



**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 Q<sub>n</sub>M 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 guide	Name of students	Title of the project	Duration	Total amount	Link of Evidence
1	Prof. Bhunje G.S.	Ms. Hulage Sayali S. Ms.Sirsat Tejasvi B. Ms. Bhosale Aditi G.	Determination of ca in foods by using AAS and Titrimetric method	13/10/ 2022 One Year	8000	
2	Prof. Bhunje G.S.	Ms.Rupanawar Neha G. Ms.Gaikwad Sonali B. Ms.Latkar Akshada D. Ms.Lokhande Chaitrali H.	Method Validation of pharmaceutical drug by using UV Visible spectroscopic methods	13/10/ 2022 One Year	7000	
3	Prof. Bhunje G.S.	Mr.Kadam Pravin M. Mr.Gaikwad Punit M. Mr.Kshirsagar Suraj S.	Phytochemical screening of medicinal plants by using different analytical techniques	13/10/ 2022 One Year	7000	
4	Prof. Surnavar K.H	Mr. Jagtap Aniket Balaso Mr. More Akash Navnath Mr.Markad Akshay	Method development & assay validation of Niacin drug by using UV visible	13/10/ 2022 One Year	7000	



		Mahadev Atole Vishal Vijaykumar	spectroscopic methods in different pharmaceutica l products.			
5	Prof. Surnavar K.H	Mr. Gadadare Rohit Shamrao Mr.Mandhare Akash Anil Mr.Kolekar Kishor Ramesh	Anticancer property of Bryophyllum pinnata oken leaf on human cervical cancer cells	13/10/ 2022 One Year	10000	
6	Prof. Surnavar K.H	Ms.Gurav Gauri Devidas Ms. Chavan Monali Prakash Ms.Jagtap Bhagyashri Randas	Biosynthesis of silver nanoparticles using trachyspermu m ammi & evaluation of their antibacterial activites	13/10/ 2022 One Year	8000	
7	Prof. Surnavar K.H	Ms.Dhumal Shruti Suryakant Ms.Tamboli Muskan Faruk Ms.Mulik Shraddha Somnath	Phytochemica l Analysis of Some medicinal plants & its antioxidant activity	13/10/ 2022 One Year	8000	
8	Prof. Bhong A.N	Pore Sagar Pandurang Phadatare Kuldip Shivaji Phate Rushikesh Lalaso	Syntesis of Imidazol and its derivatives with characterizati on	13/10/ 2022 One Year	10000	
9	Prof.Bhong .A.N	Ghadge Pranita Dattatray kharbade Neha vishal Salunke Akshda Suresh	Determination of vitamin C (Ascorbic Acid )content in various fruits by UV – spectrophoto metry and Titration Method	13/10/ 2022 One Year	8000	



10.	Prof .Bhong A.N	Thorat pratiksha Rajendra Tekawade Bhagyashree Sampat Londhe Niraj Subhash	Formulation and analysis of Diclofenac Sodium effervescence tablet by using UV spectrophoto metry , IR spectroscopy ,FTIR	13/10/ 2022 One Year	8000	
11	Dr. Kale S.R.	Ms.Jadhav Akansha S. Ms.Panasakar Mayuri R. Ms.Pharande Prachi K.	Synthesis of dyes and pigment of phthalocynine ligand with various metals	13/10/ 2022 One Year	10000	
12	Prof. Torane B. R.	Mr.Chougule Akshay P. Mr.Patil Sammed R. Mr.Patil Abhinandan N. Birnale Sanket Suresh .Bele Rohan Mahaveer	Preparation of different metal complexes by using pyridine and halogen ligand and their characterizati on and applications	13/10/ 2022 One Year	12000	
13	Prof. Gadadare R. T.	Mr. Kharat Atul S. Mr..Rakate ajit S. Pawar Sakshi S. Pawar Shrutika S.	Synthesis of metal oxide nanoparticles &its characterizati on	13/10/ 2022 One Year	12500	
14	Prof. Gadadare R..T.	Miss.Nanavar e Mayuri Miss.Jawale Rupali J. Ghadge Nikita p. Ghanwat Amruta M.	Synthesis and characterizati on of metal nanoparticles using aloe vera extract	13/10/ 2022 One Year	12500	
15	Prof. Nale S. P.	Miss. Shinde vaishnavi C. Miss. Tembre Monali V. Mr. Atole Sahil D.	Phytochemica l studies and antioxidant activity of ashwagandha	13/10/ 2022 One Year	7000	



