

## Department of Chemistry

### Project Topic for M.Sc.

Session: (2021-22)

SR. NO.	NAME OF RESEARCH TOPIC	NAME OF STUDENT	NAME OF SUPERVISER
1	Determination of electric conductivity of soil sample form different region of warora taluka(MAH)	Rupesh Jiwtode	S.M.Parkhi
2	To determine specific and molar refraction of some alcohols by abbe's refractometer	Shweta Urkude	S.M.Parkhi
3	To study various parameters of water from different location in Chandrapur district for qualitative analysis.	Reshma Wakulkar	S.M.Parkhi
4	Determination of acid contents in sour fruits like lemon, tamarind, tomato, orange, sweet lemon etc		S.M.Parkhi
5	To find the contents of cold drinks available in the market.	Farheen Ansari	D.S.Panchbhai
6	To determine the rate of fermentation of various fruit juice	Sonali Kondekar	D.S.Panchbhai
7	Variation of conductance with temp in electrolytes.		D.S.Panchbhai
8	Determination of metal ions by solvent extraction methods.	Pankaj Madavi	D.S.Panchbhai
9	To investigate molecular interaction of some sodium salts of halides by volumetric – viscometric methods	Pritam Jambhule	S.A.Shah
10	To determine non covalent interaction of some analgesic drugs by viscometric and volumetric methods.	Madhuri Bodhane	S.A.Shah
11	To determine secondary forces of some antipyretic drugs by volumetric and viscometric methods.	Shraddha Choudhary	S.A.Shah
12	To determine chemoreception properties of some sugar and salts by volumetric methods.	Monali Dhawas	S.A.Shah
13	Synthesis of Co-Fe ferrites by using carboxylic acid.		S.P.Sahare
14	Adsorption of rhodamine B dye by bioadsorbent.	Pranay Waghmare	S.P.Sahare
15	Adsorption of congo red dye by bioadsorbent.	Ashwini Behare	S.P.Sahare
16	Synthesis of Co-Mg ferrites by using carboxylic acid.	Prajwal Andraskar	S.P.Sahare
17	Volumetric and viscometric studies on an aqueous urea solution at room temp.	Neha Bawane	A.M.Nannware
18	Study of solute-solute and solute-solvent interaction of sugar and polyhydric alcohol in aqueous medium by volumetric and viscometric measurement	Harshal Kathade	A.M.Nannware
19	Volumetric, viscometric and conductometric properties of some electrolyte in water at room temp	Vaibhav Rajurkar	A.M.Nannware
20	Effect of thermal treatment on physical and chemical properties of assymetrical carboxylic acid.		A.M.Nannware
21	To study saponification value of different oils and preparation of soaps.	Shrikant Madavi	A.P.Wakulkar

22	To study saponification value of different oils and preparation of soaps.	Rutuja Bora	P. P. Bhukya
23	To study various parameters of water in presence of germinating seeds.	Pranjali Badke	A.P.Wakulkar
24	Recycling of plastic using additives as fillers and its analysis.	Pallavi Yergude	A.P.Wakulkar
25	To determine quantity of Casein and Lactose in milk samples from different Brands	Naresh Khandre	A.P.Wakulkar
26	Production of Mosquito repellants using orange peels	Rasika Chikte	P. P. Bhukya
27	Comparison of citric acid concentration in branded fruit juices	Sayali Mathankar	P. P. Bhukya

**PROJECT REPORT**

**ON**

**“To determine chemoreception properties of some sugar and salt by volumetric method.”**

*Submitted to Gondwana University, Gadchiroli in the partial fulfillment of the Degree of*



