



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 Students	Name Of the Project Guide	Title of the project	Duration	Total amount	Link of Evidence
1	Lokhande Sakshi	Prof.A.B.Parlekar	New Era of Banking with Financial Outlook In SBI	08/02/2021 One Year	2000	 
2	Chandgude Pradnya	Prof.AB.Parlekar	A Study of Financial Performance of Bank Of Maharashtra	08/02/2021 One Year	2000	
3	Sayyad Naznin	Prof. D.M.Anpat	Consumer Buying Behavior	08/02/2021 One Year	2000	
4	Thorat Snehal	Prof. D.M.Anpat	Analysis of marketing strategies	08/02/2021 One Year	2000	
5	Jana Pooja Surjit	Dr. C.V. Murumkar	Enhancing Photosynthetic efficiency for high yield crop	08/02/2021 One Year	7000	
6	Gavali Pallavi Laxman	Dr. S.J. Chavan	Studies on fungal association with Mosses	08/02/2021 One Year	4000	
7	Tushar Ajinath Pawar	Dr.S.J. Chavan	Study of diversity of soil algae of agriculture field and quantification from tehsil Baramati	08/02/2021 One Year	4000	
8	More Sakshi Sanjay	Dr.S.J. Chavan	Studies on algal diversity of arid zone of tehsil Baramati	08/02/2021 One Year	4000	

9	Kamble Prathmesh Sanjay	Dr. S.J. Chavan	Isolation and quantification of BGA for Nitrogen fixation	08/02/2021 One Year	4000
10	Shete Ruturaj Shashikant	Dr. S.J. Chavan	Isolation of BGA from irrigated agriculture crops and soil Physio-chemical analysis of tehsil Baramati	08/02/2021 One Year	6000
11	Taware Tejaswini Sanjay	Dr. S.J. Chavan	Study of diversity of mosses, analysis and <i>ex-situ</i> Coservation	08/02/2021 One Year	4000
12	Thombare Supriya Kondiba	Dr. B.S. Mali	Studies on Accumulation of the salt in irrigated soil at Malegaon Khurd tehsil Baramati District Pune.	08/02/2021 One Year	7000
13	Kare Priyanka Parbati	Dr. B.S. Mali	Studies on accumulation of salt in irrigated soils at Indapur Taluka . Indapur District. Pune.	08/02/2021 One Year	7000
14	Kapse Prajakta Sanjay	Dr. B.S. Mali	studies on physiochemical characteristics of soil irrigation water in Gangamainagar, Tal k-Madha, Dist- Solapur	08/02/2021 One Year	8000
15	Ingale Komal Chandrakant	Dr. B.S. Mali	studies on physiochemical characteristics of soil irrigation water at Bohali, Talk- Pandharpur, Dist- Solapur	08/02/2021 One Year	8000
16	Pooja S Bhosale	Dr.M.B. Kanade	Studies on incidence of powdery mildew fungi on family fabaceae.	08/02/2021 One Year	4000
17	Reshma Hamid Shaikh	Dr.M.B. Kanade	Studies on Allelopathic effect of tribulus terrestris on wheat	08/02/2021 One Year	5000



18	Shruti Vijay Tapre	Dr.M.B. Kanade	Study of Powdery Mildew Conidial germination & variation among the genus.	08/02/2021 One Year	4000
19	Parkale Arati Sanjay	Dr.M.B. Kanade	Phytochemical analysis of <i>Microporus affinis</i>	08/02/2021 One Year	4500
20	Kokate Sandhyarani Khandopant	Dr.M.B. Kanade	Biochemical profiling of <i>Irpex lacteas</i>	08/02/2021 One Year	4500
21	Deshmukh Vijaya Kailas	Dr.A. B. Telave	Qualitative and quantitative phytochemical analysis of <i>Dicanthium annulatun</i> and <i>Eragrostis minor</i>	08/02/2021 One Year	5000
22	Dandile Pooja Arun	Dr.A. B. Telave	Floristic diversity of Phaltan Tahsil	08/02/2021 One Year	4000
23	Lalage Shubhangi Suresh	Dr.A. B. Telave	Biodiversity of Tambole Village Area.	08/02/2021 One Year	5000
24	Shinde Yogita Bapu	Dr.A. B.Telave	A Different Plants Species Collection by Herbarium Method.	08/02/2021 One Year	7000
25	Madhura Ashok Chandanshive	Dr.A. B.Telave	Study of pollen morphology in some species of genus <i>Euphorbia</i>	08/02/2021 One Year	6500
26	Jain Vaishali Jinendra	Dr. R. D. Chitale	Study of Family Euphorbiaceae with respect to Medicinal Importance at Baramati Tehsil.District-Pune.	08/02/2021 One Year	3000
27	Patil Sujata Vijaykumar	Dr. R. D. Chitale	Study of agriculture important crop diseases in our region	08/02/2021 One Year	4000
28	Talekar Abhilasha Navanath	Dr. R. D. Chitale	Study of effect BGA fertilizer on monocot(<i>Zea mays</i>) and dicot(<i>Pisum sativum</i>) crop plants	08/02/2021 One Year	2000
29	Thorat Sangram	Dr. R. D. Chitale	Studies on coprophilous fungi	08/02/2021 One Year	2500



