



**VIDYA PRASARAK MANDAL'S
B. N. BANDODKAR COLLEGE OF SCIENCE, THANE (AUTONOMOUS)**

“Jnandweepa”, Chendani Bunder Road, Thane (W) – 400 601

NAAC re-accredited ‘A’ grade, College with Potential for Excellence (CPE),

Best College Award (University of Mumbai), ISO 9001:2015 Certified,

Recipient of RBNQA Commendation Certificate from IMC,

Recipient of Jagar Janivacha Awards of Govt. of Maharashtra,

Supported under - FIST ‘O’ Level (Min. of Sci. & Tech) & DBT Star College Scheme

Certificate

This is to certify that **Mr. Jignesh Patil** of **T.Y.B.Sc.** from **Department of Biochemistry** has successfully completed Mini-Research Project titled ‘**Assessing Approaches of Individual on Water Pollution Awareness & Prevention**’ under the Science Square Scheme during academic years 2019-2021.

Date: 28/02/2021

Dr. Moses Kolet
I/C Principal

Dr. Urmila Kumavat
Coordinator,
Research Scholar Programme



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Certificate

This is to certify that **Mr. Sumit Chauhan** of **T.Y.B.Sc.** from **Department of Biochemistry** has successfully completed **Diploma Course of Research Scholar Programme (4 Credits)** with **‘B’** Grade during academic years 2019-2021.

Date: 28/02/2021


Dr. Moses Kolet
I/C Principal


Dr. Urmila Kumavat
Coordinator,
Research Scholar Programme

Diploma Course of Research Scholar Programme (4 Credits)

Duration – 24 Months

Content – Mini Research Project & Course Modules

Title of Project - Assessing Approaches of Individual on Water Pollution Awareness & Prevention

Name of the Research Guide - Ms. Pooja Kanse

List of various Modules			
Unit I	Research Methodology Part I a) Research orientation b) How to select topic c) Preparation of research proposal d) Preparation of research paper e) IPR and Patent f) Instrumentation	Unit II	Research Methodology Part II a) Use of library b) Reference work c) Review of research paper d) Poster presentation e) Presentation – oral ppt f) Book review g) Use of stats in research
Unit III	Skill Development Part I a) Management of stress and anger b) Soft skills c) Yoga d) Event management e) Heal your life f) Personality development	Unit IV	Skill Development Part II a) Editing news letter b) How to write an application c) Preparation of resume d) Group discussion e) Computer skills
Unit V	Environmental and Societal Aspects a) Interaction with nature b) Ecotourism c) Social responsibility d) Industry visit	Grade	‘O’ = 80% & above, ‘A’ = 70 – 79.99%, ‘B’ = 60 – 69.99%, ‘C’ = Below 60%



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Certificate

This is to certify that **Ms. Dharani Shetty of T.Y.B.Sc. from Department of Chemistry** has successfully completed **Diploma Course of Research Scholar Programme (4 Credits)** with ‘**O**’ Grade during academic years 2019-2021.

Date: 28/02/2021


Dr. Moses Kolet
I/C Principal


Dr. Urmila Kumavat
Coordinator,
Research Scholar Programme

Diploma Course of Research Scholar Programme (4 Credits)

Duration – 24 Months

Content – Mini Research Project & Course Modules

Title of Project - Effective Adsorption Of Fluoride On Low Cost Bioadsorbent Mixture Of Charcoal With *Malus domestica* Peel And *Cocos nucifera* Husk.

Name of the Research Guide - Ms. Trupti Londhe & Ms. Smita Sonawane

List of various Modules			
Unit I	Research Methodology Part I a) Research orientation b) How to select topic c) Preparation of research proposal d) Preparation of research paper e) IPR and Patent f) Instrumentation	Unit II	Research Methodology Part II a) Use of library b) Reference work c) Review of research paper d) Poster presentation e) Presentation – oral ppt f) Book review g) Use of stats in research
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Certificate

This is to certify that *Ms. Khadeeja Masood* of *T.Y.B.Sc.* from *Department of Chemistry* has successfully completed Mini-Research Project titled ‘*Effective Adsorption Of Fluoride On Low Cost Bioadsorbent Mixture Of Charcoal With Malus domestica Peel And Cocos nucifera Husk.*’ under the Science Square Scheme during academic years 2019-2021.

Date: 28/02/2021


Dr. Moses Kolet
I/C Principal


Dr. Urmila Kumavat
Coordinator,
Research Scholar Programme



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Certificate

This is to certify that **Ms. Tayyaba Ansari** of **T.Y.B.Sc.** from **Department of Chemistry** has successfully completed **Diploma Course of Research Scholar Programme (4 Credits)** with **‘O’** Grade during academic years 2019-2021.