**MASTER OF SCIENCE IN CHEMISTRY**



**Submitted by**

*Miss . Monali Waman Dhawas*

*M.Sc. final Year (Chemistry)*

**Under the able Guidance of**

*Prof. Dr. S. A. Shah*

**Department of Chemistry**

**Anand Niketan College, Anandwan, Warora**

**2021-2022**


Department of Chemistry


Anand Niketan College, Anandwan, Warora

2021-2022

CERTIFICATE

*This is to certify that the project work on "To Determine chemoreception properties of some sugar and salt by volumetric method." contains a bonafied record of Miss. Monali Waman Dhawas who has worked on this project and completed the same during the academic year 2021-2022. This project work is being submitted in partial fulfillment of the Degree of "MASTER OF SCIENCE IN CHEMISTRY" of Gondwana University, Gadchiroli*

  
**Prof. Dr. S. A. Shah**  
Department Of Chemistry  
Head, Dept. Of Chemistry  
Anand Niketan College, Anandwan  
Warora, Distt - Chandrapur  
Anand Niketan College, Warora

  
**Prof. Dr. S. A. Shah**  
Department Of Chemistry  
Project Incharge  
Anand Niketan College, Anandwan  
Warora, Distt - Chandrapur  
Anand nikanetan college, warora

DATE - 26/05/22

DATE - 28/05/2022

**PROJECT REPORT**

**ON**

**“ TO STUDY SAPONIFICATION VALUE OF OILS AND PREPRATION  
OF SOAPS OF PROJECT”**

*Submitted to Gondwana University, Gadchiroli in the partial fulfillment of the  
Degree of*



**MASTER OF SCIENCE IN CHEMISTRY**



**Submitted by**

*Miss . Rutuja Nikesh Bora*

*M.sc. Part - II (chemistry)*

Under the able Guidance of

*Miss. Priyanka Bhukya*

Department of Chemistry

AnandNiketan College, Anandwan, Warora

2021 -2022

Department of Chemistry  
Anand Niketan College, Anandwan, Warora  
2021-2022

## CERTIFICATE

This is to certify that the project work on "TO STUDY SAPONIFICATION VALUE OF DIFFERENT OILS PREPARATION OF SOAPS" contains a bonafied record of Miss. Rutuja Nikesh Bora who has worked on this project and completed the same during the academic year 2021-2022. This project work is being submitted in partial fulfillment of the Degree of "MASTER OF SCIENCE IN CHEMISTRY" of Gondwana University, Gadchiroli.



Prof. S. A. Shah  
Head, Dept. Of Chemistry  
Department Of Chemistry  
Anand Niketan College Anandwan(warora)  
Anand Niketan College, Anandwan  
Warora, Distt.- Chhatisgarh



Lecturer  
Deptt. of Chemistry  
A. N. College, Warora  
Miss Priyanka Bhukya  
Project Incharge

DATE: 30/05/22

# Anand Niketan College, Anandwan, Warora

## Department of Physics

### Project Topic for M.Sc.

Session : 2021-2022

Sr. No.	Name of student	Project Topic	Guide
1	Guarav S. Ladhi	Comparative study of thermo acoustic parameter of alkalis with dimethyl sulfoxide at temperature 303 k.	Dr. A. A. Mistry
2	Sujit S. Lambat	Comparative study of thermo acoustic parameter of some organic liquid with aqueous potassium hydroxide at temperature 303.15 k	
3	Anagha Godmare	Synthesis and characterization of fluoride based phosphor	Dr. N. S. Ugemuge
4	Pratibha Bodhe	Synthesis and characterization of vanadate based phosphor	
5	Swapnil Tajne	Molecular interaction between L-alanine and water at different temperature using ultra sonic interferometer .	Prof . S. G. Rathod
6	Priyanka Moon	Synthesis of $KMgF_3$ by precipitation method and the study of their luminescence properties .	Prof . A.R. Pusdekar
7	Khushali Zade	Synthesis and characterization of Tungstate based phosphor	
8	Dhanashree B.Bhagat	Synthesis and PL characterization of Sm doped $Ca_{10}(PO_4)_6Cl_2$	Prof . R.T. Maske
9	Harshada P. Khaire	Synthesis and PL characterization of Dy doped $Ca_{10}(PO_4)_6Cl_2$	
10	Akash S. Padole	Synthesis and PL characterization of $Ca AlBo_4: Eu^{3+}$ Phosphor	
11	Vaibhav A. Zade	Synthesis and PL characterization of Sm doped $Ca AlBo_4$ Phosphor	
12	Suraj N. Yesekar	Synthesis and PL characterization of Dy doped $Ca AlBo_4$ Phosphor	
13	Pranoti Pimpalkar	Models for teaching crystallography.	Prof . M.P. Dhopte

