



Progressive Education Society's Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16

CERTIFICATE

This is to certify that Mr./Miss: Pranali Swaminath Jadhav.

of Class TYBA History (Spl-3) Applied History, Seat No.221032176

has submitted the project titled: Alutedar

as prescribed by the

Savitribai Phule Pune University for the academic year 2022- 2023.

Teacher in- Charge

Dr.gunjan garud

Head of Department

parale







Savitribal Phule Pune University साविजीबाई कुले पुणे विद्यापीठ



Progressive Education Society's

Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16

CERTIFICATE

This is to certify that Mr./Miss - Murumkar Avinash Dnyaneshwar of Class TYBA History (Spl-3)Applied History,

Seat No.221032162

Has submitted the project titled - Importance of Modi Script in History

as prescribed by the

Savitribai Phule Pune University for the academic year 2022- 2023.

Teacher in- Charge

Head of Department









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CERTIFICATE

This is to certify that Mr. Arjun Dattatray Wakode of Class TYBA History (Spl-3) Applied History, Seat No. 221032168 has submitted the project titled MARDANI KHEL IN PERIOD OF MARATHAS

as prescribed by the

Savitribai Phule Pune University for the academic year 2022-2023.

Teacher in- Charge

Head of Department









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Pune-16

CERTIFICATE

This is to certify that Mr./Miss__Sadhyarani Shivaji Gaikwad_
of Class TYBA History (Spl-3)Applied History, Seat No._221032172_
has submitted the project titled__ कोरोना काळात घरकाम करणाऱ्या
महिलांची परिस्तिथी

(Life of housemaid woman's during covid-19)

as prescribed by the

Savitribai Phule Pune University for the academic year 2022- 2023.

Teacher in- Charge

Head of Department









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Modern College of Arts, Science and Commerce,

Ganeshkhind, Pune-16

CERTIFICATE

This is to certify that Mr./Miss **Kavita Uttamrav Nikam** of Class **TYBA History (Spl-3)Applied History**,Seat No.221032171

has submitted the project titled_ marriage rites as prescribed by the

Savitribai Phule Pune University for the academic year 2022- 2023.

Head of Department

Teacher in- Charge

Dr. Gunjan Garud

too









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CERTIFICATE

This is to certify that Mr./Miss Sanskuti · C. Dhumal of Class TYBA History (Spl-3) Applied History, Seat No. 221033309 has submitted the project titled Folk Dance

as prescribed by the

Savitribai Phule Pune University for the academic year 2022- 2023.

Teacher in- Charge

Head of Department









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Pune-16

CERTIFICATE

This is to certify that Mr./Miss_Shivaji Angadrao Jadhav_
of Class TYBA History (Spl-3)Applied History, Seat
No.__221033356____

has submitted the project titled_Ajanta_Caves

as prescribed by the

Savitribai Phule Pune University for the academic year 2022- 2023.

Teacher in- Charge

Signature of the Examiner

Head of Department









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Science, Ganeshkhind, Pune – 16

CERTIFICATE

This is to certify that Mr./Miss. Vanshika Gangasagar Agrahari
Of Class TYBA History (DSE -3) Applied History Seat No. 221033428
has submitted the project titled 'Weapons used in Peshwa
Period'.

as prescribed by the

Savitribai Phule Pune University for the academic year 2022-2023.

Teacher in- Charge

3

Head of Department









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Pune-16

CERTIFICATE

This is to certify that Mr./Miss_Prathamesh Shilavant Ravaji_
of Class TYBA History (Spl-3)Applied History, Seat No. 221033416
has submitted the project titled_Glorious Chola Empire_

as prescribed by the

Savitribai Phule Pune University for the academic year 2022-2023.

Teacher in- Charge

Head of Department









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CERTIFICATE

This is to certify that Mr./Miss-Bhujbal Om Rohidas of Class TYBA History (Spl-3) Applied History, Seat No. 22 | 0 3 3 4 3 | has submitted the project titled Ranjangaon Ganpati

as prescribed by the

Savitribai Phule Pune University for the academic year 2022-2023.

Teacher in-Charge

Head of Department







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Fax: 020 25650931

e-mail: moderncollege16@gmail.com Website: www.moderncollegegk.org

CERTIFICATE

This is to certify that, Ms. Ahilya Vijaykumar Kadam of M.Sc. II Organic Chemistry has worked on the project entitled, "Synthesis of heterocyclic compounds by using metal catalyst." at the Department of Chemistry Modern College, Ganeshkhind, Pune-16 under the supervision of Dr. Madhuri Kulkarni and Mrs. Ketaki Kedar Saravate for the partial fulfilment of the degree of Master of Science in Chemistry during the tenure of six months.

Project Guide

Head

immi

Dept. of Chemistry,
PES's Modern College of Arts,
Science & Commerce,

Baneshkhind, Pune - 53.

Internal Examiner

External Examiner





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e-mail: moderncollege16@gmail c

Website: www.moderncollegegk.or

CERTIFICATE

This is to certify that, Mr. Shailesh Balu Shete of M.Sc. II Organic Chemistry has worked on the project entitled, "Green Synthesis of pyrazole by using mixed metal oxides." at the Department of Chemistry Modern College, Ganeshkhind, Pune-16 under the supervision of Dr. Madhuri Kulkarni and Mrs. Ketaki Kedar Saravate for the partial fulfilment of the degree of Master of Science in Chemistry during the tenure of six months.

Project Guide

Head Dept. of Chemistry,
PES's Modern College of Arts,
Science & Commerce,
Ganeshkhind, Pune - 53.

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External Examiner

marci

Internal Examiner





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Website: www.moderncollegegk.org

CERTIFICATE

This is to certify that, Mr. Manohar Tulshiram Suryavanshi of M.Sc. II Organic Chemistry has worked on the project entitled, "Synthesis of pyrazoles by using metal catalyst. ." at the Department of Chemistry Modern College, Ganeshkhind, Pune-16 under the supervision of Dr. Madhuri Kulkarni and Mrs. Ketaki Kedar Saravate for the partial fulfilment of the degree of Master of Science in Chemistry during the tenure of six months.

