

## **RESEARCH PROJECTS**

The Department of Botany has a commendable record of successfully completing various research projects under the prestigious Avishkar Research Convention, a platform that encourages innovation and research among students at the college level. Over the years, the department has undertaken and completed several impactful projects, contributing significantly to the field of Botany and environmental science.

<b>Sr. No</b>	<b>Project title</b>	<b>Year</b>
<b>1</b>	Study of Effect of Storage Temperature on the Keeping Quality of Various Edible Oils.	<b>2014-15.</b>
<b>2</b>	Effect of air pollution on different physiological parameters of <i>Alternanthera sessilis</i>	<b>2015-16</b>
<b>3</b>	Root induction in <i>in vitro</i> regenerated shoots of <i>Muntingia calabura</i> Linn.	<b>2017-18</b>
<b>4</b>	Study of Physico-chemical Parameters of Lake Waters in Panvel Area	<b>2018-19</b>
<b>5</b>	Synthesis of ZnO nanoparticles from <i>Mansoa alliacea</i> their characterization and study of antimicrobial activity.	<b>2019-20</b>
<b>6</b>	“Floristic Study of Angiosperms of Kankeshwar”	<b>2020-21</b>
<b>7</b>	“Floristic Study of Angiosperms of Tungareshwar”	<b>2021-22</b>
<b>8</b>	Study of Physico-chemical Parameters of Soil in the Rhizosphere of Medicinal Plants	<b>2022-23</b>
<b>9</b>	Unveiling the Thermal Dynamics of Vitamin C in Fresh and Packaged Fruit Juices	<b>2023-24</b>