

Anekant Education Society's  
Tuljaram Chaturchand College of Arts, Science  
and Commerce, Baramati  
(Autonomous)  
Department of Chemistry  
Expenditure of Research Proposal for  
Academic Year 2022-2023



Department of Chemistry

Date : 27/03/2023


To,  
The Principal,  
Tuljaram Chaturchand College of Arts, Science and Commerce,  
Baramati.

Subject : Regarding Expenditure of research proposals for the academic year  
2022-23.

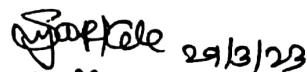
Respected Sir,

With reference to the subject mentioned above, herewith we are submitting the research proposals Expenditure details conducted in the academic year 2022-23. Total 44 students of M. Sc. II Organic chemistry have submitted the bills of expenditure of research proposal for their project work in 2022-23 of Rs. 97,794/-. The detail expenditure chart is attached herewith for your kind information. Kindly do the needful.

Thank you and obliged.

  
Coordinator

  
29/3/23

  
29/3/23  
Head

**DEPARTMENT OF CHEMISTRY**  
Tuljaram Chaturchand College  
Baramati (Dist.Pune)



Anekant Education Society's  
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati  
(Autonomous)  
(2022-23)

**Department of Organic Chemistry**

**Utilization of grant**

Sr.no.	Name of guide	Name of students	Title of the project	Hiring Services	Contingency	Field work and travel	Chemicals and glassware	Total
1.	Dr.Bhondwe R.S	1. Mr. Kiran Zinzurte 2. Mr. Koustubh Jagtap 3. Mr. Kapre Ranjeet	Green synthesis of heterocyclic compounds, characterization and theoretical study.	2219	2730	1200	310	6459
2.	Dr.Bhondwe R.S	1. Mr. NaraleSachin 2. Mr. Ketan Pawar 3. Mr. Zargad Vaibhav 4. Mr. Aman Shaikh	One pot multicomponent synthesis and characterization of heterocyclic compounds	3732	2220	1600	230	7782
3.	Dr.Bhondwe R.S	1. Ms. Sonawane Sampada S. 2. Ms. Lonkar Dipti D. 3. Ms. Gandhi Parin B. 4. Ms. UtaleTejasvini	Synthesis, Characterization and biological activity of N Heterocyclic compounds	3900	1620	1200	00	6720



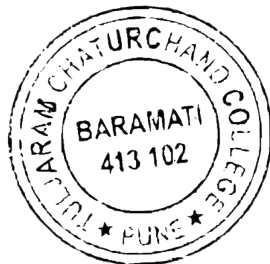
4.	Dr. Dige N. C.	1. Mulani Arshad S. 2. Pawar Kedar G. 3. Navale Saurabh S.	Synthesis and characterization of Heterogeneous catalyst and their application in organic synthesis.	3670	1700	1200	00	6570
5.	Dr. Dige N. C.	1. Jagtap Chaitrali A. 2. Pandhari Pallavi P. 3. Khatavkar Pratiksha R. 4. Kale varsha k.	Synthesis and Characterization of ionic liquids and their application in heterocycle synthesis	4740	1970	1600	00	8310
6.	Dr. Dige N. C.	1. Shinde Rahul M. 2. Kale Ganesh S. 3. Satav Satyam Sandip	Synthesis and Characterization of heterocyclic compound and their biological activity	5637	1893	1200	558	9288
7.	Deokate S. A	1.Mr. Shinde Pratik K 2. Miss.Walke Sanjivani K. 3. Miss Atole Komal T.	Simple and green synthesis of heterocycles using DMSO /I <sub>2</sub> and their characterization	4991	1525	1200	00	7716
8.	Deokate S. A	1. Miss. KatePranali V. 2. Miss Fugare Nisha G. 3.Mr. Pawar Purushottam Tanaji	Synthesis, Characterization and antimicrobial activity of bivalent heterocyclic compound	2488	1350	00	4507	8345
9.	Deokate S. A	1.Mr. Ligade Rahul Balaso 2. Miss Deshmane Vaishavi Vivek 3.Mr. Kanade Nikhil Vilas	Synthesis, characterization and applications of transition metal nanoparticles	2816	1555	00	115	4486