Project Guide

Head.

Dept. of Chemistry. PES's Modern College of Arts.

Clience & Commerce.

G.meshkhind, Pune - 53.

Internal Examiner

External Examiner





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Fax: 020 25650931

e-mail: moderncollege16@gmail.com Wehsite: www.moderncollegegk.org

CERTIFICATE

This is to certify that, Ms. Komal Ramesh Rakshe of M.Sc. II Organic Chemistry has worked on the project entitled, "Mixed metal oxide catalysed synthesis of substituted pyrazoles. ." at the Department of Chemistry Modern College, Ganeshkhind, Pune-16 under the supervision of Dr. Madhuri Kulkarni and Mrs. Ketaki Kedar Saravate for the partial fulfilment of the degree of Master of Science in Chemistry during the tenure of six months.

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Head -

Head, Dept. of Chemistry, PES's Modern College of Arts, Science & Commerce. Ganeshkhind, Pune - 53.

Internal Examiner

External Examiner





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CERTIFICATE

This is to certify that, Ms. Makhar Pranjal Ramdas of M.Sc. II Organic Chemistry has worked on the project entitled, "Synthesis and application of mixed metal oxide catalyst for Knoevenagel Condensation under solvent free conditions." at the Department of Chemistry Modern College, Ganeshkhind, Pune-16 under the supervision of Dr. Madhuri Kulkarni, Mrs. Revati Nagarkar, Dr. Rucha Purandare for the partial fulfilment of the degree of Master of Science in Chemistry during the tenure of six months.

Project Guide

Head of Department

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Head,
Dept. of Chemistry,
PES's Modern College of Arts,
Science & Commerce,
Ganeshkhind, Pune - 53.

Internal Examiner

External Examiner

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CERTIFICATE

This is to certify that, Ms. Shinde Samiksha Sanjay of M.Sc. II Organic Chemistry has worked on the project entitled, "Synthesis and application of mixed metal oxide catalyst for Knoevenagel Condensation under solvent free conditions." at the Department of Chemistry Modern College, Ganeshkhind, Pune-16 under the supervision of Dr. Madhuri Kulkarni, Mrs. Revati Nagarkar, Dr. Rucha Purandare for the partial fulfilment of the degree of Master of Science in Chemistry during the tenure of six months.

Project Guide

Head of Department

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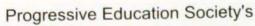
Head, Dept. of Chemistry, PES's Modern College of Arts, Science & Commerce, Ganeshkhind, Pune - 53.

Internal Examiner

External Examiner

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CERTIFICATE

This is to certify that the work incorporated in this project entitled 'Formulation of Biofertilizer from the Rhizospheric Isolates of banana and spinach plants' for the partial fulfillment of the requirement for the award of Degree 'Masters of Science in Microbiology', has been carried out by 'Shreeya S. Sontakke' from Department of Microbiology, at the 'Department of Microbiology, Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16, under my guidance. The candidate will not publish the results either as abstract or manuscript without the consent of the guide.

Freha Ogale Mrs. Sneha Ogale Project Guide

Dr. Neelima Kulkarni Head of Department

HEAD

Department of Microbiology
PES's Modern College of Arts, Science
& Commerce, Ganeshkhind, Pune-16.





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CERTIFICATE

This is to certify that the work incorporated in this project entitled 'Isolation, Purification and Screening of Endophytes of Origanum majorana (Marwa) for their Plant Growth Promoting Properties and Potential Use as Biofertilizer' for the partial fulfillment of the requirement for the award of Degree 'Masters of Science in Microbiology', has been carried out by 'Sujala D. Kulkarni' from Department of Microbiology, at the 'Department of Microbiology, Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16, under my guidance. The candidate will not publish the results either as abstract or manuscript without the consent of the guide.

Lucha Ogale

Mrs. Sneha Ogale Project Guide Dr. Neelima Kulkarni Head of Department

Department of Microbiology
PES's Modern College of Arts, Science
& Commerce, Ganeshkhind, Pune-16.





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CERTIFICATE

This is to certify that the work incorporated in this project entitled 'Isolation and Identification of Endophyte from Medicinal plants and studies on their Phytochemical and Antimicrobial activity' for the partial fulfillment of the requirement for the award of Degree 'Masters of Science in Microbiology', has been carried out by 'Pranali Prakash Girigosavi and Sakshi Satish Awathe' from Department of Microbiology, at the 'Department of Microbiology, Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16, under my guidance. The candidate will not publish the results either as abstract or manuscript without the consent of the guide.

Dr. Neelima Kulkarni Project Guide Dr. Neelima Kulkarni Head of Department



HEAD
Department of Microbiology
PES's Modern College of Arts, Science
& Commerce, Ganeshkhind, Pune-16.



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e-mail: moderncollege15@gmail.com Website: www.moderncollegegk.org

CERTIFICATE

This is to certify that the work incorporated in this project entitled 'Isolation and Identification of Endophyte from Medicinal plants and studies on their Phytochemical and Antimicrobial activity' for the partial fulfillment of the requirement for the award of Degree 'Masters of Science in Microbiology', has been carried out by 'Pranali Prakash Girigosavi and Sakshi Satish Awathe' from Department of Microbiology, at the 'Department of Microbiology, Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16, under my guidance. The candidate will not publish the results either as abstract or manuscript without the consent of the guide.

Dr. Neelima Kulkarni Project Guide Dr. Neelima Kulkarni Head of Department



HEAD
Department of Microbiology
PES's Modern College of Arts, Science
& Commerce, Ganeshkhind, Pune-16.



