



Prof. Dr. Avinash S. Jagtap
M.Sc. Ph.D.
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


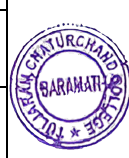
Cycle IV

2019 - 2024

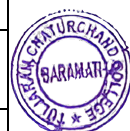
Criterion- III : Research, Innovations and Extension

3.1.2 Q_nM The institution provides seed money to its teachers for research

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 Student	Research Guide	Title of the Project	Duration	Total amount	Link of Evidence
1	Mandhare Pratiksha S	Dr.S.J.Chavan	Rhizosphere soil analysis of some bryophytes	21/12/2021 One Year	1500	 
2	Darade Varsha B	Dr.S.J.Chavan	Anti- microbial activity of some moss extracts of bryophytes	21/12/2021 One Year	2500	
3	Shinde Sharmila P	Dr.A.B.Telave	Survey and digitalization of campus flora using QR code with reference to pteridophyt & gymnosperm”	21/12/2021 One Year	3000	
4	Pathak Manali R	Dr.Mrs.R.D.C hitale	Isolation of rhizosphere soil fungi from pomegranate field by using PDA media.	21/12/2021 One Year	2500	
5	Bhale Sayali B	Dr.Mrs.M.P.Pa til	Survey and digitalization of campus flora using QR code with reference to garden trees.	21/12/2021 One Year	3000	
6	Bhise Akshay A.	Dr.A.B.Telave	Review and digitalization of campus flora using QR code with references through ground trees.	21/12/2021 One Year	3500	
7	Dhumal Vishwajeet P.	Dr.Mrs.R.D.C hitale	Studies on Phylloplane Microflora From Economic crop -plant In Phaltan region.	21/12/2021 One Year	4000	
8	Mujawar Arbaz T.	Dr.Mrs.R.D.C hitale	Isolation and identification of Rhizosphere soil fungi <i>Cicer arietinum</i> from Phaltan Tehsil	21/12/2021 One Year	4000	
9	Metkari Tahir H.	Dr.Mrs.M.P.Pa til	Physiological studies in <i>Artemisia pallens</i> Wall.ex DC	21/12/2021 One Year	2500	
10	Yadav Vaishnavi S.	Dr.B.S. Mali	Physico chemical characteristics of soil supporting sugarcane farms from various districts	21/12/2021 One Year	2500	

11	Ambike Dipali P.	Dr.B.S. Mali	Physico chemical characteristics of soil supporting sugarcane farms from various district	21/12/2021 One Year	2500
12	Jagtap Apurva S.	Dr.B.S. Mali	Physico-chemical characteristics of soil supporting sugarcane farms from various districts.	21/12/2021 One Year	2500
13	Metkari Jayashri F.	Dr.A.B. Telave	Survey and digitalization of campus flora QR code with reference to cactus and succulents	21/12/2021 One Year	3500
14	Jagtap Prachi E.	Dr.Mrs.R.D.C hitale	Survey on dicotyledon plants in Indapur region, Dist-Pune, Maharashtra	21/12/2021 One Year	1500
15	Mulani Muskan A.	Dr.Mrs.M.P.Pa til	Assessment of antioxidant constituents of vegetable soybean seeds compared to mungbean	21/12/2021 One Year	3500
16	Khomane Pratiksha I.	Prin.Dr.C.V. Murumkar	Study of secondary metabolites in <i>Aegle marmelos</i>	21/12/2021 One Year	1500
17	Wagh Rutuja S.	Dr.Mrs.R.D. Chitale	Survey on monocotyledon plants in Indapur region, Dist-pune, Maharashtra.	21/12/2021 One Year	1500
18	Bhilare Trupti	Dr.B.S. Mali	Study of Physico-Chemical properties of soil supporting to strawberry in Mahabaleshwar .	21/12/2021 One Year	2500
19	Jagtap Aparna D.	Dr.Mrs.M.P. Patil	Nutrient composition of vegetable soybean seeds compared to grain soybean	21/12/2021 One Year	4000
20	Chavare Sanika B.	Dr.M.B.Kanad e	Study of primary & secondary metabolite from <i>Irpex</i> & <i>Microporus</i> .	21/12/2021 One Year	1500
21	Kate Snehal S.	Dr.A.B. Telave	Survey and digitalization of campus flora using QR code with reference to medicinal plant	21/12/2021 One Year	3000
22	Patil Sanjivani B.	Dr.Mrs.M.P. Patil	Survey and digitalization of campus flora using QR code with reference to garden trees.	21/12/2021 One Year	3000
23	Shinde Shraddha R.	Dr.M.B. Kanade	Bio-controlling of Powdery mildews using extract of bryophytes commonly available in Baramati area	21/12/2021 One Year	2500
24	Korake Rohini A.	Dr.Mrs.R.D. Chitale	Effect of Panchagavya on seed germination of <i>Capsicum annum</i> L.	21/12/2021 One Year	1500
25	Atkale Nikita P.	Dr.M.B. Kanade	Study of seed born mycoflora of chickpea	21/12/2021 One Year	1500
26	Bhosale Snehal D.	Dr.Mrs.R.D. Chitale	Survey on fungal diseases in agricultural crop plants in	21/12/2021 One Year	1500