10.	Shaikh F. H.	1. Metkari A. D. 2. Dubal V. A. 3. Sawalwade A. A.	Synthesis of thiazolyl Schiff bases and study of their transition metal complexes	5000	1250	00	00	6250
11.	Shaikh F. H.	1. Ballal D. D. 2. Awale R. N. 3. Sodmise M. B.	Synthesis of $\beta$ -carboline and their metal complexes	10712	1110	00	00	11822
12.	Shaikh F. H.	1. Chavan H. 2. Pise A. A. 3. Kashid S. N.	Synthesis of tryptophane based Schiff bases and their metal complex formation	5987	600	00	00	6587
13.	Dr. Pakhare D. S.	1. Sayyad N. G. 2. Masal G. V. 3. Arkas M. N. 4. Sangwar P. S.	Synthesis and antimicrobial and anticancer evaluation of thiazolyl and pyrazyl $\beta$ -carboline and their metal complexes	2800	2408	00	2251	7459
<b>Total</b>								97,794/-

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Coordinator



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29/3/23

*[Signature]* 29/3/23  
Head  
Department of Chemistry  
DEPARTMENT OF CHEMISTRY  
Tuljaram Chaturchand College  
Baramati (Dist. Pune)

Inorganic Chemistry.

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Tuljaram Chaturchand College of Arts, Science  
and Commerce, Baramati  
(Autonomous)  
Department of Chemistry  
Expenditure of Research Proposal for  
Academic Year 2022-2023



Department of Chemistry

Date : 27/03/2023

To,

The Principal,

Tuljaram Chaturchand College of Arts, Science and Commerce,

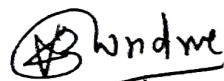
Baramati.

Subject : Regarding Expenditure of research proposals for the academic year  
2022-23.

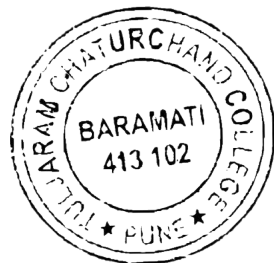
Respected Sir,

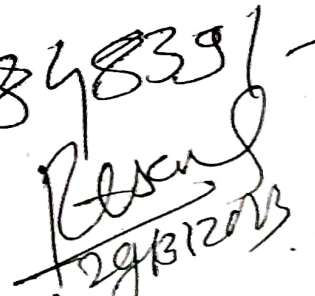
With reference to the subject mentioned above, herewith we are submitting the research proposals Expenditure details conducted in the academic year 2022-23. Total 40 students of M. Sc. II Inorganic chemistry have submitted the bills of expenditure of research proposal for their project work in 2022-23 of Rs. 85689/-. The detail expenditure chart is attached herewith for your kind information. Kindly do the needful.

Thank you and obliged.



Coordinator



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29/3/2023



Head

29/3/23

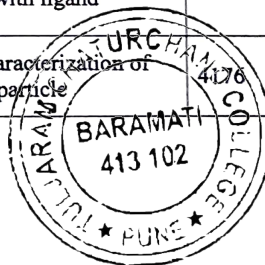
DEPARTMENT OF CHEMISTRY  
Tuljaram Chaturchand College  
Baramati (Dist.Pune)

Anekant Education Society's  
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati  
(Autonomous)  
(2022-23)

**Department of Inorganic Chemistry**

**Utilization Of grant**

Sr. no.	Name of guide	Name of students	Title of the project	Hiring Services	Contingency	Field work and travel	Chemicals and glassware	Amount Utilized
1	Prof. Gadadare R. T.	1.Mr. Kharat Atul S. 2.Mr..Rakateajit S. 3. Pawar Sakshi S. 4. Pawar Shrutika S.	Synthesis of metal oxide nanoparticles & its characterization	4624	1752	2510	531	9417
2	Prof. Gadadare R. T.	1.Miss.Nanavare Mayuri 2.Miss.Jawale Rupali J. 3. Ghadge Nikita p. 4. Ghanwat Amruta M.	Synthesis and characterization of metal nanoparticles using aloe vera extract	6050	1818	1900	120	9888
3	Prof.Nale S. P.	1. Miss. Shinde vaishnavi C. 2. Miss. Tembre Monali V. 3. Mr. Atole Sahil D.	Synthesis and characterization of mixed ferrite nanoparticle	4076	1521	1650	00	7347
4	Prof.Nale S. P.	1. Miss. Gole Shivanjali S. 2. Miss. Shaikh Shayara R. 3. Mr. Kokare Shani A.	Synthesis and Characterization of Metal complexes with ligand	2388	1991	1200	1593	8072
5	Prof.Nale S. P	1. Miss. Pujari Vaishnavi D. 2. Miss. Somvanshi Rutika R. 3. Miss Pisal Priti B.	Synthesis and Characterization of Metal oxide nanoparticle	4176	1582	1200	<del>850</del> 00	7808 - 650 <u>7158</u>