SYNTHESIS OF EFFICIENT CATALYST FOR KNOEVENAGEL CONDENSATION OF ALDEHYDES WITH MALONONITRILE UNDER SOLVENT FREE CONDITIONS

Presented By

Kadam Nikhil Sanjiv

M.Sc. 2nd (Organic Chemistry)

A Project report submitted to:

P.E.S's Modern College Of Arts, Science And Commerce

Ganeshkhind, Pune-16

Department Of Chemistry

Under Guidance Of

Mrs. Revati Nagarkar

Dr. Mohini Gupte

Dr. Rucha Purandare

Dr. Madhuri Kulkarni





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CERTIFICATE

This is to certify that, Mr. Kadam Nikhil Sanjiv of M.Sc. II Organic Chemistry has worked on the project entitled, "Synthesis of efficient catalyst for Knoevenagel Condensation of aldehydes with malononitrile under solvent free conditions." at the Department of Chemistry Modern College, Ganeshkhind, Pune-16 under the supervision of Dr. Madhuri Kulkarni, Mrs. Revati Nagarkar, Dr. Mohini Gupte for the partial fulfilment of the degree of Master of Science in Chemistry during the tenure of six months.

Project Guide

Head of Department, Dept. of Chemistry.

PES's Modern College c A

Science & Commercia,

Ganeshkhind, Pune - 52

Internal Examiner

External Examiner





SYNTHESIS OF EFFICIENT CATALYST FOR KNOEVENAGEL CONDENSATION OF ALDEHYDES WITH MALONONITRILE UNDER SOLVENT FREE CONDITIONS

Presented By

Kadam Nikhil Sanjiv

M.Sc. 2nd (Organic Chemistry)

A Project report submitted to:

P.E.S's Modern College Of Arts, Science And Commerce

Ganeshkhind, Pune-16

Department Of Chemistry

Under Guidance Of

Mrs. Revati Nagarkar

Dr. Mohini Gupte

Dr. Rucha Purandare

Dr. Madhuri Kulkarni





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Project Guide

Head of Department. Dept. of Chemistry.

PES's Modern College C A

Science & Comments, Ganeshkhind, Pune - 52

Internal Examiner

External Examiner





SYNTHESIS OF EFFICIENT CATALYST FOR KNOEVENAGEL CONDENSATION OF ALDEHYDES WITH MALONONITRILE UNDER SOLVENT FREE CONDITIONS

Presented By

Pachkawade Achyut Balasaheb

M.Sc. 2nd (Organic Chemistry)

A Project report submitted to:

P.E.S's Modern College Of Arts, Science And Commerce

Ganeshkhind, Pune-16

Department Of Chemistry

Under Guidance Of

Mrs. Revati Nagarkar

Dr. Mohini Gupte

Dr. Rucha Purandare

Dr. Madhuri Kulkarni





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CERTIFICATE

This is to certify that, Mr. Pachkawade Achyut Balasaheb of M.Sc. II Organic Chemistry has worked on the project entitled, "Synthesis of efficient catalyst for Knoevenagel Condensation of aldehydes with malononitrile under solvent free conditions." at the Department of Chemistry Modern College, Ganeshkhind, Pune-16 under the supervision of Dr. Madhuri Kulkarni, Mrs. Revati Nagarkar, Dr. Mohini Gupte for the partial fulfilment of the degree of Master of Science in Chemistry during the tenure of six months.

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Internal Examiner

External Examiner





SYNTHESIS OF EFFICIENT CATALYST FOR KNOEVENAGEL CONDENSATION OF ALDEHYDES WITH MALONONITRILE UNDER SOLVENT FREE CONDITIONS

Presented By

Pachkawade Achyut Balasaheb

M.Sc. 2nd (Organic Chemistry)

A Project report submitted to:

P.E.S's Modern College Of Arts, Science And Commerce

Ganeshkhind, Pune-16

Department Of Chemistry

Under Guidance Of

Mrs. Revati Nagarkar

Dr. Mohini Gupte

Dr. Rucha Purandare

Dr. Madhuri Kulkarni





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Project Guide

Internal Examiner

External Examiner



Certified that the work incorporated in the dissertation/thesis "Psychological Perspectives in Performing Arts "submitted by Ms.Manvita Jadhav was carried out by the candidate under my supervision/guidance. I declare that this thesis is her original contribution and I recommend that this project work is fit to be evaluated for the partial fulfilment of "Masters inclinicalPsychology" in the Department of Psychology, Modern College Ganeshkhind Autonomous Pune 16

Date: 27/1/2023

Dr. Sadhna Natu

MS. Nirja Ingale

Supervisor AN



CERTIFICATE OF THE GUIDE

This is to certify that the work incorporated in the dissertation/thesis <u>A Study Exploring the Concept of Space in Relationship Between Parents and Young Adults, submitted by Ms. Vedija Phalle, was carried out by the candidate under my supervision/guidance. Such material has been obtained from other sources and has been duly acknowledged in the dissertation/thesis.</u>

Past. Nashome Crasto

Date: 27/01/23

Place: Pune

Dr. Sadhna Natu

Associate Professor and Head,

Department of Psychology,

Modern College Ganeshkhind



Certified that the work incorporated in the dissertation/thesis "PSYCHOLOGICAL PERSPECTIVE IN OFFLINE SHOPPING" submitted by Ms. PRITI RAJENDRA KAMBLE was carried out by the candidate under my supervision/guidance. I declare that this thesis is her original contribution and I recommend that this project work is fit to be evaluated for the partial fulfilment of "Masters in Industrial/Organizational Psychology" in the Department of Psychology, Modern College of Arts, Science and Commerce, Ganeshkhind Pune.

Date: 27/01/2023

I would like to thank all the participants who have cooperated with me and had patience to support and help me carry out my research study. Their time and effort for this study is highly appreciated. I would also like to give my sincere gratitude to my parents and all the friends who filled in the survey, without which this

Dr. SADHANA NATU

Head of Department, Psychology (Supervisor / Research Guide)



This is to certify that the work incorporated in the dissertation /thesis "(Motivation of UPSC/MPSC aspirants)", submitted by Ms. Bhakti Rajhans, was carried out by the candidate under my supervision/guidance. Such material has been obtained from other sources and has been fully acknowledged in the dissertation/thesis.

