



II विद्याविनयेनशोभते II

**Changu Kana Thakur Arts, Commerce and Science College, New Panvel  
(Autonomous)**

Re-Accredited 'A+' Grade by NAAC

'College with Potential for Excellence' Status Awarded by University Grants Commission  
'Best College Award' by University of Mumbai

**Department of Biotechnology**

**Research Projects**

**Research Projects**

**A) Minor Research Projects completed:**

Sl. No.	Principal Investigator	Title of the project	Funding agency	Grant received	Date of Submission
1.	Mrs. L.R. Chavan	Potential of immobilized silicate solubilizing bacteria from rhizospheric soils in Raigad district to alleviate metal phytotoxicity	University Of Mumbai	40,000/-	10/10/2017
2.	Mr. S. S. Ghadage	Isolation, Purification and Characterization of Antibacterial Peptide from Soil in Panvel region.	University Of Mumbai	30,000/-	15/11/2019
3.	Dr. S. S. Kokitkar	Production, Purification and Immobilization of $\beta$ -glucosidase from Cellulolytic Isolates of Raigad District and to Check Its Potential for Hydrolysis of Lignocellulosic Biomass for Bioethanol Production	University Grant Commission	4,50,000/-	30/07/2020

**B) Minor Research Projects ongoing:**

Sl. No.	Principal Investigator	Title of the project	Funding agency	Grant received	Date of Sanction
1.	Dr. S. S. Kokitkar Mr. S. S. Ghadage Mrs. L.R. Chavan Ms. R. D. Nanekar	Management of local fish waste by turning it into a valuable organic fertilizer: An eco-friendly approach	RUSA	1,00,000/-	10/10/2021

**C) Oral Presentations by the Faculty :**

	No. of Oral Presentations
International Level	<b>03</b>
National Level	--
State Level	--
Total	<b>03</b>

Name of all Authors	Title of the Paper	Name of Institute	Date of Presentation
S. S. Kokitkar, L. R. Chavan and S. A. Bhagat	Alleviation of adverse effects of salt stress in <i>Triticum aestivum</i> by foliar application of compatible solutes	Gopal Krishna Gokhale College, Kolhapur	7/11/2017
S. A. Bhagat S. S. Kokitkar and L. R. Chavan	Isolation of Chlorpyrifos degrading bacteria from contaminated soil and evaluation of their bioremediation potential	Gopal Krishna Gokhale College, Kolhapur	8/11/ 2017
Dr. S. S. Kokitkar and Ms. S. A. Bhagat	Screening and isolation of potential cellulolytic bacteria from soil and optimization of culture conditions for maximum cellulase production.	Prin. L. N. Welingkar Institute of Management, Development & Research, Matunga, Mumbai	20/12/2019

**D) Poster Presentations by the Faculty**

	No. of Poster Presentations
International Level	<b>Nil</b>
National Level	<b>01</b>
State Level	<b>Nil</b>
Total	<b>01</b>

<b>Name of all authors</b>	<b>Title of the paper</b>	<b>Name of Institute</b>	<b>Date of Presentation</b>
Ms. Sonali P. Dongare	Green synthesis of Benzimidazoles	Changu Kana Thakur College of Arts, Commerce and Science, New Panvel (Autonomous)	17/02/2020 TO 18/02/2020

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