Date: 28/02/2021


Dr. Moses Kolet
I/C Principal


Dr. Urmila Kumavat
Coordinator,
Research Scholar Programme

Diploma Course of Research Scholar Programme (4 Credits)

Duration – 24 Months

Content – Mini Research Project & Course Modules

Title of Project - Effective Adsorption Of Fluoride On Low Cost Bioadsorbent Mixture Of Charcoal With Malus domestica Peel And Cocos nucifera Husk.

Name of the Research Guide - Ms. Trupti Londhe & Ms. Smita Sonawane

List of various Modules			
Unit I	Research Methodology Part I a) Research orientation b) How to select topic c) Preparation of research proposal d) Preparation of research paper e) IPR and Patent f) Instrumentation	Unit II	Research Methodology Part II a) Use of library b) Reference work c) Review of research paper d) Poster presentation e) Presentation – oral ppt f) Book review g) Use of stats in research
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Certificate

This is to certify that *Ms. Akshada Gawade* of *T.Y.B.Sc.* from *Department of Chemistry* has successfully completed *Diploma Course of Research Scholar Programme (4 Credits)* with ‘*O*’ Grade during academic years 2019-2021.

Date: 28/02/2021


Dr. Moses Kolet
I/C Principal


Dr. Urmila Kumavat
Coordinator,
Research Scholar Programme

Diploma Course of Research Scholar Programme (4 Credits)

Duration – 24 Months

Content – Mini Research Project & Course Modules

Title of Project - Tungsten Oxide Thin Film For Supercapacitor Application

Name of the Research Guide - Dr. Rohini Mandhare

List of various Modules			
Unit I	Research Methodology Part I a) Research orientation b) How to select topic c) Preparation of research proposal d) Preparation of research paper e) IPR and Patent f) Instrumentation	Unit II	Research Methodology Part II a) Use of library b) Reference work c) Review of research paper d) Poster presentation e) Presentation – oral ppt f) Book review g) Use of stats in research
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Certificate

This is to certify that **Mr. Pritesh Kakade** of **T.Y.B.Sc.** from **Department of Chemistry** has successfully completed **Diploma Course of Research Scholar Programme (4 Credits)** with **‘C’** Grade during academic years 2019-2021.

Date: 28/02/2021


Dr. Moses Kolet
I/C Principal


Dr. Urmila Kumavat
Coordinator,
Research Scholar Programme

Diploma Course of Research Scholar Programme (4 Credits)

Duration – 24 Months

Content – Mini Research Project & Course Modules

Title of Project - Estimation Of Fluoride Ions From Different Water Samples Of Near By Water Bodies Using Colorimeter

Name of the Research Guide - Ms. Trupti Londhe & Ms. Smita Sonawane

List of various Modules			
Unit I	Research Methodology Part I a) Research orientation b) How to select topic c) Preparation of research proposal d) Preparation of research paper e) IPR and Patent f) Instrumentation	Unit II	Research Methodology Part II a) Use of library b) Reference work c) Review of research paper d) Poster presentation e) Presentation – oral ppt f) Book review g) Use of stats in research
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Certificate

This is to certify that *Ms. Tanvi Shirgaonkar* of *T.Y.B.Sc.* from *Department of Chemistry* has successfully completed Mini-Research Project titled ‘*Estimation Of Fluoride Ions From Different Water Samples Of Near By Water Bodies Using Colorimeter*’ under the Science Square Scheme during academic years 2019-2021.

Date: 28/02/2021

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I/C Principal**

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Certificate

This is to certify that *Ms. Tejaswini Salgaonkar* of *T.Y.B.Sc.* from *Department of Chemistry* has successfully completed *Diploma Course of Research Scholar Programme (4 Credits)* with ‘*A*’ Grade during academic years 2019-2021.

Date: 28/02/2021


Dr. Moses Kolet
I/C Principal


Dr. Urmila Kumavat
Coordinator,
Research Scholar Programme

Diploma Course of Research Scholar Programme (4 Credits)

Duration – 24 Months

Content – Mini Research Project & Course Modules

Title of Project - Estimation Of Fluoride Ions From Different Water Samples Of Near By Water Bodies Using Colorimeter

Name of the Research Guide - Ms. Trupti Londhe & Ms. Smita Sonawane

List of various Modules			
Unit I	Research Methodology Part I a) Research orientation b) How to select topic c) Preparation of research proposal d) Preparation of research paper e) IPR and Patent f) Instrumentation	Unit II	Research Methodology Part II a) Use of library b) Reference work c) Review of research paper d) Poster presentation e) Presentation – oral ppt f) Book review g) Use of stats in research
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Certificate

This is to certify that **Ms. Fiza Bartanwala** of **T.Y.B.Sc.** from **Department of Chemistry** has successfully completed **Diploma Course of Research Scholar Programme (4 Credits)** with **‘O’** Grade during academic years 2019-2021.