			Baramati tehsil.		
27	Shaikh Parvej I.	Dr.S.J. Chavan	Preparation of standard protocol for blue green algae and culture, isolation and Quantification of blue green algae from tehsil of Baramati for nitrogen fixation.	21/12/2021 One Year	2500
28	Hivarkar Komal S.	Dr.S.J. Chavan	Estimation and analysis of carbohydrates and proteins from selected bryophytes.	21/12/2021 One Year	2000
29	Yewale Uma C.	Dr.Mrs.R.D. Chitale	Isolation and identification of mycoflora from rhizosphere soil of <i>Vigna radiata</i> L. from Baramati tahsil	21/12/2021 One Year	2500
30	Gadhawe Prajakta B.	Dr.M.B. Kanade	Isolation and identification of pathogenic fungi associated with <i>Vigna radiata</i> L.	21/12/2021 One Year	2000
31	Badekar Suruchi S.	Dr.B.S. Mali	Study of Physico-Chemical properties of saline soil from Phaltan Tahsil.	21/12/2021 One Year	1000
32	Pophale Sonali R.	Dr.A.B. Telave	Survey and digitalization of campus flora using QR code with refrance to butterfly garden.	21/12/2021 One Year	2500
33	Jadhav Sujeet P.	Dr.M.B. Kanade	Study on algal diversity in irrigated agricultue field from tehsil Koregaon , Dist.- Satara	21/12/2021 One Year	2500
34	Karve Namrata A.	Dr.Mrs.M.P. Patil	Survey and digitalization of campus flora using QR code with reference to campus trees.	21/12/2021 One Year	3500
35	Ambekar Revati C.	Dr.M.B. Kanade	Study of incidence of powdery mildew on family <i>Fabaceae</i> and <i>Cucurbitaceae</i> from Baramati area.	21/12/2021 One Year	2000
36	Ekatpure Amruta G.	Prin.Dr.C.V. Murumkar	Studies on secondary Metabolites in <i>Artemisia pallens</i>	21/12/2021 One Year	2500
37	More Triveni D.	Dr.M.B. Kanade	Allelopathic effect of algal extract on seedling growth of agricultural crop	21/12/2021 One Year	2500
38	Kolekar Anuradha K.	Dr.M.B. Kanade	Studies on algal diversity in agricultue field from Indapur tehsil , Dist.- Satara	21/12/2021 One Year	2500
39	Waghmare Komal B.	Dr.M.B. Kanade	Studies on fungal diseases of <i>Vigna aconitifolia</i>	21/12/2021 One Year	1500
40	Jadhav Vinayak H.	Dr.M.B. Kanade	Qualitative and Quantitative analysis of Aphylophorales in Pune district.	21/12/2021 One Year	2500