**Project Report**  
**On**  
**“Comparative study of thermo-acoustic parameter of some  
alkalis with Dimethyl Sulfoxide at temperature 303K”**

Submitted to Gondwana University, Gadchiroli in the partial fulfillment of the  
Degree of



**MASTER OF SCIENCE IN PHYSICS**

Submitted by

**Mr. Gaurav S. Ladhi**

M.Sc. Final (Physics)

Under the able Guidance of

**Dr. A. A. Mistry**

Associate Professor



**Department of Physics**  
**Anand Niketan College, Anandwan, Warora**  
**2021-2022**



**Project Report**  
**On**  
**“Comparative study of thermo-acoustic parameter**  
**of some organic liquids with aqueous Potassium**  
**hydroxide at temperature 303.15K”**

Submitted to Gondwana University, Gadchiroli in the partial fulfillment of the  
Degree of



**MASTER OF SCIENCE IN PHYSICS**

Submitted by

**Mr. Sujit S. Lambat**

M.Sc. Final (Physics)

Under the able Guidance of

**Dr. Ashok. A. Mistry**

Associate Professor

**Department of Physics**



**Anand Niketan College, Anandwan, Warora**

**Session: 2021-2022**

Department of Physics  
Anand Niketan College, Anandwan, Warora  
2021-2022

**CERTIFICATE**

This is to certify that the project work on "**Comparative study of thermo-acoustic parameter of some organic liquids with aqueous Potassium hydroxide at temperature 303.15K**" contains a bonafied record of **Mr. Sujit S. Lambat** who has worked on this project and completed the same during the academic year **2021-2022**. This project work is being submitted in partial fulfillment of the Degree of "**MASTER OF SCIENCE IN PHYSICS**" of Gondwana University, Gadchiroli.

*V. S. Dhabarde*  
V. S. Dhabarde  
Head, Dept. of Physics  
Anand Niketan College, Warora

*Head*  
Department Of Physics  
Anand Niketan College  
Date: 30/5/2022  
Place: Warora Anandwan.

*Dr. Ashok A. Mistry*  
Dr. Ashok A. Mistry  
Project Incharge  
Anand Niketan College, Warora

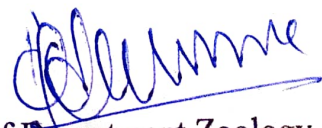
*28/05/2022*  
Date: 28/05/2022  
Place: Warora

*R. T. Maske*  
R. T. Maske  
(30/5/2022)  
Internal Examiner  
(R.T. Maske)

Gondwana University, Gadchiroli  
Anand Niketan College, Anandwan Warora (2021-22)

