



Savitribai Phule Shikshan Prasarak Mandal's
LOKNETE GOPINATHJI MUNDE ARTS, COMMERCE AND SCIENCE COLLEGE
 MANDANGAD, DIST. RATNAGIRI- 415 203.(M.S.)


(Affiliated to University of Mumbai)
 * NAAC RE-ACCREDITED GRADE "B+" * ISO 9001:2008 Certified
 (E-mail. maccmandangad@rediffmail.com)

DEPARTMENT OF BOTANY

Report of Student Centric Problem Solving Teaching Learning

Academic Year :- 2017-18.

Semester :- V

Type	Problem Solving Teaching Learning		
Sub Type	Project		
Department / Subject	Department Of Botany Plant Diversity-IV		
Class	T.Y. B.Sc.		
Brief of Activity	<p>T.Y. B.Sc. Semester Vth syllabus includes the study of seven families with their description, classification, identification and economic importance of at least one plant. With this view project on the topic "Study of cucurbitaceae family members used as vegetable in Mandangad Area"</p> <p>With the project work student demonstrated her capability of plant family member identification and their importance for human beings as vegetables. Project task enable student to reach beyond classroom and become new knowledge builders and active life long learner.</p>		
List of Student Participant	Project		
	Date- 18/09/2017		
	Sr.No.	Roll No.	Student Name
1	1	Bhatkar Ruksar	
Geo tag Photo			
	Date : 18/09/2017, Research Project		

Dr. Ghodke S.A.



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4/10
Vice Principal
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Outcome of Student Centric Problem solving Teaching Learning

- With the project work student gain the proficiency in the use of key and identification manual for identifying any unknown plant.
- Student become capable of when and how to use which tool for study like floras, keys, internet etc
- Good planning and critical thinking power develop while studying various members.
- Student got exposure to study plant diversity in local area.
- project work helps and promote the student in research field.

[Signature]
Dr. Ghadye S.A.

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DEPARTMENT OF BOTANY

Report of Student Centric Problem Solving Teaching Learning

Academic Year :- 2017-18.

Semester :- VI

Type	Problem Solving Teaching Learning								
Sub Type	Project								
Department / Subject	Department Of Botany Plant Diversity-IV								
Class	T.Y. B.Sc.								
Brief of Activity	T.Y. B.Sc. Semester VI th Plant Diversity -IV syllabus includes the study of Families with morphological reproductive characters. With this view project on the topic "Leaf diversity" was given. With the help of acquired knowledge student studied various plants with respect to leaf diversity in the surrounding area and noted variations in their shape, margins etc.								
List of Student Participant	Project Date- 12/02/2018 <table border="1" style="width: 100%;"> <thead> <tr> <th>Sr.No.</th> <th>Roll No.</th> <th>Student Name</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1</td> <td>Bhatkar Ruksar</td> </tr> </tbody> </table>			Sr.No.	Roll No.	Student Name	1	1	Bhatkar Ruksar
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1	1	Bhatkar Ruksar							
Geo tag Photo	 <p style="text-align: center;">Date : 12/02/2018 , Research Project</p>								

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Outcome of Student Centric Problem solving Teaching Learning

- With the project work student gain the proficiency in the use of manuals for identifying any unknown plant.
- Student become capable of when and how to use which tool for study like, keys, internet etc
- Good planning and critical thinking power develop while studying various members.
- Student got exposure to study plant diversity in local area.
- project work helps and promote the student in research field.

He.

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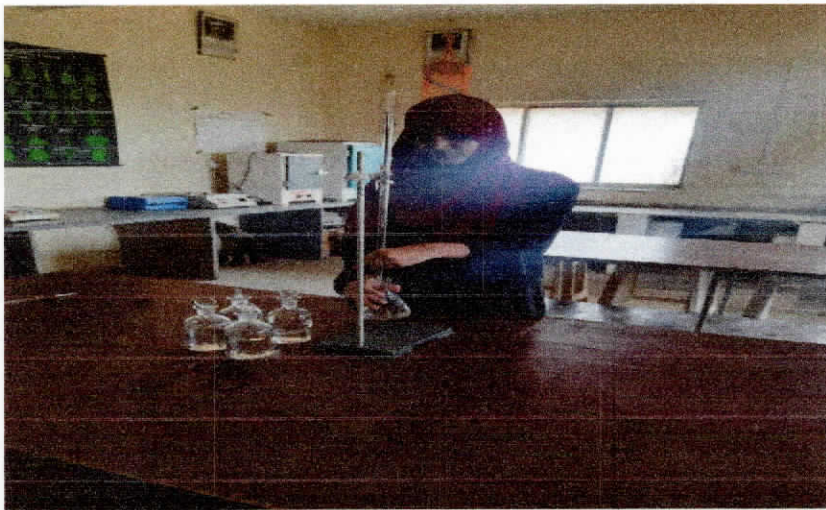
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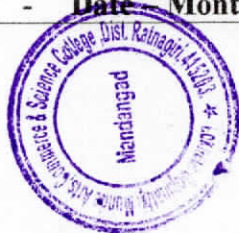
Department of Botany

Report of Student Centric Participative Teaching Learning

Academic Year: - 2017-18

Semester: - Vth

Type	Problem Solving Teaching Learning							
Sub Type	Curriculum based – Research Project							
Department / Subject	Department of Botany Botany Paper- II nd (Form and Function II)							
Class	T.Y. BSc							
Brief of Activity	<ul style="list-style-type: none">- Research Topic – Estimation of BOD of waste water of Mandangad city.- Date – Month of August 2017- Brief Description- BOD is the biological method used for the measurement of the total amount of dissolved oxygen (DO) used by microbes in the biological process of metabolizing organic molecules present in water.							
List of Student Participant	<table border="1"><thead><tr><th>Sr.No.</th><th>Roll No.</th><th>Student Name</th></tr></thead><tbody><tr><td>1</td><td>03</td><td>BHATKAR RUKHSAR A GANI SULTANA</td></tr></tbody></table>		Sr.No.	Roll No.	Student Name	1	03	BHATKAR RUKHSAR A GANI SULTANA
Sr.No.	Roll No.	Student Name						
1	03	BHATKAR RUKHSAR A GANI SULTANA						
Geo tag Photo	 <p>- Date - Month of August 2017</p>							





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Outcome of Student Centric Problem Solving Teaching Learning

1. Its enhance students Confidence.
2. It provides students with an opportunity to gain professional values, knowledge, and skills.
3. Research activities can be conducted under the guidance teacher helps students to they get knowledge about emerging area and help them to promote in Research aptitude.



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Department of Botany

Report of Student Centric Participative Teaching Learning

Academic Year: - 2017-18

Semester: - VIth

Type	Problem Solving Teaching Learning								
Sub Type	Curriculum based – Research Project								
Department / Subject	Department of Botany Botany Paper- II nd (Form and Function II)								
Class	T.Y. BSc								
Brief of Activity	<ul style="list-style-type: none">- Topic of Seminar- Estimation of protein content of germinating seeds of <i>Vigna aconitifolia</i> and <i>Vigna radiata</i> by Biuret Method- Date – Month of January 2018- Brief Description- The current era of speed and drastically advanced lifestyle Food intake has become one of the major work being neglected and least preferred. This situation resulted in huge cases of Protein deficiency and Malnutrition. In view of the above problems the current work aims to evaluate the protein content of selected pulses with a focus on comparing the protein content among the sprouted and unsprouted seedlings.								
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Geo tag Photo									
	Date – Month of January 2018								


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