Do Sadhana Natu HOD, Psychology

Nashome Crasto

Supervisor/ Research Guide

Department of Psychology,

Modern College Ganeshkhind,

Savitribai Phule Pune University

Date: 27/1/23

Place: Pune

Certified that the work incorporated in the dissertation/ thesis 'Social Isolation And Loneliness In Older Adults': submitted by Ms. Neha Kolhatkar was carried out by the candidate under my supervision/guidance. Such material has been obtained from other other sources and has been duly acknowledged in the dissertation/ thesis.

Dr. Sadhana Natu

Associate Professor and Head,

Department of Psychology,

Modern College Ganeshkhind,

Savitribai Phule Pune University

Monte Chip of Ass, Same Connect Control of The Chip

Date: 27/1/23

Place: Pune support and help up early out my rescarch study. Their time and effort for the



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- DST-FIST sponsored college
- STAR College Scheme sponsored by DBT

Tel.: 020-25634021, 25631091

Fax: 020 25650931

e-mail: moderncollege16@gmail.com Website: www.moderncollegegk.org

CERTIFICATE

This is to certify that seven students from MA Part II Department of Psychology, Modern College, Ganeshkind visited Tapas Elder Care for the duration of 8th March to 30th March 2023.

The names of the Students are as follows:

Manas Joshi

Eesha Joshi

Mariya Saddikot

Bhakti Rajhans

Anu Yesudoss

Yashada Dixit

Pratik Dhote

Vedija Phalle, Saec Chaudhary

During their visits they obtained an overview of the work in Geriatric Care. They also observed and participated in activities conducted in the Baner and Aundh Centers.

Dr Sadhana Natu,

Associate Professor and Head,

Department of Psychology

Prajakta Wadhavkar

Tapas Elder Care



Modern College of Arts, Science & Commerce

Ganeshkhind, Pune - 411016.

Re-Accredited by NAAC with 'A' grade

- Permanently Affiliated to Savitribai Phule Pune University. PUN / PN / ASC / 089 (1992)
- UGC Recognition No.: F-8-290 / 2006 (CPP-I)
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Dr Sadhana Natu,

Associate Professor and Head,

Department of Psychology

Prajakta Wadhavkar

Tapas Elder Care



This is to certify that the work incorporated in the dissertation 'Learning International Language: A Self-esteem inquiry', submitted by Ms. Eesha Gajanan Joshi, was carried out by the candidate under my supervision/guidance. Such material has been obtained from other sources has been acknowledged in the dissertation.

Date: 28 1 23

Place: Pune

Dr. Sadhana Natu

Associate Professor and Head,

Department of Psychology,

Modern college

Ganeshkhind, Pune.



This is to certify that the work incorporated in the dissertation

'PSYCHOLOGICAL PERSPECTIVES IN ONLINE SHOPPING' submitted by Ms. ANJALI AGARWAL, was carried out by the candidate under my supervision/guidance. I declare that this thesis is her original contribution and I recommend that this project work is fir to be evaluated for the partial fulfilment of "Masters in Clinical Psychology" in the department of Psychology, Modern college of Arts, science and commerce (Autonomous), Ganeshkhind, Pune.

Date: 27/01/2023

Dr. SADHANA NATU

Head of Department, Psychology (Supervisor / Research Guide)



Certificate of the guide

This is to certify that the work incorporated in the dissertation/thesis "(An Exploratory Study On Homesickness: Factors, Challenges And Coping Mechanisms)" submitted by Ms. Preetika Deshmukh, was carried out by the candidate under my supervision and guidance. Such material has been obtained from other sources and has been duly acknowledged in the dissertation/thesis.

Date: 27/1/23

Supervisor/Research Guide

Nashome Crasto

Dr. Sadhana Natu (Head of Department)



This is to certify that the work incorporated in the dissertation "GAINING UNDERSTANDING INTO THE CHALLENGES IN REPRESENTATION OF DISABILITY IN CORPORATE SETTINGS." submitted by Mast. Siddhesh Velankar, a second year Master's Student of the Department of Psychology was carried out under my supervision. Such material has been obtained from the other sources and has been duly acknowledged in the dissertation.

Date: 28 1 23

DR. SADHANA NATU

Head of the Department , Psychology

(Supervisor)



This is to certify that the work incorporated in the dissertation "Gender Stereotypes About Kathak Dancers and Dance and Resilience: An Exploratory Study", submitted by Ms. Yashada Dixit, was carried out by the candidate under my supervision/guidance. Such material has been obtained from others sources and has been duly acknowledged in the dissertation/ thesis.

Dr. Sadhana Natu

Associate Professor and Head,

Department of Psychology,

Modern College Ganeshkhind,

Savitribai Phule Pune University

Date: 28/1/23
Place: Pure



This is to certify that the work incorporated in the dissertation/thesis "UNDERSTANDING ENGLISH AS A BARRIER IN A CAREER GOAL SETTING" submitted by Ms. ANU YESUDOSS, was carried out by the candidate under my supervision/guidance. Such material has been obtained from other sources and has been duly acknowledged in the dissertation /thesis.

Date 28/1/23

Place: Pune

Dr. Sadhana Natu

Associate Professor and Head,

Department of psychology,

Modern College Ganeshkhind,

Savitribai Phule Pune 16



This is to certify that the work incorporated in the dissertation

'PSYCHOLOGICAL PERSPECTIVES IN ONLINE SHOPPING' submitted by Ms. ANJALI AGARWAL, was carried out by the candidate under my supervision/guidance. I declare that this thesis is her original contribution and I recommend that this project work is fir to be evaluated for the partial fulfilment of "Masters in Clinical Psychology" in the department of Psychology, Modern college of Arts, science and commerce (Autonomous), Ganeshkhind, Pune.