41	Suryawanshi Nisha B.	Dr.Mrs.M.P.Patil	Study of mineral and phenolic concentration of <i>Rhizobium</i> inoculated mungbean (<i>Vigna radiata</i> L.) Seeds	21/12/2021 One Year	1500
42	Mane Pratiksha M.	Dr.S.J.Chavan	Isolation and identification of post-harvest fungi from Grapes (<i>Vitis vinifera</i> L.)	21/12/2021 One Year	1500
43	Miss.Solankar Komal Tukaram Miss.Kolekar Shruti Hanumant Mr .Shaikh Faiyaz Sikandar Mr.InamdarAjit Dattatray	Prof. D.V.Munguskar	बारामतीशहरातीलमहाविद्यालयीनग्रंथालयातीलमानवीसंसाधनवार्थिकविकासाच्याव्यवस्थापनाचाअभ्यास.	21/12/2021 One Year	1000
			तुळजारामचतुरचंदमहाविद्यालयग्रंथालयातीलकोहायासंगणकआज्ञावलीचाअभ्यास		1000
			जामखेडतालुक्यातीललिंबूउत्पादकशेतकऱ्यांच्यामाहितीविषयकगरजांचाअभ्यास		1000
			वीरसावरकरसार्वजनिकग्रंथालयववाचनालयचाअभ्यास.केडगाव		1000
			सावित्रीबाईफुलेपुणेविद्यापीठपुणेथीलजयकरग्रंथालयातीलडेटाव्यवस्थापनसेवाग्रंथपालांच्याधोरणांचेसंशोधनयांचाअभ्यास		1000
44	Dr. wazid Ali Khan	1. Bagwan Saniya Parvej 2. Shinde Anjali Mahesh 3. Pisal Kajal Sunil 4. Parade Abhilasha dhanaji	Preservation of whole wheat flour Indian flat bread (Chapatti)	21/12/2021 One Year	30000/-
45	Dr. Wazid Ali Khan	1. Bagwan Saniya Parvej 2. Gengaje Rutuja Vijay 3. Waje Somnath Bhagwan 4. Naikwadi Akash Avinash	Formulation of Non-dairy Creamer for coffee	21/12/2021 One Year	30000
46	Dr.P.C.Pingale	1.Mr. Jadhav Omkar Anil 2. Mr. Gaikwad Shubham Ankush	Studies on spin coated TiO ₂ based nanocomposites films formed with phytochemical nanoparticles for their applications in photocatalytic disinfections	21/12/2021 One Year	24000/-



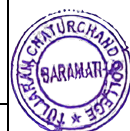
47	Dr.R.T.Sapkal	1.Miss. Pawar Meera Dattatray 2.Miss. Salunkhe Divya Shivaji	Studies on spin coated TiO ₂ based nanocomposites films formed with microwave assisted nanoparticles for their applications in photocatalytic disinfections	21/12/2021 One Year	24000/-
48	Dr.V.S.Mohite	1.Miss. Shinde Jyoti Vasant 2. Miss. Kadam Arti Gajanan	Studies on formation of plasmonic graphene nanocomposites formed with phytochemical technique for their solar thermal desalination	21/12/2021 One Year	24000/-
49	Mrs.S.E.Bhosale	1.Miss. Patharkar Shraddha Santosh 2. Miss. Dhame Ashwini 3. Miss. Bhambure Sayali Santosh	Purification of dairy waste water with nanocomposites and energy resource generation with multichamber biogas	21/12/2021 One Year	24000
50	PrathmeshMurkute Manasi Kadam	Prof. KothawaleA.S.	Design & Development of Smart Weather System for CollegeCampus Using IoT Technology”	21/12/2021 One Year	14500/-
51	Ketan Palande Viki Rite	Prof.Gawade.S .A	Cloud based industry automation control system	21/12/2021 One Year	15000/-
52	Khaire Kiran BeeraHousanna	Dr. A. M. Pawar	Development of IoT based Smart Waste Management System using Arduino.	21/12/2021 One Year	15000/-
53	Agawane Pragati	Prof. Rupanawar P. D.	IoT based mask and temperature scan system for covid suppression	21/12/2021 One Year	13000/-
54	Langote Arjun	Dr. S. N. Patil	Solar Panel Based Sun's Position Tracking System	21/12/2021 One Year	15000/-
55	AshviniRohidasKambl ShivanjaliPravin Ghogare	Mrs.R.S.Babar	Web PortalforAlumniManagement System	21/12/2021 One Year	6000
56	RajMahadeoKalokhe Nikhil MahadeoMohite	Mrs.R.S.Babar	Web PortalforShreeRam AgroAgency	21/12/2021 One Year	6000
57	NikitaVinayDhale AsawariAjitKambl e	Mrs.R.S.Babar	Website forTejClasses	21/12/2021 One Year	6000



