

**Rayat Shikshan Sanstha's
Karmaveer Bhaurao Patil College Vashi, Navi Mumbai**

Teachers Research Project

Year 2018-19				
Sr No	Name of Faculty	Name of Department	Title of Project	Funding Agency
1	Mr A S Zende	Economics	A Role of construction workers welfare Board for their betterment in Maharashtra	Govt. of Maharashtra
2	Mr A S Zende	Economics	A study on construction workers welfare schemes in Mumbai Region	K.B.P College, Vashi
3	Ms Pratika Petare	Psychology	Effect of Birth Type on psychological resilience	
4	Dr Uka Suryawanshi	Physics	Cu ₂ O nanomaterials for enhanced photoactivity under visible irradiation	
5	Mr Aniruddha Phadake	Computer Science	E-Sketch drawing of wanted terrorist	
6	Ms Vrushali Raut	Computer Science	Big Data Analysis for brain tumor detection	
7	Dr Rajani Kumari Yeddulla	Biotechnology	Protein purification from Jamun seeds and its comparison with insulin	
8	Dr Tamboli Javed	English	Science, Technology and society: Examine Dystopian future through science fiction lens	
9	Dr Gurumeet Wadhawa and Yashwant Gaikwad	Chemistry	Synthesis of novel anti-tuberculosis agents using flow chemistry	University of Mumbai
10	Mr Sarang Bhagwat	Chemistry	Green Route to synthesis metal sulphides and its antimicrobial studies	University of Mumbai
11	Mr Vivek Bhoir	Commerce	A study of problems and prospects of proposed cluster	University of Mumbai

			development scheme by CIDCO for project affected people of Navi Mumbai	
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Research Project (Ongoing)

Sr No	Name	Subject	Title
1	Dr Harsha Goyal	Commerce	The Study of Role of Digital Marketing for the Growth of E- Business in Maharashtra”
2	Dr. Vivek Bhoir	Commerce	A Study of Problems And Prospects of Proposed Cluster Development Scheme by CIDCO For Project Affected People of NAVI MUMBAI
3	Mr C.D. Bhosale	Commerce	Study of Use of inventory cost controll techniques in small Scale Industries in Thane Belapur Industrial Belt
4	Dr Archana Chavan	Physics	Development of Graphene Oxide Based Electrode Materials for Sodium Ion Batteries
5	Dr Kamlesh Chandekar	Physics	Comparative study of cytotoxic effect of silver (Ag) coated MFe ₂ O ₄ (M= Co, Ni, Zn) ferrite for breast cancer application
6	Dr Paresh Gaikar	Physics	Chemical Synthesis of Polypyrrole and Metal Oxide Nanocomposite Electrode for Supercapacitor Application ”
7	Dr S. P. Yadav	Physics	Studies on synthesis and characterization of Nickel Doped Cobalt Ferrate Nanoparticles by the Auto Combustion Technique
8	Dr Gajanan Dhanorkar	Mathematics	Mathematical Modulation Techniques for Diffusion of Blood
9	Dr Shakil Shaikh	English	Visualization of Fiction for transforming inner self
10	Dr L.V Gavali	Chemistry	Green synthesis, characterization and antimicrobial activity of Mixed Ligand Metal Complexes.
11	Dr. Bipin Shinde	Chemistry	“De Novo Phytogetic Synthesis of Nano- materials

			for green Heterocycle synthesis”
12	Mr Sarang Bhagwat	Chemistry	Synthesis, Characterization of Zirconolite and substituted Zirconolite: its application for gas sensing.
13	Dr Arun Valavi	Chemistry	Solvent Effect on Reactivity of Aromatic Nucleophilic Substitution
14	Dr Gurumeet Wadhawa	Chemistry	Synthesis of Novel Antituberculosis agents using microwave approach
15	Mr Y.A.Gaikwad	Chemistry	Green protocol for studies on the synthesis of some potentially active heterocyclic compounds
16	Mr Prasad Mane	Chemistry	Green and sustainable protocol for the synthesis of biologically relevant heterocyclic compound
17	Dr V.A.Thakur	Chemistry	Geochemical Studies and Environmental Impact of Heavy metal concentration on ground and drinking
18	Dr Shubhada Nayak	Microbiology	Isolation and Identification of novel Biocellulose producing micro-organisms
19	Dr.Rajeshri Ghorpade	Microbiology	Isolation, Characterization and Application of Pigment Produced by <i>Serratia marcescens</i>
20	Dr Keshav Shinde	Microbiology	“Microbial Degradation and decolourization of textile industrial effluent from Thane District ”
21	Ashwini Somnathe	IT	“Real time human emotion detection and video recommendation system using CNN and deep learning”
22	Mrs. Madhuri Dinesh Gabhane	IT	Optimal machine learning based models to predict customer churn for Telco companies by using Big data.
23	Dr. Pooja Saurabh Satose	Bio-technology	In A Search of Potential Microalgae for Plastic (Polyethylene) Biodegradation
24	Mr. Nalawade Nilesh Balaso	Mathematics	Analysis of different fuzzy logics used in washing machine.

25	Tanvi Waman	Bio-Analytical	Extraction and characterization of oil from fish waste
26	Mr. Vineet Kala	Micro-biology	Isolation & identification of Mercury resistant Microorganisms from Lonar Lake
27	Ms. Chandrakala K. Mhatre	Commerce	A Study of Rehabilitation Measures implemented by CIDCO for Project Affected People of Navi Mumbai
28	Ms. Sneha Vishnu More	Management	A Study of Impact of Corporate Social Responsibility on Job Satisfaction of Employees in small and medium enterprises with special reference to Navi Mumbai
29	Miss. Sonam A. Singh	Management	“ Impact of Social Media on Consumers Buying behaviour of online shopping in Navi Mumbai”