Date: 27 01 2023

Dr. SADHANA NATU

Head of Department, Psychology (Supervisor / Research Guide)



This is to certify that the work incorporated in the dissertation/thesis 'GENDER DIFFERENTIATION PROCESS IN CIS MALES AND FEMALES': A REFLEXIVE MAPPING, submitted by Mr. Manas Joshi, was carried out by the candidate under my supervision/guidance. Such material has been obtained from other sources and has been duly acknowledged in the dissertation /thesis.

Dr. Sadhana Natu

Associate Professor and Head,

Department of Psychology,

Modern College Ganeshkhind,

Savitribai Phule Pune University

Date: 28 01 2023

Place: Pune.



This is to certify that the work incorporated in the dissertation 'Learning International Language: A Self-esteem inquiry', submitted by Ms. Eesha Gajanan Joshi, was carried out by the candidate under my supervision/guidance. Such material has been obtained from other sources has been acknowledged in the dissertation.

Date: 28 1 23

Place: Pune

Dr. Sadhana Natu

Associate Professor and Head,

Department of Psychology,

Modern college

Ganeshkhind, Pune.



This is to certify that the work incorporated in the dissertation "QUALITATIVE RESEARCH ON EFFECTS OF THERAPY AND NOT TAKING THERAPY ON WOMEN SUFFERING FROM PCOS" submitted by Ms. Mariya Saddikot, a second year Master's student of the Department of Psychology was carried out by the candidate under my supervision/guidance. I declare that this thesis is her original contribution and I recommend that this project work is fit to be evaluated for the partial fulfillment of "Masters in Clinical Psychology" in the Department of Psychology, Modern College of Arts, Science and Commerce, Ganeshkhind Pune.

Date: 27 - 01 - 2023

Minderrales

Ms. Niraja Ingle

(Supervisor/research guide)

Dr.Sadhana Natu

Head of Department, Psychology





Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16

Awarded with A+ Grade by NAAC, DST FIST Sponsored college with DBT- STAR Status

CERTIFICATE

This is to certify that Rohini Kanale.
from S. Y. B. Sc. (Computer Science) has won/participated in Vedic Mathematic
prize in and earned 3 credits. Which was held
on/between 23 02 23 to 06 04 23

Co-ordinator

Head / Vice - Principal





Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16

Awarded with A+ Grade by NAAC, DST FIST Sponsored college with DBT- STAR Status

CERTIFICATE

from FYBA	has
woh / participated Vedic Mathemat	rics
prize in	
and earned 3 credits.	Whi <mark>ch was held</mark>
on/between 23/2/23 to 6/4/23	

Co-ordinator

Head / Vice - Principal





Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16

Awarded with A+ Grade by NAAC, DST FIST Sponsored college with DBT- STAR Status

CERTIFICATE

from	FYBA has
won / participa	ted Vedic Mathematics
prize in	
and earned	3 credits. Which was held
on / between _	23/2/23 to 6/4/23



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CERTIFICATE

This is to certify that KIShori Bhale Kay
from S.Y.B.Sc. (Computer Science) has
word/participated in Vedic Mathematics
prize in
and earned credits. Which was held
on/ between 23 2 23 to 6 4 23





Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16

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CERTIFICATE

from FYBA			has
won / participate	a Vedic Mo	thematics	
prize in			
and earned	3	cred <mark>its. Which</mark> v	vas held
on / between	23/2/23 to	6/4/23	

Co-ordinator

Head / Vice - Principal







Aditi Urban

को-ऑप क्रेडिट सोसायटी मः बुलडाणाः रःनंः ३३७

CO-OP. CREDIT SOCIETY LTD. BULDANA R.NO.337

ना	ch			

कार्यक्षेत्र : बुलडाणा, जालना, औरंगाबाद

दिनांक 2 3 MAY /2023

To WHOMSOEVER IT MAY CONCERN

We have observed that the candidate is having hard working nature and sincere during the training period and wish him for better prospects in studies as well as in career.

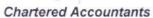
को-ऑप क्रेडिट सोसायटी मः बुलडाणा र.चं. ३३७

> For Aditi Urban CO-OP.Credit Society प्रिक्र अपीवनाव R.No.337 विभागीय व्यवस्थापक आदेती अर्वन को-ऑप क्रेडीट

> > सोसा.म.बुलडाणा र.नं.३३७



Charkha Miniyar & Co.





To,
The Principal
Modern College of Arts, Science and Commerce
Ganeshkhind
Pune

Sub: Certificate for Internship to Mr. Vedant Nalla (Stock Audits of Kotak Mahindra Bank & Accounting assignments).

Respected Sir,

Mr. Vedant Nalla has been doing internship with our firm since January 2022 till date. During this period, he has handled various stock audit assignments for Kotak Mahindra Bank, accounting assignments and have assisted in vouching during audits. During this period, we found him to be hard working, honest and sincere in his work.

Thanking You.

Yours faithfully,

For Charkha Miniyar & Co.

Chartered Accountants

FRN - 0123834W

CA Sachin Miniyar

Partner

M. No. - 108664

Date: 5th May 2023

Place: Pune

Principal
Mediam-Callege of Arts, Science
Conservas Grandshirol, Princ-16



Hexatin Consultancy Pot Ltd.
Website, www.hexatin.com
Branch Address Hist Hoor
Office No. 101,
Block-III, 400 Hoyds Chambers,
Mengalwar Peth, Pune
411011, Maharashtra
GSIIN, ZMADCHZS438175

Internship Letter

05th Sept 2022.

Dear Sejal Zanwar,

Pune.

We are delighted to inform you that you have been selected for an internship at Hexafin Consultancy Pvt. Ltd. We look forward to welcoming you to our team on 07" Sept 2022. As an intern at Hexafin Consultancy Pvt. Ltd., you will be expected to report to the respective branch on your date of joining.

We believe that this internship will provide you with valuable professional experience and contribute to your personal and career growth.

During the internship, you will receive a monthly stipend of Rs.5000, along with performance-based incentives.