Project Topic Allotted to M.Sc Zoology Sem-IV

Sr. No	Name Of Student	Project Topic Name	Guide
1.	Priyalata R. Deotale	To Study Physicochemical Analysis Of Water In Coal Mine Area, Majri.	RRK/PJC
2.	Vaishnavi T. Garghate	To Study Beneficial Insects In Anandwan Area, Warora,	SRV/VAM
3.	Ashwini S. Khobragade	Study Of Insect Diversity In Miyawaki Region, Anandwan, Warora	HBP/PDJ
4.	Kiran C. Meshram	Study Of Spider Diversity In Miyawaki Region, Anandwan, Warora.	HBP/PDJ
5.	Vaishnavi W. Ban	To Study On Leprosy Patients In Anandwan Region.	APS /SML
6	Pooja S. Tadas	To Study Of Physicochemical Analysis Of Water In Anandwan Area, Warora.	TAD/PBW
7	Chanda R. Dhote	Study Of Phytoplanktons Diversity In Anandwan Lakes Warora.	SRV/VAM
8	Ravina V. Kamtkar	Status of Diabetes Melitus Patients In Wani, Dis. Yavatmal	APS/ VAM
9	Monika C. Raut	Study Of Zooplanktons Diversity In Anandwan Region, Warora. Dist. Chandrapur, (M.S.)	SRV/VAM
10	Shital D. Wandhare	A Study Of Pests On Cotton Crop In Umari Area.	TAD/PBW
11	Priyanka S. Chaudhari	Study Of Insect Order Coleoptera Species In Miyawaki Region, Anandwan, Warora.	RRK/PJC
12	Monali D. Bobde	Molluscan Diversity In An Around Sakharwahi Lake, Chandrapur Maharastra India	RRK/PJC
14	Shweta V. Khanekar	Study On Daphnia Culture In Warora Region.	SRV/VAM
14	Yogini R. Lonkar	Study On Avifaunal Diversity In Miyawaki Region, Anandwan, Warora.	HBP/PDJ
15	Nikita V. Deotale	Comparative Study Of Soil Analysis In Miyawani And Coal Mine Area.	RRK/PJC
16	Shital D. Balpande	Study On Butterfly Biodiversity In Miyawani Region , Anandwan, Warora.	APS/SML
17	Kiran S. Barekar	To Study On Divesity Of Ants In Miyawaki Region, Anandwan, Warora.	APS/SML
18	Pranali S. Ghaywan	To Study Harmful Insect In Wani Area.	SRV/VAM
19	Amrin S. Khan	To Study The Malaria Patients In Warora Region.	SRV/VAM
20	Chetna B. Kumawat	Study Of Cow Diseases In Wani Area.	HBP/PDJ
21	Divyani D. Pachare	To Study The Types Of Breeds And Their Management In Poultry Farming Of Wani Region.	TAD/PBW
22	Pratiksha V. Sonwane	A Study Of Cancer Patients In Warora Area.	TAD/PBW
23	Mayuri M. Bodhe	Assessment Of Cyclops Growth Using Waste Material As A Culture Media	SRV/VAM
24	Bhawana T. Balki	To Study The Kitchen Waste Vermicompost In Wani Region.	APS/SML

  
 Head of Department Zoology  
 Professor & Head  
 Department of Zoology

**ANAND NIETAN COLLEGE, WARORA**  
**DEPARTMENT OF COMMERCE**  
**B.COM III (SEM-VI)**  
**SUBJECT- MARKETING MANAGEMENT (2021-22)**  
**MARATHI MEDIUM**

Project Report Submitted in partial fulfillment of the requirement for the award of the degree of Bachelor of Commerce.

