



Prof. Dr. Avinash S. Jagtap
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PRINCIPAL

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॥ सिद्धिरनेकान्तात् ॥

Anekant Education Society's

TULJARAM CHATURCHAND COLLEGE

of Arts, Science and Commerce, Baramati - 413102.

Dist. Pune. Maharashtra, India.

Empowered Autonomous Status

Religious Minority Institute

NAAC Reaccredited 'A+' Grade, CGPA 3.55

NAAC-SSR

Cycle IV



2019 - 2024

Criterion- III : Research, Innovations and Extension

3.1.2 The institution provides seed money to its teachers for research

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List of faculty who have been provided with seed money for research along with the title of the project, duration and amount year-wise

Sr. No.	Name of Guide	Name of Student	Title of the Project	Duration	Total Amount	Link of Evidence
1	Prin. Dr. C. V. Murumkar	Sayyad S.J.	Effect of NaCl salinity on in-vitro phosphate metabolism in Chick-pea	12-10-2019 One Year	4000/-	
		More R..B.	Effect of proline on In- vitro chlorophyll degradation in light variable in Chick-pea		4000/-	
		Patil A. B.	Effect of NaCl salinity on in-vitro nitrate metabolism in Chick-pea		4500/-	
2	Dr. S. J. Chavan	Sutar V. S.	Comparative Study of nanoparticle of some ex-situ conserved bryophytes and in-vitro culture of <i>Plagiochasma</i> from Sayghar, Pachgani	12-10-2019 One Year	5000/-	
		Khamgal A. M	Comparative Study of nanoparticles of some ex-situ conserved bryophytes and in-vitro culture of <i>Anthoceros</i> from Sayghar,		5000/-	

			Pachgani			
		Gawade U. S.	Ex-situ conservation and fungal mycoflora of some bryophytes from Sayghar, Pachgani		5000/-	
		Nale S. S.	Ex-situ conservation and fungal mycoflora of some bryophytes from Sayghar, Pachgani		5000/-	
3	Dr. B. S. Mali	Wagh P. B.	Antifungal activities in <i>Triunthema portulacastrum</i>	12-10-2019 One Year	5,000/-	
		Shinde S. J	Green synthesis of silver nanoparticles fro <i>Pentatrophis nivalis</i>		5000/-	
		Rumne V. S.	Biosynthesis and Characterisation of silver nanoparticles from <i>Triunthema portulacastrum</i>		5000/-	
4	Dr. A. B. Telave	Lalge V. S	Identification, isolation and characterisation of fungi from mangroves habitat	12-10-2019 One Year	10000 /-	
		Takle H. V.				
		Kolekar R. N.	Chemical screening of rhizosphere of <i>Sonneratia apetala</i> for phytoremediation potential		5000/-	
5	Dr. M. B. Kanade	Taware R. D	Assessment of relationship between fungal flora with macronutrient profile of soil from wheat field.	12-10-2019 One Year	5000/-	
		Shende A. N	Studies on relationship between fungal flora with macronutrient profile of soil from Sorghum field.		5000/-	
		Kadam P. G.	Investigation of relationship between fungal flora with macronutrient profile of soil from maize field		5000/-	



6	Dr. R. D. Chitale	More A. A.	Extraction of phenolic compounds from the different plant part <i>Withania somnifera</i>	12-10-2019 One Year	4000/-	
		Shende S. S.	Isolation and utilization of fresh water algae		3,500/-	
		Galande S. R.	Aeromycological survey of banana crop from Baramati area.		3500/-	
		Dhumal S. A.	Study of fresh water algae from Baramati area		3500/-	
		Sawant Kanchan	Isolation, identification and screening of PHB producing cyanobacteria		4000/-	
7	Dr. M. P. Patil	Patil S. S.	Cytotoxicity studies in <i>Martynia annua</i> Linn	12-10-2019 One Year	5000/-	
		Gadhve C. S.	Phytochemical studies in <i>Putranjiva roxburghii</i> Wallich		5000/-	
		Fulari M. G.	Extraction and characterization of tannins from <i>cassia auriculata L.</i>		3700/-	
8	Dr. S.A. Deshmukh	Ms. K.D. Jadhav Ms. Pracheta Bharti	Determination of ca in foods by using AAS and Titrimetric method	12-10-2019 One Year	21000 /-	
9	Mr. S.N. Pawar	Prajakta S. Magdum	Phytochemical screening of medicinal plants by using different analytical techniques	12-10-2019 One Year	40000 /-	
10	Dr. D.S. Pakhare	Miss. Ashwini S.Mohite Miss. Shaikh Farhin H.	Method development & assay validation of Niacin drug by using UV visible spectroscopic methods in different pharmaceutical products.	12-10-2019 One Year	20000 /-	
11	Dr. R. S. Bhondwe	Mr. Mulani Soheli Mr. Taware Prssant	Method Validation of pharmaceutical drug by using UV Visible spectroscopic methods	12-10-2019 One Year	20000 /-	
12	Dr. S. T. Pawar	Chougule Komal	Extracellular Bacterial Synthesis of ZnO	12-10-2019 One Year	9000/-	