We are committed to providing you with a conducive learning environment and will train you in various skills that are highly relevant in the professional world.

Please find below the address where you need to report for your internship:

Hexafin Consultancy Pvt. Ltd. Pune

On behalf of the entire team, we extend our warmest congratulations on your selection for this internship opportunity. We wish you the very best in all your future endeavours.

Should you have any further queries or require additional information, please do not hesitate to contact us.

Sincerely,

Vaishnavi Tanpure

HR manager

Hexafin Consultancy Pvt. Ltd

Principal

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Commence (generalised Press 16

शामराव पायगुडे नागरी साह. सहकारी पतसंस्था बँक लि.



Gokhlenagar, Janwadi road pune 411016

REF NO:

Date:

TO,

Modern College of Arts, Commerce and Science

Ganesh Khind,

Pune

Internship Certificate

This is to certify that "Ms <u>SANIYA RIYAZ MANIYAR</u>" has completed the internship period of 60 hours in *SHAMRAO PAYGUDE SAHKARI SANSTHA Bank Ltd* Janwadi Branch, during which we found her disciplined, punctual and honest.

"We wish Best wishes for her bright future."

Branch Manager

HO.: GOKHLENAGAR JANWADI ROAD PUNE 411016

Phone: 02025650545 /02 Customer Care No.: 7721 900 900, ATM Card Care No.: 7721 800 800 Website:











MODERN COLLEGE OF ARTS, SCIENCE AND COMMERCE

(AUTONOMOUS)

Ganeshkhind, Pune - 411 016

AVISHKAR - 2022

(THE EXPRESSION OF CREATIVITY)

CERTIFICATE OF PARTICIPATION

This certificate is awarded to

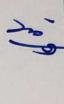
Baban Shreyash

In recognition and appreciation for participation in

AVISHKAR - 2022 RESEARCH PROJECT COMPETITION Held on Thursday, 15th September 2022 organized by Modern College of Arts, Science and Commerce Ganeshkhind, Pune - 16.







Dr. Ravindra Kshirsagar

Dr. Sanjay Kharat

Principal

Academic and Research Co-ordinator

Principal

Cillips of Ars, Science
ense, Cistedation Princ-16





P. E. Society's

Modern College of Arts, Science and Commerce, Ganeshkhind, Pune M. Sc. II Biotechnology- Student Project List 2022-23

Roll .no.	Name of the	Name of the instit	Name of the guide	Title of the Project (approved by the guide)
	Student			
223251001	Sumedha Agellu	SPPU	Dr.Shilpy Sharma	Gene expression studies in insulin resistant skeletal muscles
223251002	Aniket Bagate	COEP	DR . Mahesh Shindikar	Green synthesis of nanoparticles using Mentha piperita (Mint) and their
				antimicrobial activity agianst milk Borne Pathogens.
223251003	Rohit Bangar	Annasaheb Awate	Ingole Sir	
		College Manchar		
	Bhumika Bharambe		Dr. Snehal Gagare	gluten hydrolysis activity of bacteria
223251005	Mehul Bhayani	MITCON	Dr. vishal Dawkar	phytochemical analysis of Papaya Leaf (Carica papaya)
	Sanyukta Bhote		Dr.Madhav kumar (Dr Asha Salunke)	antibacterial activity of plant extract against blight causing bacteria
	Divya Chatla	BioEra	Dr.pratibha baral (Dr Asha Salunke)	lignocellulosic biomass hydrolysis for production of fermentable sugar
223251008	Nayan Chaudhari	MITCON	Dr. vishal dawkar	Qualitative phytochemical analysis of Drumstick tree (Moringa oleifera)
223251009	Vaishali Chormale	Modern College, GK	Dr Monica Jamala	Studying the effects of seed priming under salt stress on Vigna radiata
223251010	Tanvi Deshpande	OncoDiscover	Dr. Jayant Khandare	Quantitative analysis of sub-cellular localization of fluorescent molecules in cancer
			•	cells.
223251011	Ajinkya Gade	modern College	Kawaljeet mam	Turmeric mediated synthesis of selenium nanoparticle and it's characterization
		Ganeshkhind	•	
223251012	Ketaki Gawade	Modern College,	Alisha ma'am	Nutritional analysis of rice grains.
		Ganeshkhind		
223251013	Bhakti Ghumatkar	Modern college gk	Dr. Snehal Gagare	gluten hydrolysis activity of bacteria from fish
223251014	Devika Godbole		Dr. Amarja Joshi	Polyphasic characterization of alkaliphilic bacterial MEB004 isolated from Lonar lake
223251015	Samidha Jadhav	Operon Research	Dr. Pinakin Wagh	·
		Centre	-	
223251016	Pranali Joshi	SPPU	Dr. Santosh Kathwate	
223251018	Dhanashree Kandivkar	SPPU	Dr. Hemant Tarkas	Microbial synthesis of lead sulfide material for its optoelectronic applications
223251019	Rutuja kolapkar	Modern College	Kawaljeet mam	Citrus limetta mediated synthesis of selenium nanoparticles and it's characterization
		Ganeshkhind	•	
223251020	Nikita Kshirsagar		Dr Pratibha baral (Dr Asha Salunke)	bioremediation of melanoidin pigments in distillery spent wash
	Rushikesh Sahebrao		DR. Mahesh Shindikar	Green syenthesis of nanoparticles using Aegle marmelos(indian Bael) and their
	Patil			antimicrobial activity against milk borne Pathogens.
223251022	Chandrashekar Patil	Mitcon	Dr. Vishal Dawkar	phytochemical analysis
	Shivani Salave		Dr vishal Dawkar	Biodegradation of disperse textile dye Brown 3REL by newly isolated spp
223251025	Mrunali Bhosale	Modern College Gk	Alisha maam	Exploring silica nanoparticles for drought stress tolerance in Vigna Radiata
223252051	Akshay Gore		kawaljeet kaur	Green Synthesis Of silver Nanoparticles using Cinnamomum verum and Antimicrob
	Shrutika Jawalkar	IRSHA Bharti Vidyapee		Evaluation of antiviral drug compound(s) against SARS- CoV-2 Omicron virus
	Prerna Kadhare		Dr.Nivedita das	Effects of Polyethylene toxicity on zebrafish (Danio rerio) Is to study on oxidative
		Ĭ		stress parameters
223252054	Rutuja Suhas Kale	Bioinformatics Centre,	Dr. Payel Ghosh	Construction and analysis of Co-expression Network associated with Abiotic stress
	'		•	in Sorghum bicolor
223252055	Saurabh Kedari	Annasaheb Awate Coll	Ingole Sir	
	Sanjana Khanvilkar		Dr. Monica Jamla	study of different priming combinations on vigna radiata under induced cadmium stre
	Sneha Kolpuke	Symbiosis Centre For \		Antimicrobial Activity of copper oxide Nanoparticles
	Girish Kulkarni	Modern college Ganes		Gelatin (Fish Scales) Biowaste Extraction and application
	Suraj Munde		Dr. Vishal Dawkar	phytochemical analysis