16	Prof. Nale S. P.	Miss. Gole Shivanjali S. Miss. Shaikh Shayara R. Mr. Kokare Shani A.	Synthesis and Characterization of Metal complexes with 2,2' bipyridyl & 1,10 phenanthroline	13/10/ 2022 One Year	9000	
17	Prof. Nale S. P.	Miss. Pujari Vaishnavi D. Miss. Somvanshi Rutika R. Miss Pisal Priti B.	Green synthesis of lanthanum oxide nanoparticles using Moringa oleifera leaves extract and it's biological activity	13/10/ 2022 One Year	8000	
18	Prof. Pirale G.D.	Mr. Nanaware Anup J. Mr. Dhawade Rahul M. Atole Nikhil N.	Synthesis, characterization and antimicrobial properties of bimetallic heteronuclear complexes	13/10/ 2022 One Year	9000	
19	Prof. Pirale G.D.	Shete Sonal K. Shelar Sonali R. Hake Ankita M.	Synthesis and Characterization of mixed ligands complexes	13/10/ 2022 One Year	8000	
20	Prof. Pirale G.D.	Miss Kale Damini D. Kharat Smita S. Kadam Shefali M	Synthesis, characterization of oxide nanoparticles and its antimicrobial activity	13/10/ 2022 One Year	8000	
21	Prof . Gandhi R. R.	Miss. Jadhav Monali V. Miss. Jadhav Shrutika D. Miss. Ingawale Shital K.	Synthesis and characterization of metal complex & their antimicrobial study	13/10/ 2022 One Year	8000	
22	Prof. Torane B. R.	Mr. Ghatge Akhil P. Miss. Patil	Synthesis of metal complex by	13/10/ 2022 One Year	8000	




		Monali B. Miss. Nimbalkar Mohini S.	using 2 aminopyridine , characterizati on and application			
23	Prof. Dhudhe M.D.	Mr. Gawade Dinesh P. Miss. Sawant Kalyani K. Miss. Shinde Snehal B.	Synthesis and characterizati on of metal carbonate nanopartical and biocompabilit y	13/10/ 2022 One Year	9000	
24	Dr. S. R. Kale	Ms. Arjun Bhagyashree. D. Ms. Patnas Saloni A. Ms. More Prerana J. Bhoite Komal N.	Synthesis of Silver nanoparticles and study of their interaction with $\beta$ - carboline	13/10/ 2022 One Year	15000	
25	Dr. Bhondwe R.S	Mr. Kiran Zinzurte Mr. Koustubh Jagtap Mr. Kapre Ranjeet	Green synthesis of heterocyclic compounds, characterizati on and theoretical study.	13/10/ 2022 One Year	8000	
26	Dr. Bhondwe R.S	Mr. Narale Sachin Mr. Ketan Pawar Mr. Zargad Vaibhav Mr. Aman Shaikh	One pot multicompon ent synthesis and characterizati on of heterocyclic compounds	13/10/ 2022 One Year	8000	
27	Dr. Bhondwe R.S	Ms. Sonawane Sampada S. Ms. Lonkar Dipti D. Ms. Gandhi	Synthesis, Characterizati on and biological activity of N Heterocyclic compounds.	13/10/ 2022 One Year	8000	



		Parin B. Ms. Utale Tejasvini				
28	Dr. Dige N. C.	Mulani Arshad S. Pawar Kedar G. Navale Saurabh S.	Synthesis and characterization of Heterogeneous catalyst and their application in organic synthesis.	13/10/ 2022 One Year	11000	
29	Dr. Dige N. C.	Jagtap Chaitrali A. Pandhari Pallavi P. Khatavkar Pratiksha R. Kale varsha k.	Synthesis and Characterization of ionic liquids and their application in heterocycle synthesis	13/10/ 2022 One Year	11000	
30	Dr. Dige N. C.	Shinde Rahul M. Kale Ganesh S. Satav Satyam Sandip	Synthesis and Characterization of heterocyclic compound and their biological activity	13/10/ 2022 One Year	11000	
30	Deokate S. A	Mr. Shinde Pratik K Miss.Walke Sanjivani K. Miss Atole Komal T.	Simple and green synthesis of heterocycles using DMSO /I <sub>2</sub> and their characterization	13/10/ 2022 One Year	10000	
31	Deokate S. A	Miss. Kate Pranali V. Miss Fugare Nisha G. Mr. Pawar Purushottam Tanaji	Synthesis, Characterization and antimicrobial activity of bivalent heterocyclic compound	13/10/ 2022 One Year	9000	
32	Deokate S. A	Mr. Ligade Rahul Balaso	Synthesis, characterization and applications	13/10/ 2022 One Year	9000	