	30Bharat		from baramati Tehsil		
30	Patil Trupti Jagannath	Dr. R. D. Chitale	Important medicinal plants in 32 shirala tahsil district sangali , Maharashtra.	08/02/2021 One Year	4000
31	Kalsule Swapnita Vitthal	Dr. M. P. Patil	Survey of common weed plants in <i>Musa acuminata</i>	08/02/2021 One Year	3000
32	Meher Keshav Bharat	Dr. M. P. Patil	Effect of organic pesticide growth and yield of <i>Capsicum annum</i>	08/02/2021 One Year	2000
33	More Dnyaneshwar Shankar	Dr. M. P. Patil	Effect of organic fertilizers on growth and yield of Maize (<i>Zea mays</i>)	08/02/2021 One Year	4000
34	Jadhav Ashwini Baban	Dr. M. P. Patil	Comparative effect of organic and Chemical fertilizer on crop plant <i>Capsicum annum</i>	08/02/2021 One Year	4000
35	Baravkar Komal Bhausahab	Dr. M. P. Patil	Survey of common weed plants in sugarcane (<i>Saccharum officinarum</i>) farm in varvand area.	08/02/2021 One Year	3300
36	Mr.DereR.D Mr.Solankar S.M.	Dr. Bhondwe R.S.	Green Chemistry approach towards synthesis of biological active heterocyclic compounds	08/02/2021 One Year	14,000/-
37	Ms.Kalange S. S. Mr.Paigude C.N.	Prof. B.R.Torane	Green Synthesis of synthesis bioactive metal complexes	08/02/2021 One Year	14,000/-
38	Ms.Mane P.K. Ms.Dhavle N .R.	Prof. Dalve M.R.	Extraction of caffeine from coffee, metal complexes	08/02/2021 One Year	11,000/-
39	Ms.Bandgr P. M.	Prof. S. P. Nale	Synthesis of Metal ferrite Nanoparticle.	08/02/2021 One Year	10,000/-
40	Ms. Kumbhar Nilam		Analysis of soil sample	08/02/2021 One Year	4,000/-
41	Ms.Tamboli S. N.	Dr. Deshmukh S.A.	Synthesis and Characterization of Benz-imidazole	08/02/2021 One Year	14,000/-



			derivatives			
42	Ms. Phdatore P.S. Ms. Taware P.	Prof. K.M. Rupnavar	Evaluation of antioxidant activity, elemental content, bioavailability of medicinal plants	08/02/2021 One Year	8,000/-	
43	Mr. Mohite O. P. Ms. Rajpurohit R. M.	Prof. G. S. Bhunje	Analysis of physiochemical characteristics of water	08/02/2021 One Year	8,000/-	
44	Mr. Kare V. D.	Prof. Pirale G. D.	Estimation of vitamin C in selected fruits and vegetables commonly consumed in Baramati.	08/02/2021 One Year	8,000/-	
45	Nimbalkar Aniket	Dr. Pawar A.M.	IoT based smart embedded system for vehicle accident detection	08/02/2021 One Year	9000	
46	Chaudhari Pandurang	Prof. Kothawale A.S.	Design & Development of Smart Contactless Hand Sanitizer Dispensing System using IoT Based Robotics Technology	08/02/2021 One Year	9000	
47	Kumbhar Manasi Markad Shubham	Prof. Gawade S.A.	Monitoring and controlling Environmental Parameters of Polyhouse using Raspberry Pi	08/02/2021 One Year	9000	
48	Miss.Wanave Shital A	Prof. D.V.Munguskar	Library Classification : Analysis and Facts in Shriram Institute Paniv, (Malshiras)	08/02/2021 One Year	2500/	
49	Miss.Hodshil Ashwini R	Prof. D.V.Munguskar	“ Contribution of Rammohan Roy Lit Foundation in Development of P Libraries in Ind Taluka.”	08/02/2021 One Year	2500/	
50	: Jadhav Nilam Madhav	Dr. M. R. Badve	‘Analysis of profitability of State Bank of India	08/02/2021 One Year	2000	