223252060 Sweta Nakhale	SPPU	Dr. Rajendra Harishchandra Patil	Study of CoO nanoparticles against bacterial biofilms
223252061 Rahul Patil	modern College Ganes	kawaljeet kaur	Green Synthesis Of silver Nanoparticles using Cinnamomum Tamala and Antimicrot
223252052 Nikhil Raka	operon reaserch centre	Dr. pikanin wagh	
223252063 Yashodhan Shelke	logical life science	Dr.Nishant Vyas	cd69 expression of t cells when treated with adalimumab monoclonal antibody aggree
223252064 Pooja Singh	CSIR-CDRI	Dr. Kalyan Mitra	
223252065 Rohan Thakare	operon reaserch centre	Dr. Pinakin Wagh	
223252066 Aishwarya Tonde	modern College Gk	Monica Jamla ma'am	combination seed priming for vigna radiata for salanity stress
223252067 Varsha Andhale	Modern College Gk	Alisha Ma'am	Exploring iron oxide nanoparticles for drought stress tolerance in Vigna radiata.
223252068 Pranjal Shivekar	Modern College Gk	Alisha mam	Exploring silica nanoparticles for drought stress tolerance in Vigna Radiata
223252069 Dhanshree Jamdade	Modern College Gk	Alisha Ma'am	Exploring iron oxide nanoparticles for drought stress tolerance in Vigna radiata.
223252070 Sanket Borg	PDRC	Dr Bulbule	
223252071 Arpita Shejole	Symbiosis Centre For	Dr. Pooja Singh	
223252072 Rohan Mandawade	IRSHA Bharti Vidyapee	Dr.Rashmi Virkar	Evaluation of antiviral drug compound(s) against SARS- CoV-2 Delta virus
223252073 Amol Yalmar	Modern college Gk	Dr.Uttara Oak	Conjunction of ZnO NPs with Amoxicillin drug and it's antibacterial activity
223252074 Vedant Raje		Mr . Amol kapre	
223252075 Balaji Nagre	Modern college gk	Dr. Uttara Oak	Conjunction of ZnO NPs with Vancomycin drug and it's antibacterial activity
223252076 Mugdha Joshi	Modern college gk	Dr. Monica Jamla .	Stress memory responses and seed priming correlate with heavy metal tolerance in p



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gates

olants



P. E. Society's

Modern College of Arts, Science and Commerce, Ganeshkhind, Pune T.Y Biotechnology 2022-23

Roll no. Name		Project Title	Supervisor/Project	
			Incharge	
223231001	Vaibhavi Awale	Pharmacological and phytochemical analysis of	Ms.Kawaljeet Kaur	
223231002	Jayavarrshini	effect of cadmiun resistant plant growth promoting	Mrs. Vaishali Randive	
	Balamurugan	rhizobacteria on growth and cadmium uptake of wheat		
223231003	Trushita bharaswadkar	Antibacterial Assessment of Cuttlebone	Dr. Geetanjali Litake	
223231004	Drashti Bhatt	Isolation of pectinase producing microorganisms	Ms.Alisha Shaikh	
223231005	Akshata Damle	Isolation of Plant Growth Promoting Rhizobacteria for enhancement of Drought stress tolerance	Mrs. Vaishali Randive	
223231006	Adwait Dighe	To study Agronomic Traits of Brassica Juncea under	Mrs.Monica Jamla	
223231007	Ketaki Ghodke	Antibacterial activity of medicinal plants	Mr. Sagar Anekar	
223231008	Sumit Kumar Giri	Isolation of antidiabetic withanolids from withania	Dr. Nivedita Das	
223231009	Swarali Gulawani	Characterization & Synthesis of the chitosan nanoparticles	Dr. Snehal Gagare	
223231010	Akanksha Gurjar	Characterization & Synthesis of the chitosan nanoparticles	Dr.Snehal Gagare	
223231011	Sakshi Jadkar	Biopesticide Production using Trichoderma harzianum	Mr. Sagar Anekar	
223231012	Sakshi Jamdade	Phytochemical Potential of Calotropis Plant Antibacterial activity against Gram negative Bacteria	Dr. Tushar Khare	
223231013	prasad kaknale	phytochemical potential of Calotropis Plant Antioxidant activity	Dr. Tushar Khare	
223231014	Atharva Kelkar	Physico-Chemical Properties of Rice	Dr.Vinay Kumar	
223231015	Tithi Khandelwal	Isolation of pectinase producing microorganisms	Ms. Alisha Shaikh	
223231016	Dikshita Kondal	Bioplastic from Tapico Starch	Dr. Monica Jamla	
223231017	Himanshu Kulkarni	Text mining of genes responsible for salinity stress in <i>Vigna</i> radiata	Dr. Monica Jamla	
223231018	Akhiljith Kumar	Physico-Chemical Properties of Rice	Dr.Vinay Kumar	
223231019	Riya Mhatre	Exploring Probiotic Potential of Bacteria from Tilapia nilotica	Dr. Snehal Gagare	