		Miss Deshmane Vaishavi Vivek Mr. Kanade Nikhil Vilas	of transition metal nanoparticles			
33	Shaikh F. H.	Metkare A. D. Dubal.V.A. Sawalwade A.A.	Synthesis of thiazolyl Schiff bases and study of their transition metal complexes	13/10/ 2022 One Year	10000	
34	Shaikh F. H	Ballal D.D. Awale R.N. Sodmise M.B.	Synthesis of $\beta$ -carboline and their metal complexes	13/10/ 2022 One Year	9000	
35	Shaikh F. H	Chavan H. Pise A.A. Kashid S. N.	Synthesis of tryptophane based Schiff bases and their metal complex formation	13/10/ 2022 One Year	9000	
36	Dr. Pakhare D. S.	Sayyad N. G. Masal G. V. Arkas M. N. Sangwar P. S.	Synthesis and antimicrobial and anticancer evaluation of thiazolyl and pyrazyl $\beta$ - carbonline and their metal complexes	13/10/ 2022 One Year	15000	
37	Mrs. S.P.Patil	Pareek Madhusudan Pandiya Suryaprakash Pawar Subham	Super Kids Application	13/10/ 2022 One Year	4000/-	
38	Mrs. S.P.Patil	Bhujbal Aniket Dangat Pratik Kokate	Computer Online E- Learning Classes	13/10/ 2022 One Year	4000/-	

		Omkar				
39	Ms. M.R.Saste	Sapkal Sayali More Rajeshwari Kapse Swapnali	Web Portal for Unique Gift Shop	13/10/ 2022 One Year	4000/-	
40	Ms. M.R.Saste	Waghmare Anushka Rasal Aniket Kharat Dipak	Web Portal for Electrical Shop	13/10/ 2022 One Year	4000/-	
41	Ms. R.D.Babar	Rajpure Sanika Dhavale Dnyaneshwari Garale Rohini	Web Portal for Amruta Bakery Shop	13/10/ 2022 One Year	4000/-	
42	Ms. R.D.Babar	Langute Shubham Deshmukh Suraj Parkale Saurabh	Web Portal for School Management	13/10/ 2022 One Year	4000/-	
43	Ms. R.D.Babar	Bhujbal Omkar Londhe Rohan Gardi Gaurav	Web Portal for Omkar General Store	13/10/ 2022 One Year	4000/-	
44	Mrs.J.P.Ghar ge	Baramatiwala Fatema Shahane Mansi Mujawar Aayasha Kurumkar Harshada	Web Portal for Laxmi Jewellers	13/10/ 2022 One Year	4000/-	





45	Mrs.J.P.Ghar ge	Limkar Nayan Pokar Vaishnavi Jadhav Harshada Gaikwad Shubhangi	Web Portal for Mahalaxmi Timber Mart	13/10/ 2022 One Year	4000/-	
46	Prin. Dr. C. V. Murumkar	Gaikwad vaibhavi vishnu	Effect of sodicity on germination of chickpea (Cicer arientium L.) under salinity.	13/10/ 2022 One Year	2900	
48	Emer. Prof .Dr. S. J. Chavan	Wagh Snehal Sharad	Study of biological, antimicrobial properties and germination effect on some oil seed crops of mosses	13/10/ 2022 One Year	3400	
		Ramdasi Nikita Mukunda	study on nitrogen metabolism, enzyme activity and synthesis of silver nitrate nanoparticles in mosses	13/10/ 2022 One Year	3400	
		Taware manjusha rajendra	Study of biological,anti microbial properties and germination effct on indigenous crop seeds of liverworts	13/10/ 2022 One Year	3900	
		Raut Amit Anil	Study on nitrogen metabolism ,enzyme activity and synthesis of silver nitrate mano	13/10/ 2022 One Year	3400	