LIST OF STUDENTS PREPARED & SUBMITTED MARKETING MANAGEMENT PROJECT REPORT (2021-22)-

Group No.	Sr. No	Name of Student	Title of Project	Remark
1	1	Pritam Asutkar	"वरोरा शहरातील महिंद्रा दुचाकी वाहनाप्रती ग्राहकांच्या वर्तणुकीचा अभ्यास"	Submitted
	2	Shrikrushna Tikhat		
	3	Nandlal Pimpalkar		
	4	Dishant Meshram		
	5	Akash Bawane		
	6	Ku. Sumita Ambarwile		
	7	Ku. Kalyani Rane		
	8	Ku. Monali Bhoyar		
	9	Ku. Nutan Punawatkar		
	10	Ku. Sonam Bhusari		
	11	Ku. Ruchita U. Nival		
2	1	Ku. Monali Karhad	"एशियन पेंट व्यवसायाचा अभ्यास "	Submitted
	2	Ku. Priti Kinhekar		
	3	Bhavik Kale		
	4	Pratik Gedam		
	5	Ku. Sonam Sapat		
	6	Ku. Shital Mahajan		
	7	Ku. Arti Chawale		
	8	Ku. Rutuja Ingole		
	9	Ku. Madhuri Gawarkar		
	10	Ku. Dipali Kale.		
	11	Sameer Y. Sakharkar		
3	1	Prajyot Kale	"लिज्जत पापड व्यवसायाचा अभ्यास "	Submitted
	2	Rahul A. Bagde		
	3	Ashish A. Ramteke		
	4	Ku. Sonal S. Bidkar		
	5	Ku. Komal K. Bhoyar		
	6	Akshay D. Dhanwe		
	7	Vishwajit M. Daware		
	8	Vivek R. Gajbhe		
	9	Ku. Kishori A. Sarode		
	10	Pawan C. Dukare		
	11	Kunal P. Buran		
4.	1	Shri. Pratik Salekar	" भारतातील अधिकोष व्यवसायाचे उत्कृष्ट व सुसंगत प्रगतीचे अध्ययन "	Submitted
	2	Shri. Suraj Tajne		
	3	Sanket Urkande		
	4	Rahul Pawar		
	5	Ritesh Bhalm		
	6	Roshan Hiwarkar		

	7	Ku. Anushka Kuttarmare		
	8	Ku. Kanchan Sarode		
	9	Ku. Rupali Sarode		
	10	Ku. Shubhangi Bhagat		
	11	Ku. Ashvita Kumare		
5	1	Ku. Durga Dharne	"वरोरा शहरातील बिस्लरी आणि ऍक्वाफिन मिनरल पाणी उत्पादनाचा तुलनात्मक अभ्यास "	Submitted
	2	Ku. Priyanka Uike		
	3	Ku. Tanushri Doye		
	4	Ku. Yogita Dhote		
	5	Ku. Yogeshwari Badki		
	6	Ku. Sanjivani Wakde		
	7	Ku. Priyanka Meshram		
	8	Ku. Ashwini Atram		
	9	Ankit Deharkar		
	10	Rushikesh Darvekar		
	11	Rahul R, Dadmal		
6.	1	Gaurav Ghugare	"वरोरा शहरातील हमाम साबण वापरणाऱ्या ग्राहकांच्या समाधानाचा अभ्यास"	Submitted
	2	Roshan Lambat		
	3	Nikhil Raut		
	4	Rohit Khandalkar		
	5	Pramod Pusdekar		
	6	Tushar Gadhave		
	7	Sarang Bhedurkar		
	8	Monal Bothale		
	9	Sahil Bartine		
	10	Shubham Dhawane		
	11	Ku. Prachi R. Junghare		
7.	1	Rohit Wakde	"वरोरा शहरातील टाटा .स्काय डी टी एच सेवा वापरणाऱ्या ग्राहकांच्या समाधानाचा अभ्यास."	Submitted
	2	Saurabh Poinkar		
	3	Ganesh Raut		
	4	Pravin Date		
	5	Mohit Modak		
	6	Roshan Salwatkar		
	7	Prakash Jambhule		
	8	Sanket Bhongale		
	9	Yogesh Bodhe		
	10	Sukesh Wagh		
	11	Gaurav W. Nikure		
8.	1	Gopal Uike	" पारले उत्पादना प्रती ग्राहकांच्या वर्तणुकीचा अभ्यास "	Submitted
	2	Harshal Kuthe		
	3	Aniket Datarkar		
	4	Sughosh Kulkarni		
	5	Vishal kose		
	6	Ku. Sneha kodape		
	7	Ku. Nikita Mohurle		
	8	Ku. Pranju Kulmethe		
	9	Prajwal Lalsare		
	10	Nilesh Agbattanwar		
	11	Milan S. Sonule		

9.	1	Ku. Kajal Yede	"वरोरा शहरातील HERO दुचाकी वाहनाप्रती ग्राहकांच्या वर्तणुकीचा अभ्यास"	Submitted
	2	Ku. Vaishnavi Thak		
	3	Ku. Damini Meshram		
	4	Ku. Arpita Gajbhe		
	5	Gopal Tiwari		
	6	Anup Zade		
	7	Ku. Samrudhhi Shrirame		
	8	Ku. Krupali Sur		
	9	Ku. Apeksha Zile		
	10	Ku. Achal Sonawane		
	11	Gopal Dadmal		
	12	Gaurav Buran		
	13	Shubham Umare		