6	Prof. Pirale G.D.	1. Mr. Nanaware Anup J. 2. Mr. Dhawade Rahul M. 3. Atole Nikhil N.	Synthesis, characterization and biological activities of transition metal chelate of 2 aminothiazole	900	1350	1550	5074	8874
7	Prof. Pirale G.D.	1. Shete Sonal K. 2. Shelar Sonali R. Hake Ankita M.	Synthesis and characterization of mixed ligand metal complexes & study its antimicrobial activity	2044	1541	1800	-	5385
8	Prof. Pirale G.D.	1. Miss Kale Damini D. 2. Kharat Smita S. 3. Kadam Shefali M	Green Synthesis & characterization of Copper and Zinc oxide nanoparticle by using Punica Grantum Peel extract	4476	1432	1600	-	7508
9	Prof. Gandhi R. R.	1. Miss. Jadhav Monali V. 2. Miss. Jadhav Shrutika D. 3 Miss. Ingawale Shital K.	Synthesis and characterization of metal complex & their antimicrobial study	1400	1000	1500	-	3900
10	Prof. Torane B. R.	1. Mr. Ghatge Akhil P. 2. Miss. Patil Monali B. 3. Miss. Nimbalkar Mohini S.	Synthesis of metal complex by using 2 aminopyridine, characterization and application	1400	1520	800	-	3720
11	Prof. Dhudhe M.D.	1. Mr. Gawade Dinesh P. 2. Miss. Sawant Kalyani K. 3 Miss. Shinde Snehal B.	Synthesis and characterization of metal carbonate nanoparticle and biocompatibility	1398	1500	1610	-	4508
12	Dr. S. R. Kale	1. Ms. Arjun Bhagyashree D. 2. Ms. Patnas Saloni A. 3 Ms. More Prerana J. 4. Bhoite Komal N.	Synthesis of Silver nanoparticles and study of their interaction with $\beta$ -carboline	5788	2980	494	-	9262
<b>Total</b>								85689 - 850

84839/-

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Coordinator



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Head  
DEPARTMENT OF CHEMISTRY  
Tujaram Chaturchand College  
Baramati (Dist. Pune)

Department of Chemistry  
Date: 27/03/2023

To,  
The Principal,  
Tuljaram Chaturchand College of Arts, Science and Commerce,  
Baramati.

Subject: Regarding Expenditure of research proposals for the academic year  
2022-23.

Respected Sir,

With reference to the subject mentioned above, herewith we are submitting the research proposals Expenditure details conducted in the academic year 2022-23. Total 40 students of M. Sc. II Analytical chemistry have submitted the bills of expenditure of research proposal for their project work in 2022-23 of Rs. (66,626/-). The detail expenditure chart is attached herewith for your kind information. Kindly do the needful.

Thank you and obliged.

66516/-

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Coordinator

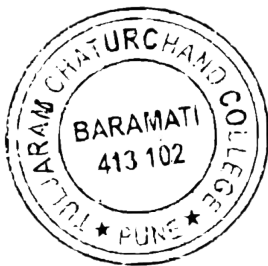
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DEPARTMENT OF CHEMISTRY  
Tuljaram Chaturchand College  
Baramati (Dist. Pune)

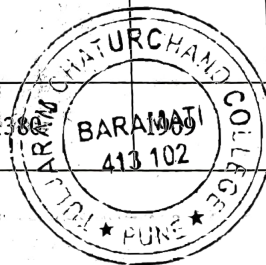


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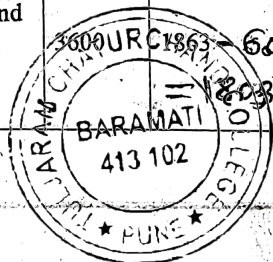
(2022-23)