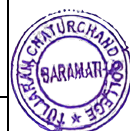
58	YashVijaykumarG andhi SachinManikPawar	Mrs.R.S.Babar	Web PortalforSKStudio	21/12/2021 One Year	6000
59	VrushaliVasantRaj pure PrajaktaUmakantK hadke	Miss.R.D.Baba r	WebPortalforKKMart	21/12/2021 One Year	6000
60	Asmita Balasaheb Ghadge	Dr. A. E. Kalange Mr. S. B. Kakade	“Synthesis and Characterization of TiO ₂ thin films by Spin Coating Deposition Method	21/12/2021 One Year	8000/-
61	Patil Sonal Dnyaneshwar	Dr. A. E. Kalange Mr. S. B. Kakade	“Synthesis and Characterization of Tin oxide thin film by Spin Coating Method”	21/12/2021 One Year	7000/-
62	Newase Meghana H. Newase Rutuja Laxman	Dr. A. E. Kalange Mr. S. B. Kakade	“Synthesis and Characterization of Metal oxide thin film by Thermal Evaporation Method”	21/12/2021 One Year	8000/-
63	Mote Nikita	Dr. R. D. Kale	“Synthesis and Characterization of NiCo ₂ O ₄ thin film for Supercapacitor application”	21/12/2021 One Year	8000/-
64	Pawar Ankita Sandesh Ghadge Kajal Madhukar	Dr. R. D. Kale Mr. S. B. Kakade	“Synthesis and Characterization of Metal oxide thin film by Electron Beam Deposition Method”	21/12/2021 One Year	7000/-
65	Bhagat Pandurang Janardan	Dr. R. D. Kale Dr. S. J. Rajoba	“Synthesis and Characterization of NiCo ₂ O ₄ nano particles for Li-ion battery application”	21/12/2021 One Year	8000/-
66	Gardi Asawari Sanjay Tormal Swati Navnath	Dr. S. B. Kulkarni	“Simple and Low-cost fabrication of a carbon soot (Carbon black) electrodes for supercapacitor via flame deposition”	21/12/2021 One Year	8000/-
67	Bhosale Pranoti Jayshing	Dr. S. B. Kulkarni	“Synthesis of porous activated carbon derived from lemon peels (<i>Citrus Lemon L.</i>) bio-waste as efficient supercapacitor electrode”	21/12/2021 One Year	7000
68	Holkar Ravina Ramchandra Bankar Snehal Dattatray	Mr. S. B. Kakade	“Synthesis and Characterization of SnO ₂ thin film by Thermal Evaporation method ”	21/12/2021 One Year	8000/-
69	Waghmode Manisha Vijay Waghmode Priyanka D. Yadav Pranali Sunil	Dr. S. J. Rajoba	“Synthesis and Characterization of Zn-doped PbS thin film for optoelectronic applications”	21/12/2021 One Year	8000/-



70	Khwaza Salma Kasim Jawale Akanksha Chandrakant	Dr. S. J. Rajoba	“Synthesis and Characterization of Cu-doped LiFePO ₄ nano particles for Li-ion battery application”	21/12/2021 One Year	8000/-
71	Shaikh Altab Suraj	Dr. G. S. Lonkar	Design and development of low- cost satellite tracking dish actuator.	21/12/2021 One Year	7000/-
72	Malave Saurabh Surykant	Dr. G. S. Lonkar	Design and development of high performance computing cluster for computational research using the not in use but working computers in the college.	21/12/2021 One Year	7000/-
73	Jagtap Komal	Dr. Shinde V. B.	Adjustment and happiness among diabetic patients	21/12/2021 One Year	3500/-
74	Awachar Bhagyashree	Prof. Awate J. N.	Job satisfaction and employee mental health among permanent and non-permanent employees	21/12/2021 One Year	5000/-
75	Bhise Vinayak	Dr. Dhame G. M.	Facebook usage , mobile phone , social networking addiction among higher secondary college students	21/12/2021 One Year	5000/-
76	Bagade Riya	Dr. Dhame G. M.	Meta cognitive skills, social and emotional maturity among adolescence	21/12/2021 One Year	5000
77	Mane Nilam	Dr. Dhame G. M.	Death anxiety and adjustment among old age peoples in Covid- 19 pandemic	21/12/2021 One Year	5000
78	Kanade Shital	Dr. Dhame G. M.	Sexual anxiety, sexual attitude & Attitude toward sex education undergraduate tudents.	21/12/2021 One Year	5000
79	Kambale Sachin Babaso	Mr. Lashkar Vinayak Subhash	Influence of caste on contemporary India	21/12/2021 One Year	5000/-
80	Agam Shrutika Suresh	Mr. Chavan Nitin Rajaram	भारती समाजातील महिलांची स्थिती	21/12/2021 One Year	4000/-
81	DESHPANDE MAITRAI BHAGWANT	Miss. Kale K.C.	To estimate sugarcane based ethanol Production over next decade	21/12/2021 One Year	10000/-
82	WABLE ESHWARI BHARAT	Miss. Kale K.C.	Impact of Social Media on Young during lockdown	21/12/2021 One Year	10000
83	SHINDE SAURABH RAGHUNATH	Mr. Swami C.P.	Study of Healthy/Unhealthy women and maintaining energy	21/12/2021 One Year	13500
84	BHOSALE ANKITA VINAYAK	Mr. Swami C.P.	Impact of Online Education On Students During COVID - 19	21/12/2021 One Year	14000
85	NALAWADE RUTUJA SHANKAR	Mrs. Zanjurane P.S.	Study of Prediction of Heart Failure	21/12/2021 One Year	10000