		Kagwade prachi Ingale Amruta	nanoparticles and it's antibacterial activity against human pathogens.			
13	Dr. M.H. Gajbhiye	Borawake Shrutu Bhange Aparna	Isolation and Characterization of Keratinase Producing Bacteria and their Application in Feather Waste Management	12-10-2019 One Year	12000 /-	
14	Dr. Y.R. Mulay	Gaikwad Kajal Pansare Geetanjali	Amylase production optimization by using Plackette and Burman esign from Aureobasidium pullulans.	12-10-2019 One Year	11000 /-	
15	Mr. D.V. Doshi	Shinde Kshitija Navale Mrunal	Study of Incidence of E.coli in Poultry Feeds and increase of life of live stock	12-10-2019 One Year	8000/-	
16	Mrs. K.R. Jagtap	Doshi Sayali Dhapate Puja Walwekar Seema	Studies on Pectinase enzyme and its application.	12-10-2019 One Year	8000/-	
17	Miss. S.P. Owl	Markale Prajakta Pingale Mrunal	Biosynthesis of silver and copper oxide nanoparticle from otic bacteria and its antimicrobial activity.	12-10-2019 One Year	8000/-	
18	Mrs.P.C. Bhosale	Yele Yogesh Rupnawar Mayur Shitole Shubham	Application of bio-surfactant for microbial enhanced oil recovery (MEOR)	12-10-2019 One Year	8000/-	
19	Mr. A.A. Kalumbe	More Gayatri Bhoite Nikita Ghule Sonali	Isolation of aminocyclopropane-1- carboxylic acid (ACC)- deaminase producing bacteria & screening for multifarious plant growth promoting traits alleviates salinity stress rice (oryza sativa) plants.	12-10-2019 One Year	8000/-	
20	Miss. S.U. Jadhav	Takade Shubhan Patil Sourabh Chougule Sushant	Study of Incidence of E.coli in Poultry Feeds and increase of life of live stock	12-10-2019 One Year	6000/-	



21	Mrs.M.P. Madane & Miss.D.D. Chavan	Bhavana Lonlar Bhoite Nikita	MICROBIAL SYNTHESIS OF ZINC OXIDE NANOPARTICLES AND IT'S ANTIMICROBIAL ACTIVITY.	12-10-2019 One Year	8500/-	
22	Mrs D.M.Anaat	Miss. Dixita Doshi	Web Portal for Electrical Shop	12-10-2019 One Year	12000	
23	Miss.A.N.Kadam	Moiss. Tejal Ahuja	Computer Online E-Learning Classes	12-10-2019 One Year	12000	
24	Miss. P. K. Waghmare	Wagh S. M.	Evaluation of effect of pesticide on mitosis in Allium cepa	12-10-2019 One Year	5500	
25	Miss. P. K. Waghmare	Kate PR	Green synthesis of silver and iron nanoparticles for water purification	12-10-2019 One Year	5500	
26	Dr. Y. G. Gaikwad	Bhonsle S. S	Prediction of potential antifungal drug through computer assisted drug designing."	12-10-2019 One Year	4500	
27	Dr. Y. G. Gaikwad	Naradage S. S.	Molecular docking study for potential drugs against Staphylococcus aureus	12-10-2019 One Year	4000	
28	Mr. S. P. Chordiya	Jagtap V. R	Detection of heavy metals from tilapia fish available in local market	12-10-2019 One Year	4500	
29	Mr. S. P. Chordiya	Pawar V. V	Diversity of Butterflies from botanical garden of Tuljaram Chaturchand college of Baramati	12-10-2019 One Year	5500	
30	Mr. G. A. Khude	Lonkar D. G.	Chicken egg shell mediated synthesis of AgNPs it's characterization and study of different activity.	12-10-2019 One Year	4000	
31	Dr. Y. G. Gaikwad	Shah S. V.	Diversity of moths in and around Baramati area	12-10-2019 One Year	3500	
32	Dr. Y. G. Gaikwad	Momin R. G	Preparation of attractant and repellent of household	12-10-2019 One Year	3500	



			pests			
33	Mr. G. A. Khude	Bhosale. N. S	Biosynthesis Of Silver Nanoparticles Usang Banana Peel Extract And Evolution of Its Bioactivity	12-10-2019 One Year	4000	
34	Mr. G. A. Khude	Gaikwad M. N.	green synthesis of AgNO ₃ and its effect on (Angiogenesis) in chicken model. Screening of aqueous plants extract for antimicrobial activities	12-10-2019 One Year	5000	
35	Dr. Y. B. Gaikwad	Biramale R.S.	Screening of aqueous plant extract for antibacterial activities	12-10-2019 One Year	3500	
36	Mr. V. D. Bedre	Bhosale P. G.	To Asses the protein content in muscles of locally found Labeo rohita and Oreochromis niloticus from high polluted water and less polluted water of the Bhima river	12-10-2019 One Year	4000	
37	Dr. V. B. Nale	Madane K. P.	Effect of Eucalyptus (Nilgiri) and Mint (Pudina) leaf extract on Developmental stages of Musca domestic	12-10-2019 One Year	4500	
38	Dr. V. B. Nale	Bagav P. V.	The effect of Annona squamosa and Calotropis gigantea plant extract on developmental stages of Musca domestica	12-10-2019 One Year	4500	
39	Mr. V. D. Bedre	Waghmode C.B	To assess the lipid content in muscles of locally found Labeo rohita and Oreochromis niloticus from high polluted and less polluted water of Bhima river	12-10-2019 One Year	3500	
40	Mr. G. A. Khude	Chavan H. P.	Calotropis procera L. Latex Mediated Synthesis of Copper Nanoparticles, it's Characterization and	12-10-2019 One Year	5000	



			Evaluation Of Bioactivity			
41	Dr. V. B. Nale	Kaygude KK	Effect of Parthenium hysterophorus extract on Drosophila melanogaster	12-10-2019 One Year	5000	




Principal
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