			with the help of Ratio Analysis’.			
51	Wable Bhagyashri Madhukar	Dr. M. R. Badve	Analysis of working capital in the co-operative Bank.	08/02/2021 One Year	2000	
52	kazi shawej shujauddin	Dr. M. R. Badve	Analysis of Financial Performance of Axis bank using Ratio Analysis	08/02/2021 One Year	2000	
53	Jadhav Snehal Siddheshwar	Dr. M. R. Badve	‘Analysis of Profitability of State Bank Of India with the help of cash flow statement’.	08/02/2021 One Year	2000	
54	1)Chandgude P.H. 2)Taware P.S. 3)Taware S. V. 4)Jagtap S. 5)Dombale S. R. 6)Suryawanshi Y. D.	Prof.S.S.Jadhav	A New Hybrid Cryptography Algorithm	08/02/2021 One Year	3500	
55	1)Raskar A. S. 2)Bhanavse K.D. 3)Bhosale S.R. 4)Devakate S.V. 5)Nilakhe O.P.	Prof.S.S.Jadhav	Concept of Derivatives in Modeling and its Application	08/02/2021 One Year	3500	
56	1)Mate A. B. 2)Lakade A.A. 3)ShaikhS.S. 4)Shinde S. N. 5)Bhagat P.S.	Prof.A.S.Bhosale	Application of Graph theory in Communication Networks	08/02/2021 One Year	3500	
57	1)Babar P.V. 2)Patil D. K. 3)Mashalkar P. B. 4)Maneri T.I.	Prof.A.S.Bhosale	Importance of Trigonometry in Oceanography	08/02/2021 One Year	3500	



	5)Bhupkar S.S. 6)Jadhav S.Y.					
58	1)Patil A. D. 2)Patil K. B. 3)Shende D.A. 4)Tobare S.S. 5)Sarade A.V.	Prof.D.S.Saste	Application of Graph theory Approach in brain functional network in EEG	08/02/2021 One Year	3500	
59	1)Kharat A. R. 2)Kate S.M. 3)KaleK.P. 4)Suryawanshi S.R. 5)Deokate J. H.	Prof.D.S.Saste	Fuzzy Application Techniques in Construction, research Management	08/02/2021 One Year	3500	
60	1)Mhase K. S. 2)Jawale N.S. 3)Rakate P. N. 4)RakhundeS. M. 5)SawantMayur Sunil	Prof.N.R.Shinde	Application of Graph theory in Electrical Network	08/02/2021 One Year	3500	
61	1)Bhagat P. A. 2)Dhanawade A. V. 3)Dupade S. D. 4)Gade P. S. 5)Jadhav K. G. 6)Kadam S.B.	Prof.N.R.Shinde	Application of Permutation and combination in Telecommunication	08/02/2021 One Year	3500	
62	1)Kate S. S. 2)Shevale R. B. 3)Shikalgar S.S. 4)Shinde A.M. 5)Shingade A.H.	Prof.R.T.Kadam	Application of Game Theory to Autonomous Machines Safe Decision –making System Development	08/02/2021 One Year	3500	
63	1)Pise D.M. 2)Wayase S. A. 3)Khatal P. S. 4)Lokhande K. B	Prof.R.T.Kadam	Mathematics in Health Care with application	08/02/2021 One Year	3500	




