), D.N.Y.S.
26.	Ku. Rakshanda A. Pathan	Health Care Pathology, Hinganghat	Dr. Deepas. Patil M.B.B.S. MD Pathology


 Dr. Ulka Malode-Bidwai
 Co-ordinator, Clinical Laboratory Technology
 Bajaj College of Science, Wardha