			particles of liverworts and hornworts			
		Gaikwad Ranjit	Studies on secondary metabolites, physiological and chemical parameters of some Bryophytes	13/10/ 2022 One Year	4400	
		Kale Snehal Sanjay	Charachterisation of some liverworts, mulberry plant and combined effect on germination of pulses,cicer and mung	13/10/ 2022 One Year	3400	
49	Prof .Dr.B.S. Mali	Torane pooja Dilip	Role of vermin on growth of Tomato	13/10/ 2022 One Year	2900	
		Lonkar Srushti Dadaso	Role of vermicompost on growth of Brinjal (Solanum melongena L.)	13/10/ 2022 One Year	2400	
50	Prof .Dr. M. B. Kanade	Bodare Nikita Pradip	Isolation and identification of fresh water fungi from some natural reservoirs from Baramati tahsil	13/10/ 2022 One Year	4400	
		Supekar Snehal Chandrakant	Studies on rhizosphere soil fungi of <i>Vigna radiata</i> L. and characterizati on of dominant rhizosphere soil fungi for qualitative	13/10/ 2022 One Year	3400	



			and quantitative analysis of primary and secondary metabolites			
		Gaikwad Uma Shriram	Studies on some dominant fresh water fungi for qualitative and quantitative analysis of primary and secondary metabolites.	13/10/ 2022 One Year	3000	
51	Dr. R. D. Chitale	Ranaware Pratik Sujit	Study of Airomycoflora over sugarcane ( <i>Saccharum officinarum</i> L.) fields from Baramati Tehsil.	13/10/ 2022 One Year	2900	
		Karve Nikita	Study of aeromycoflora over maize from Baramati tahsil	13/10/ 2022 One Year	2500	
52	Dr. M. P. Patil	Sarde Akshta	Utilization of mixed leaves filter to converting into compost by using decomposing culture	13/10/ 2022 One Year	3400	
		Tamboli Moin Iqbal	Extraction and Characterization of flavonoid from <i>Terminalia arjuna</i> .	13/10/ 2022 One Year	3400	



53	Miss. A. B. Dudhal	Mane Deshmukh Dipraj Fattesinh	Study of physical and chemical properties of five dairy products	13/10/ 2022 One Year	2900	
		Bandgar Swati Shankar	Study the effect of panchagavya on seed germination of chilli ( <i>Capsicum annum</i> L).	13/10/ 2022 One Year	3400	
54	Mr .P. J. Bankar	Vibhute shivani Vijay	Study of physicochemical analysis of diff. localities rhizosphere soil	13/10/ 2022 One Year	3400	
		Koli Akash Bhadreshwar	Study of rhizosphere soil fungi of Mung bean (non irrigated soil) for qualitative and quantitative analysis of primary and secondary metabolite	13/10/ 2022 One Year	3900	
55	Mr. S. R. Chandrakant	Shinde Bhagyashri Rajendra	Study of Aeromycoflora over pomegranate field	13/10/ 2022 One Year	2900	
		Raut Shraddha Sanjay	Formulation of herbal hand sanitizer from <i>oscimum</i> .	13/10/ 2022 One Year	3900	
56	Dr. J. P. Gadade	Gaikwad Akanksha	Study of Pollen Morphology of some common plants	13/10/ 2022 One Year	2900	



		Sonawane Priyanka	Green synthesis of metallic nanoparticles using plant extracts	13/10/ 2022 One Year	1400	
57	Dr. M. P Patil/ Supriya Thombre	Kadam Vidya Prakash	Comparitive studies on secondary metabolites in 3 Terminalia species	13/10/ 2022 One Year	3400	
58	Mrs.R. P. Jagtap	Salunkhe Mayuri	Preparation of panchgavya and study its physiochemical properties	13/10/ 2022 One Year	1400	
59	Mr. S. B. Thorat	Mali Priyanka Arjun	Studies on rhizosphere soil fungi of cajanus cajan from Baramati area	13/10/ 2022 One Year	3400	
		More Siddhant Shivaji	Isolation & Identification of endophytic fungi of Cajanus cajan L. from Baramati area	13/10/ 2022 One Year	3900	
60	Mr T. S. Nevse	Malivasekar Asavari Mohan	Survey of plants from family poaceae of sangola	13/10/ 2022 One Year	5800	
61	Dr. M. R. Badve	Shinde Nikita Sanjay	The Study of profitability of BSE	13/10/ 2022 One Year		
62	Dr. M. R. Badve	PanseHarshad aSushil	Demonetization – its impact on Indian Economy	13/10/ 2022 One Year	15000	
		ThoratAnkita Sanjay	A Study of profitability of KarmyogiShankarraojiPatil Co-operative Sugar Factory with the help	13/10/ 2022 One Year	15000	



			of Ratio Analysis			
		JagtapSurajHe ramb	A Study of Vehicle loan scheme of SBI	13/10/ 2022 One Year	20000	
		GirmePranav Nilesh	A Study of Role of Agriculture in Indian Economy	13/10/ 2022 One Year	20000	



  
 Principal  
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