**Department of Analytical Chemistry**

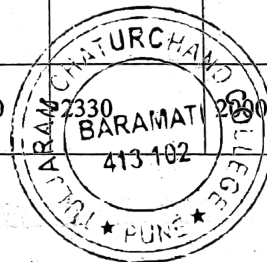
Sr. no.	Name of guide	Name of students	Title of the project	Hiring Services	Contingency	Field work and travel	Chemicals and glassware	Amount Utilized
1	Prof. Bhunje G.S.	1. Ms. Hulage Sayali S. 2. Ms. Sirsat Tejašavi B. 3. Ms. Bhosale Aditi G.	Phytochemical screening by FTIR, AAS & UV visible Spectroscopy analysis of Medicinal Plants	3100	1431	1200	60	5791
2	Prof. Bhunje G.S.	1. Ms. Rupanawar Neha G. 2. Ms. Gaikwad Sonali B. 3. Ms. Latkar Akshada D. 4. Ms. Lokhande Chaitrali H.	Method Validation of pharmaceutical drug by using UV Visible spectroscopic methods	1500	1634	1900	35	5069
3	Prof. Bhunje G.S.	1. Mr. Kadam Pravin M. 2. Mr. Gaikwad Punit	Phytochemical screening of medicinal plants by using different analytical	2600	1389	1900	320	6209



		M. 3.Mr.Kshirsagar Suraj S.	techniques					
4	Prof. Surnavar K.H	1. Mr. Gadadare Rohit Shamrao 2. Mr.Mandhare Akash Anil 3. Mr.Kolekar Kishor Ramesh	Anticancer property of Bryophyllum pinnata oken leaf on human cervical cancer cells	7700	1888	1400	240	11228
5	Prof. Surnavar K.H	1. Ms.Gurav Gauri Devidas 2. Ms. Chavan Monali Prakash 3. Ms.Jagtap Bhagyashri.Randas	Biosynthesis of silver nanoparticles using trachyspermum ammi & evaluation of their antibacterial activites	800	1416	1200	00	3416
6	Prof. Surnavar K.H	1. Ms.Dhumal Shruti Suryakant 2. Ms.Tamboli Muskan Faruk 3. Ms.Mulik Shraddha Somnath	Phytochemical Analysis of Some medicinal plants & its antioxidant activity	2400	1847 = 30 = 1817/-	1300	70	5617 5587
7	Prof. Bhong A.N	1.Pore Sagar Pandurang 2.Phadatare Kuldip Shivaji 3.Phate Rushikesh Lalaso	Syntesis of Imidazol and its derivatives with characterization			1500	00	6963 6908



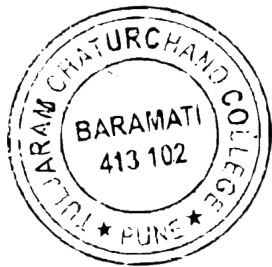
8	Prof. Bhong A.N	1. Ghadge Pranita Dattatray 2. Kharbade Neha vishal 3. Salunke Akshda Suresh	Determination of vitamin C (Ascorbic Acid ) content in various fruits by UV - spectrophotometry and Titration Method.	800	1860 - 20 = 1840	1600	00	4260 4240
9	Prof. Bhong A.N	1. Thorat pratiksha Rajendra 2. Tekawade Bhagyashree Sampat 3. Londhe Niraj Subhash	Formulation and analysis of Diclofenac Sodium effervescence tablet by using UV spectrophotometry, IR spectroscopy, FTIR	200	1393	1500	60	3153
10	Prof. Salumkhe H.J	1. Ms. Jadhav Akansha S. 2. Ms. Panasakar Mayuri R. 3. Ms. Pharande Prachi K.	Synthesis and Characterization of nickel oxide Nanoparticles by using co-precipitation Method	1100	1750	1420	00	4270
11	Prof. Salumkhe H.J.	1. Mr. Jagtap Aniket Balaso 2. Mr. More Akash Navnath 3. Mr. Markad Akshay Mahadev 4. Atole Vishal Vijaykumar	Method development & assay validation of Niacin drug by using UV visible spectroscopic methods in different pharmaceutical products.	1000	1920	1600	00	4520
12	Prof. Torane B. R.	1. Mr. Chougule Akshay P. 2. Mr. Patil Sammed R.	Preparation of different metal complexes by using pyridine and	1800			00	6130



	3.Mr.Patil Abhinandan N. 4. Birnale Sanket Suresh 5. .Bele Rohan Mahaveer	halogen ligand and their characterization and applications							
<b>Total</b>									66,626/-

66,626/-  
 - 110  
66,516/-

Prondwe  
PG  
Coordinator



*Elbar*  
*29/3/23*

*Sanket*  
Head 29/3/23.  
DEPARTMENT OF CHEMISTRY  
Tuljaram Chaturchand College  
Baramati (Dist.Pune)