Date: 28/02/2021


Dr. Moses Kolet
I/C Principal


Dr. Urmila Kumavat
Coordinator,
Research Scholar Programme

Diploma Course of Research Scholar Programme (4 Credits)

Duration – 24 Months

Content – Mini Research Project & Course Modules

Title of Project - A Systematic Review On Applications Of WO3 Nanoparticles For Antibacterial Activity

Name of the Research Guide - Dr. Rohini Mandhare

List of various Modules			
Unit I	Research Methodology Part I a) Research orientation b) How to select topic c) Preparation of research proposal d) Preparation of research paper e) IPR and Patent f) Instrumentation	Unit II	Research Methodology Part II a) Use of library b) Reference work c) Review of research paper d) Poster presentation e) Presentation – oral ppt f) Book review g) Use of stats in research
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Certificate

This is to certify that *Ms. Alphy Hari* of *T.Y.B.Sc.* from *Department of Human Science* has successfully completed *Diploma Course of Research Scholar Programme (4 Credits)* with ‘*O*’ Grade during academic years 2019-2021.

Date: 28/02/2021


Dr. Moses Kolet
I/C Principal


Dr. Urmila Kumavat
Coordinator,
Research Scholar Programme

Diploma Course of Research Scholar Programme (4 Credits)

Duration – 24 Months

Content – Mini Research Project & Course Modules

Title of Project - Perception Of Society On Rape Myths In Mumbai, India

Name of the Research Guide - Ms. Sakina Bhaigora

List of various Modules			
Unit I	Research Methodology Part I a) Research orientation b) How to select topic c) Preparation of research proposal d) Preparation of research paper e) IPR and Patent f) Instrumentation	Unit II	Research Methodology Part II a) Use of library b) Reference work c) Review of research paper d) Poster presentation e) Presentation – oral ppt f) Book review g) Use of stats in research
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Certificate

This is to certify that **Ms. Shravya Karkera** of **T.Y.B.Sc.** from **Department of Human Science** has successfully completed **Diploma Course of Research Scholar Programme (4 Credits)** with **‘O’** Grade during academic years 2019-2021.

Date: 28/02/2021


Dr. Moses Kolet
I/C Principal


Dr. Urmila Kumavat
Coordinator,
Research Scholar Programme

Diploma Course of Research Scholar Programme (4 Credits)

Duration – 24 Months

Content – Mini Research Project & Course Modules

Title of Project - Perception Of Society On Rape Myths In Mumbai, India

Name of the Research Guide - Ms. Sakina Bhaigora

List of various Modules			
Unit I	Research Methodology Part I a) Research orientation b) How to select topic c) Preparation of research proposal d) Preparation of research paper e) IPR and Patent f) Instrumentation	Unit II	Research Methodology Part II a) Use of library b) Reference work c) Review of research paper d) Poster presentation e) Presentation – oral ppt f) Book review g) Use of stats in research
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Certificate

This is to certify that *Ms. Nikita Linar* of *T.Y.B.Sc.* from *Department of Botany* has successfully completed *Diploma Course of Research Scholar Programme (4 Credits)* with ‘*A*’ Grade during academic years 2019-2021.

Date: 28/02/2021


Dr. Moses Kolet
I/C Principal


Dr. Urmila Kumavat
Coordinator,
Research Scholar Programme

Diploma Course of Research Scholar Programme (4 Credits)

Duration – 24 Months

Content – Mini Research Project & Course Modules

Title of Project - Covid-19 Imposed Online Learning Experience From Undergraduate Student's Perspective

Name of the Research Guide - Mrs. Kadambari Manjrekar & Dr. Urmila Kumavat

List of various Modules			
Unit I	Research Methodology Part I a) Research orientation b) How to select topic c) Preparation of research proposal d) Preparation of research paper e) IPR and Patent f) Instrumentation	Unit II	Research Methodology Part II a) Use of library b) Reference work c) Review of research paper d) Poster presentation e) Presentation – oral ppt f) Book review g) Use of stats in research
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This is to certify that *Ms. Saira Bartanwala* of *T.Y.B.Sc.* from *Department of Botany* has successfully completed *Diploma Course of Research Scholar Programme (4 Credits)* with ‘*O*’ Grade during academic years 2019-2021.