**Maharogi Sewa Samiti Warora**  
**Department of Botany**  
**List of M. Sc. Project Work – Summer, 2021**

Sr. No.	Name of the Student	Title of the Project Work
1	Akash Vikas Dadmal	Diversity status of <i>Pterocarpus marsupium</i> Roxb. and <i>Butea monosperma</i> (Lam.) Taub. At natural and man-made forests
2	Ankit Rajendra Telase	Diversity Study of <i>Sapindus emarginatus</i> Vahl and <i>Schleichera oleosa</i> (Lour.) Oken at Natural and Manmade Forest
3	Ashwini Ashok Kalaskar	Morphological and Anatomical study of plant <i>Ecbolium viride</i> (Forssk).Alston.
4	Ashwini Tajne	Comparative study of diversity status of <i>Ficus religiosa</i> and <i>Ficus benghalensis</i> within Man-made and Natural forests
5	Bhavna Vijay Chamate	Diversity status of <i>Cassia fistula</i> at manmade and natural forests
6	Kalyani Dattatray Shingru	Diversity assessment of <i>Mitragyna parvifolia</i> (Roxb.) Korth and <i>Haldina cordifolia</i> (Roxb.) Ridsdale at Manmade and Natural Forests.
7	Prajakta Vinayak Narad	Autecological studies of <i>Embolia officinalis</i> L. At Atal Anandwan High Density Plantation site
8	Pratiksha Ashok Narawade	Estimating Diversity of <i>Albizia Procera</i> (Roxb.) Benth. and <i>Albizia odoratissima</i> (L.f.) Benth. at Natural and Manmade Forest,
9	Pratiksha Nandkishor Kayarkar	Primary diversity study of two genera of Mimosaceae, <i>Albizia lebbeck</i> (L.) Benth. & <i>Acacia catechu</i> (L.F.) Willid. within manmade and natural forest
10	Preeti Deepak Dutta	Comparative diversity status of <i>Ziziphus mauritiana</i> at manmade and natural forests
12	Priya Ramesh Dhande	Preliminary diversity study to <i>Terminalia bellirica</i> (Gaertn.) Roxb. In two localities of Chandrapur District
13	Puja suresh Telmasre	Diversity status of <i>Ficus virens</i> and <i>Ficus racemosa</i> studied within man-made and Natural forests.
14	Rakhi Prakash Sakharkar	Investigating diversity status of <i>Terminalia arjuna</i> (Roxb.ex. DC) Wight & Arn.in manmade and natural forests.
15	Rakhi Prakash Sakharkar	Investigating diversity status of <i>Terminalia arjuna</i> (Roxb.ex.DC) Wight and Arn in manmade and natural forests.
16	Rani Bandu Sahare	Diversity Status of <i>Madhuca longifolia</i> and <i>Manilkara hexandra</i> at Man-made and Natural Forests'.
17	Sagar Gopichand Behade	Estimation of DO, BOD and COD of the two manmade water bodies located in somanath project.
19	Sakshi Raju Bakane	Autecological studies of <i>Carissa spinarum</i> L. at Atal Anandwan High density plantation site.
20	Shraddha vinod dhote	Review on Bioinformatics studies in <i>Kydia calycina</i>
20	Shruti Prakash Neware	Analysis of <i>Gmelina arborea</i> Roxb. At Manmade and Natural Forests
21	Uma Madhav Bhanarkar	Autecological studies of <i>Woodfordia fruticosa</i> at Atal Anandwan high density plantation site
22	Vijeta Vasantarao Darokar	Physico-Chemical Studies of Soil Samples at few sites from Somnath Project in Chandrapur District of Maharashtra'