	5)Nagane S.M. 6)Thombare A. B.					
64	Anuje Sayali Sagar	Dr.Pawar S.T	Isolation, characterization, and identification of exopolysaccharide producing bacteria from different industrial wastewater	08/02/2021 One Year	10000	
65	Jadhav Tejaswini Madhukar	Dr. Gajbhiye M.H	Screening of ketratin degrading microbes their characterization and application in waste management	08/02/2021 One Year	10000	
66	Chopade Neha Satish	Dr. Mulay Y.R.	Antimicrobial activity of nanoparticles and their applications	08/02/2021 One Year	10000	
67	Bhosale Pooja Ganesh	Mr. Doshi D.V.	Bioethanol production from waste biomass	08/02/2021 One Year	10000	
68	Kakade Megha Rajendra	Mrs. Jagtap Komal Ramchandra	Studies on tyrosine enzyme, source, structure, production, characterization, purification, and application of tyrosinase enzyme	08/02/2021 One Year	10000	
69	More Sammed Ravsahab	Mrs. Jagtap Komal Ramchandra	Green synthesis of magnesium oxide nanoparticle using <i>Trinella foenum- gracum</i> leaf extract and its antimicrobial activity	08/02/2021 One Year	10000	
70	Gaikwade Trupti Nandkumar	Miss. Owl S.P.	Bacteriocin production and its application in food and pharmaceuticals	08/02/2021 One Year	10000	
71	Devkate Nikita Tatyasaheb	Miss. Bhosale P. C.	Isolation, characterization and optimization of polythene	08/02/2021 One Year	10000	


			degrading bacteria		
72	Patil Sammed Sunil	Mr. Kalumbe A. A.	Isolation, characterization, and identification of exopolysaccharide producing bacteria from different soil.	08/02/2021 One Year	10000
73	Shendge Abhishek Anil	Miss. M. P. Madane	Synergistic antimicrobial activity of medicinal plants against isolated clinical pathogens.	08/02/2021 One Year	10000
74	Pandey Pinki Omkar	Dr. P. C. Pingale	Humanoid (Robotics)	08/02/2021 One Year	6000
75	Bhuse Monika Jadhav MADhuri	Dr. A. E. Kalange	Synthesis and Characterization of TiO ₂ thin film by thermal Evaporation Method	08/02/2021 One Year	9000
76	Kadam Prajakta Dudhal Komal Shinde Amruta	Dr. R. D. Kale Dr. S. J. Rajoba	Microwave assisted synthesis of NiFePO ₄ for battery application	08/02/2021 One Year	10000
77	Ashlesha Atkar	Dr. R. T. Sapkal Prof. J. V. Waghmode	Metal oxide thin films for water purification using Hydrothermal method	08/02/2021 One Year	7000
78	Fartade Dipali	Dr. R. T. Sapkal Prof. J. V. Waghmode	WO ₃ as smart glass using spray pyrolysis techniques	08/02/2021 One Year	7000
79	Shinde Mayuri Nigade Arti Kulkarni Shubham	Dr. S. B. Kulkarni	Ni-Co.... composites for Supercapacitor	08/02/2021 One Year	7000
80	Chavan Rutuja Salunkhe Nayan	Mr. S. B. Kakade	Synthesis of Tin Oxide (SnO ₂) thin film by thermal evaporation method	08/02/2021 One Year	10000
81	Jadhav Yogita Haridas Tamanna Maneri Aslam	Prof. S. E. Bhosale	Synthesis of PbS with graphene by CBD	08/02/2021 One Year	8000
82	Anuja Patil		CdS films for	08/02/2021	8000



	Priyanka Atole Kalyani Kadam Jyoti Rupanawar Chaitanya Wani	Dr. V. S. Mohite	SOLAR cell	One Year		
83	Bhagat Pratiksha Pawar Aishwarya Deshmikh Apurva Mhaske kiran	Prof. J. V. Waghmode	Synthesis ofby spray pyrolysis method	08/02/2021 One Year	8000	
84	Kulkarni Swati Nikam Amruta	Dr. S. J. Rajoba	Synthesis of MnS films by CBD	08/02/2021 One Year	8000	
85	Kulathe Geeta Kshirsagar Snehal Patil Sonali	Dr. N.K.Dhane	Water Quality Analysis of Nira River	08/02/2021 One Year	5500	
86	Kuwar Preetikumari Moholkar Seema Ambole Amruta	Mr. C.P.Swami	To identify and classify the various fashion apparels using Maching Learning (ML) technique.	08/02/2021 One Year	5000	
87	Adsul Sayali Solankar Utkarsha Bondre Ankita	Mrs. P.M.Mohite	Phishing Detection from URL's.	08/02/2021 One Year	2000	
88	Sagar Ramesh Randhawan Rushikesh Baradkar Abhijit	Mrs. A.S.Mind	Data analysis of Covid-19	08/02/2021 One Year	3000	
89	Doshi jay Dhale Mukunda Kare Minanath	Dr. V. V. patil	Market basket analysis	08/02/2021 One Year	5000	
90	Kale Anagha Patil Shukranti Rakate Priya	Dr. V. C. Kakade	Use of technology to reduce delay in Indian Courts	08/02/2021 One Year	6000	
91	Pritam Sunil Karche Riya Rajendra Kate	Mr. C.P.Swami	Make a prediction model for COVID- 19 Forecasting data	08/02/2021 One Year	4500	