86	KUMBHAR NIKITA SAMBHAJI	Mrs. Zanjurane P.S.	Analyszing Data of Pradhan Mantri Jan Dhan Yojana	21/12/2021 One Year	14500/-
87	MHASE PRIYANKA SHANTARAM	Dr. Patil V.V.	Farmers Volatility Risk Treatment	21/12/2021 One Year	12500
88	MOHITE HARSHADA HANMANT	Mrs. Mohite P.M	Analysis of Share Prices of Selected Pharmaceutical Companies	21/12/2021 One Year	11500
89	BHOITE GAURI ARUN	Miss.Jagtap N.A.	Study of Indian Stock Market And Cryptocurrency	21/12/2021 One Year	9000/-
90	SHINDE DIVYA SOMNATH	Dr. Dhane N.K.	Tuberculosis(TB) in Baramati: A Time Series Analysis	21/12/2021 One Year	6000
91	JADHAV VISHAL VALMIK	Mrs. Wadkar S.D	Future of Electric and Hybrid electric Vehicles	21/12/2021 One Year	5500
92	MANKAR PRAJKTA SHAHAJI	Dr. Kakade V.C.	A Trend Analysis of Mutual Fund	21/12/2021 One Year	7000
93	Mane Aishwarya Shriram	Dr. Pradeep Sarvade	संत कबीर और संत तुकाराम के सामाजिक विचारों का तुलनात्मक अध्ययन	21/12/2021 One Year	5000
94	Bibe Shaila Dnyandev	Dr. Pratibha Jawale	ममता कालिया कृत 'एक पत्नी के नोट्स' उपन्यास में चित्रित नारी संघर्ष	21/12/2021 One Year	5000
95	Shitole Sahydri	Prof. Anita Jarande	Income tax Planning in India	21/12/2021 One Year	2000/-
96	Sonali Pawar	Prof. Anita Jarande	Nonperforming asset and how to deal with it.	21/12/2021 One Year	2000/-
97	Priyanka Mohanty	Prof.Chavan Deepali	Changes in marketing strategies as a impact of Covid 19	21/12/2021 One Year	2000/-
98	Radhika Nimbalkar	Prof.Chavan Deepali	Digital marketing and its impact on rural consumer.	21/12/2021 One Year	2000/-
99	Anuje Sayali Sagar	Dr.Pawar S.T	Isolation, characterization, and identification of exopolysaccharide producing bacteria from different industrial wastewater	21/12/2021 One Year	10000
100	Jadhav Tejaswini Madhukar	Dr. Gajbhiye M.H	Screening of ketratin degrading microbes their characterization and application in waste management	21/12/2021 One Year	10000
101	Chopade Neha Satish	Dr. Mulay Y.R.	Antimicrobial activity of nanoparticles and their applications	21/12/2021 One Year	10000



102	Bhosale Pooja Ganesh	Mr. Doshi D.V.	Bioethanol production from waste biomass	21/12/2021 One Year	10000
103	Kakade Megha Rajendra	Mrs. Jagtap Komal Ramchandra	Studies on tyrosine enzyme, source, structure, production, characterization, purification, and application of tyrosinase enzyme	21/12/2021 One Year	10000
104	Hore Sammed Ravsaheb	Mrs. Jagtap Komal Ramchandra	Green synthesis of magnesium oxide nanoparticle using <i>Trinella foenum- gracum</i> leaf extract and its antimicrobial activity	21/12/2021 One Year	10000
105	Gaikwade Trupti Nandkumar	Miss. Owal S.P.	Bacteriocin production and its application in food and pharmaceuticals	21/12/2021 One Year	10000
106	Devkate Nikita Tatyasaheb	Miss. Bhosale P. C.	Isolation, characterization and optimization of polythene degrading bacteria	21/12/2021 One Year	10000
107	Patil Sammed Sunil	Mr. Kalumbe A. A.	Isolation, characterization, and identification of exopolysaccharide producing bacteria from different soil.	21/12/2021 One Year	10000
108	Shendge Abhishek Anil	Miss. M. P. Madane	Synergistic antimicrobial activity of medicinal plants against isolated clinical pathogens.	21/12/2021 One Year	10000




 Principal
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