223231020	Revati S. Pandit	Analysis of prevalence of hypertension and factors affecting	Dr. Snehal Gagare
		the development of the disease	
223231021	Arikta Raheja	Extraction and study of Tocotrienol as a Dietary Supplement	Mrs. Kaumudi
223231022	Prasad Salunkhe	To Study Agronomic Traits Of Pennisetum Glaucum Under As	Dr. Monica Jamla
223231023	Pranita Siddhapathaki	Bioplastic production from banana peel and cocopeat	Mrs. Kaumudi Kalele
223231024	Sakshi Vidya Sonkusare	Determination of anti-diabetic potential of Withania Coagulans by estimating its enzyme inhibitory activity	Dr. Nivedita Das
223231025	Rushikesh Vijay Thopate	Microbial Pigment Production using <i>Streptococcus</i> spp.	Ms.Kawaljeet Kaur
223231026	Karan R. Ware	To study Agronomic Traits of <i>sorghum bicolor</i> under Arsenic Stress	Dr. Monica Jamla
223231027	Sakshi Mahesh Tilekar	Comparison between Bioplastic produced from Banana peels waste and lima beans peels waste	Mrs. Kaumudi Kalele
223231028	Rugved Prakash Kale	Extraction of ethanol from fruit waste(orange peel)	Dr Gitanjali Litke Mam
223231029	Shrushti Salvi	to study the agronomic traits of mung beans under cd stress	Dr monicaka Jamla
223231030	Neha Shashikant Patil	Synthesis of silver Nanoparticles From Chinaberry leaves	Dr.Kawaljeet Kaur
223231031	Shreya Satish Chavan	Degradation of Azo dye using Microorganisms	Dr. Uttara Oak
223231032	Ashwini Salve	Antibacterial activity of medicinal plants	Mr. Sagar Anekar
223231033	Kamble Sanvendana	Synthesis of iron nanoparticles from spider cobweb and checking its antimicrobial activity in Rhizospheric plants	Ms. Alisha Shaikh
223232061	Sayali Rajendra Bhutare	Determination of anti-bacterial spectrum of Antibiotics against Gram+ve and Gram-ve microorganisms	Dr. Uttara Oak
223232062	Shweta Biradar	Biopesticide Production using Trichoderma viride	Mr. Sagar Anekar
223232063	Vishal Rajendra Gavade	Extraction of Ethanol From Waste Paper	Dr Gitanjali Litke Mam
223232064	Vaishnavi Hulyalkar	Biopesticide production using Trichoderma citrinoviride	Mr. Sagar Anekar
223232065	Kaavya Mahadevan Iyer	Accumulation of Microplastics in freshwater species: a study of molecular damage in <i>Oreochromis niloticus</i> (Nile	Dr. Nivedita Das
223232066	Gayatri Jadhav	isolation of E.coli from ready to eat vegetables	Dr.Geetanjali Litake
223232067	Mrunal Jahagirdar	Plant Growth Promoting Rhizobacteria and their action on Glyphosate	Mrs. Vaishali Randive



223232068	Mallika Kamble	Role of Plant Growth-Promoting Rhizobacteria (PGPR) in	Mrs. Vaishali Randive
		Heavy metal tolerance	
223232069			
223232070	Manasi H Kathe	Glyphosate degradation by Plant Growth Promoting Rhizobacteria(PGPR)	Mrs. Vaishali Randive
223232071	Juned S.Korbu	Phytochemical Potential of Calotropis Plant Antibacterial activity against Gram positive Bacteria	Dr. Tushar Khare
223232072	Sakshi Mane	Isolation and Characterization of Bacteria from Tilapia nilotica	Dr. Snehal Gagare
	Nupur Shriniwas Namjoshi	Assessing the effects of microplastics-induced oxidative stress on freshwater fish: A cytological perspective	Dr. Nivedita Das
	Atharva Shrikant Narwadkar	Effect of Azoxystrobin on maize plant	Dr.Tushar Khare
223232075	Nidhi Palkar	Isolation of pectinase producing microorganisms	Ms. Alisha Shaikh
223232076	Vishvajeet Nimbalkar	Physico-Chemical Properties of Rice	Dr.Vinay Kumar
223232077	Shouryan Patil	Microbial Pigment Production using Proteus penneri	Ms.Kawaljeet Kaur
223232078	Akshada Pawar	Production and comparison of banana peel and black eyed bean bioplastic	mrs. Kaumudi Kalele
223232079	Irawati U. Sawant	Analysis of prevalence of diabetes mellitus Type II and factors affecting the development of the disease	Dr. Snehal Gagare
223232080	Vinit Kiran Sonawane	Effect of lambda cyhalothrin on maize plant	Dr. Tushar Khare
223232081	Om sandip taware	extraction of Ethanol From green peas peel	Dr Gitanjali Litke Mam
223232082	Mrunmayi sasane	Isolation of s.aureus from fresh vegetables	Dr. Geetanjali Litake
223232083	Sejal Dattatray Landage	Production of Biopolymer from coconut waste	Dr. Snehal Gagare
223232084	Nikita Khande	Effect of Plant growth promoting bacteria on plant in salt stress	Mrs. Vaishali Randive
223232085	Abhishek Ashok Patil	Alcohol Production from coconut husk fiber	Dr. Snehal Gagare
223232086	Aditya Nanaso Amrale	Synthesis of Nanoparticles From Neem Leaves	Dr.Kawaljeet Kaur
223232087	Shubhda Pawar	to study the agronomic traits of brassica juncea under arsenic stress	Dr Monica jamla
223232088	Vedant Ghate	Physico-Chemical Properties of Rice	Dr Monica jamla
223232089	Anuja Sherekar	Synthesis of silver Nanoparticles From Neem leaves	Dr.Uttara oak