	Punam Hanamant Ghadage		set and Amazon stock prices from 1997 to 2020 Time series and Forecasting in Python			
92	Kadam Shivani Galande Komal Jadhav Reshma	Mrs. T.S.Arekar	Rainfall Prediction using Data Mining Techniques	08/02/2021 One Year	5000	
93	Harshe Prerna Shaikh Asfiya Wagh Nikita	Miss. N.A. Jagtap	Impact of Covid-19 Pandemic on the Global Economy	08/02/2021 One Year	5000	
94	Kare Kayani Jamdade Aparna Borate Sagar	Miss. K. C. kale	Awareness & Practice on Menstrual Hygiene Among Adolescent Girls	08/02/2021 One Year	4000	
95	Nanaware Trupti ,Jamale Kajol Bawane Archana	Miss. K. C. kale	Indirect impact of covid-19 on environment a brief study in Indian contex	08/02/2021 One Year	4000	
96	Thorat Sharayu Khilari Shweta Jagdale Pooja	Miss. N.A. Jagtap	Social Media: Motives and its uses relations among social media addiction, Self-esteem, Opinion building and life satisfaction in society	08/02/2021 One Year	4500	
97	Deshpande Ashwini Dikshit Pradnya Madake Snehal	Mrs. A.S.Mind	Statistical Analysis of Malnutrition of Anganwadi & Sugarcane Labors Children	08/02/2021 One Year	5000	
98	Dalavi Gauri Rupnavar Komal Birnale Rohini	Mrs. T.S.Arekar	To study grape leaf Disease ditection	08/02/2021 One Year	5000	
99	Jadhav Swapnil Makane Akshay	Mrs. S.D.Wadkar	Analysis Of Pradhan Mantri Jan Dhan Yojana Using Time Series	08/02/2021 One Year	4000	

			Analysis			
100	Rajat Manoj Agarwal	Mrs. R.S.Babar	Design & Development of Certificate Course Management Portal for T.C.College, Baramati	08/02/2021 One Year	1000	
101	Nikika Vinay Dhale Manasi Prasad Bhagawat	Mrs. S.P.Patil	Design & Development of Student Attendance Management Portal for T.C.College, Baramati	08/02/2021 One Year	1000	
102	Thavare A .C Chendake P. D. Kulkarni K. D.	Mr. S. P. Chordiya	A Survey of ticks parasites in domestic Animals of Pandharpur Tashil .	08/02/2021 One Year	9500	
103	Bhosale S. A. Malshikare O. H.	Dr. V. B. Nale	"Population Dynamics Of Earthworms In Relation To Soil Physico-Chemical Parameters From Pandharpur Tehsil, Dist- Solapur."	08/02/2021 One Year	7000	
104	Shendkar N. Y. Majalekar G.P Sutar R.B	Dr. Y. B. Gaikwad	Determination of potential anti- cancer through computer assisted drugdesigning	08/02/2021 One Year	10000	
105	Atole C. A. Shinde S. R. Gawade D.R	Mr. K. U. More	"Diversity of aquatic insects from Shirsuphal lake Baramati tahsil."	08/02/2021 One Year	11000	
106	Khair P. D. Mind T. C. Tanksale R.N	Dr. R. B. Yadav	Diversity and Distribution of Biocontrol pest Agents with special Reference to there Mode of damage in some selected areas of Phaltan & Indapur Tehsil.	08/02/2021 One Year	11000	
107	Jadhav S.S. Deshmane G. R.	Miss. D.M. Sangale	Diversity of Spider and comparative bioinformatic	08/02/2021 One Year	7000	

	Sangale P. D.		analysis of silk fibrion(spider)			
108	Salunkhe P.H Dombale S.S	Miss. K. B. Kumbhar	Diversity of beetles in Madha and Mohol tahshil	08/02/2021 One Year	6000	




Principal
Tuljaram Chaturchand College
Baramati