Date: 28/02/2021


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I/C Principal


Dr. Urmila Kumavat
Coordinator,
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Duration – 24 Months

Content – Mini Research Project & Course Modules

Title of Project - Covid-19 Imposed Online Learning Experience From Undergraduate Student's Perspective

Name of the Research Guide - Mrs. Kadambari Manjrekar & Dr. Urmila Kumavat

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This is to certify that *Ms. Vipra Malandkar* of *T.Y.B.Sc.* from *Department of Zoology* has successfully completed *Diploma Course of Research Scholar Programme (4 Credits)* with ‘*O*’ Grade during academic years 2019-2021.

Date: 28/02/2021


Dr. Moses Kolet
I/C Principal


Dr. Urmila Kumavat
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Duration – 24 Months

Content – Mini Research Project & Course Modules

Title of Project - Covid-19 Imposed Online Learning Experience From Undergraduate Student's Perspective

Name of the Research Guide - Mrs. Kadambari Manjrekar & Dr. Urmila Kumavat

List of various Modules			
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NAAC re-accredited ‘A’ grade, College with Potential for Excellence (CPE),

Best College Award (University of Mumbai), ISO 9001:2015 Certified,

Recipient of RBNQA Commendation Certificate from IMC,

Recipient of Jagar Janivacha Awards of Govt. of Maharashtra,

Supported under - FIST ‘O’ Level (Min. of Sci. & Tech) & DBT Star College Scheme

Certificate

This is to certify that **Ms. Bhagyashree Kamble** of **T.Y.B.Sc.** from **Department of Chemistry** has successfully completed **Diploma Course of Research Scholar Programme (4 Credits)** with **‘A’** Grade during academic years 2019-2021.

Date: 28/02/2021


Dr. Moses Kolet
I/C Principal


Dr. Urmila Kumavat
Coordinator,
Research Scholar Programme

Diploma Course of Research Scholar Programme (4 Credits)

Duration – 24 Months

Content – Mini Research Project & Course Modules

Title of Project - Use And Awareness Of Social Media Tools By UG Students

Name of the Research Guide - Mrs. Kadambari Manjrekar & Dr. Urmila Kumavat

List of various Modules			
Unit I	Research Methodology Part I a) Research orientation b) How to select topic c) Preparation of research proposal d) Preparation of research paper e) IPR and Patent f) Instrumentation	Unit II	Research Methodology Part II a) Use of library b) Reference work c) Review of research paper d) Poster presentation e) Presentation – oral ppt f) Book review g) Use of stats in research
Unit III	Skill Development Part I a) Management of stress and anger b) Soft skills c) Yoga d) Event management e) Heal your life f) Personality development	Unit IV	Skill Development Part II a) Editing news letter b) How to write an application c) Preparation of resume d) Group discussion e) Computer skills
Unit V	Environmental and Societal Aspects a) Interaction with nature b) Ecotourism c) Social responsibility d) Industry visit	Grade	‘O’ = 80% & above, ‘A’ = 70 – 79.99%, ‘B’ = 60 – 69.99%, ‘C’ = Below 60%



**VIDYA PRASARAK MANDAL'S
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Certificate

This is to certify that **Mr. Durgesh Patil** of **T.Y.B.Sc.** from **Department of Botany** has successfully completed **Diploma Course of Research Scholar Programme (4 Credits)** with **‘A’** Grade during academic years 2019-2021.

Date: 28/02/2021


Dr. Moses Kolet
I/C Principal


Dr. Urmila Kumavat
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Certificate

This is to certify that *Ms. Namrata Sor* of *T.Y.B.Sc.* from *Department of Chemistry* has successfully completed *Diploma Course of Research Scholar Programme (4 Credits)* with ‘*C*’ Grade during academic years 2019-2021.

Date: 28/02/2021


**Dr. Moses Kolet
I/C Principal**


**Dr. Urmila Kumavat
Coordinator,
Research Scholar Programme**

Diploma Course of Research Scholar Programme (4 Credits)

Duration – 24 Months

Content – Mini Research Project & Course Modules

Title of Project - Use And Awareness Of Social Media Tools By UG Students

Name of the Research Guide - Mrs. Kadambari Manjrekar & Dr. Urmila Kumavat

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Certificate

This is to certify that **Ms. Shreya Pabrekar** of **T.Y.B.Sc.** from **Department of Botany** has successfully completed **Diploma Course of Research Scholar Programme (4 Credits)** with **‘B’** Grade during academic years 2019-2021.

Date: 28/02/2021


Dr. Moses Kolet
I/C Principal


Dr. Urmila Kumavat
Coordinator,
Research Scholar Programme

Diploma Course of Research Scholar Programme (4 Credits)

Duration – 24 Months

Content – Mini Research Project & Course Modules

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