

**Topics of Project to be done by Students of 6th Semester major
Batch 2019-22**

Sl No	Univ. Roll No	Name of Student	Topic	Name of Guide Teacher
01	1815000729	Sweta Debnath	Adsorption of capacity of activated charcoal made from Guava tree.	Sri Narottam Karmakar
02	1915000261	Aparna Paul	Antidiabetic activity of methanolic extract of <i>Costus pictus</i> leaf.	Dr Samhita Bhaumik
03	1915000717	Ankurita Pal	Adsorption potential of activated carbon produced from the wood of Jav plum.	Sri Narottam Karmakar
04	1915000722	Arpita Bhowmik	Antimicrobial properties of methanolic extract of <i>Tamarindus indica</i> seeds.	Dr Samhita Bhaumik
05	1915000723	Arpita Sarkar	Adsorption of capacity of activated charcoal made from Jackfruit tree.	Sri Narottam Karmakar
06	1915000734	Debarati Das	Spectrophotometric study of <i>Cascabela thevetia</i> flower with respect to acid base indicator	Dr. Gautam Chel
07	1915000735	Debasmita Majumder	Adsorption of capacity of activated charcoal made from coconut shell.	Sri Narottam Karmakar
08	1915000766	Nabanita Biswas	Calcium contents in locally available different brands of milk in Tripura.	Dr Samhita Bhaumik
09	1915000768	Nandini Debbarma	Investigation of acid-base indicator property of <i>Hibiscus rosasinensis</i> .	Dr. Gautam Chel
10	1915000775	Parama Majumder	Adsorption of capacity of activated charcoal made of hardwood from Mango tree.	Sri Narottam Karmakar
11	1915000777	Parmita Nandi	Natural indicators from different Hibiscus flower's petals	Dr. Gautam Chel
12	1915000788	Priya Roy	Antidiabetic activity of methanolic extract of <i>Costus pictus</i> root	Dr Samhita Bhaumik
13	1915000797	Ranita Sen	Study of Adsorption of Methylene Blue Dye using Activated Charcoal prepared from Olive-tree wood.	Sri Narottam Karmakar
14	1915000798	Raseswari Debbarma	Acid-base indicator property of Hibiscus flower pigments.	Dr. Gautam Chel
15	1915000824	Simran Bhowmik	Antimicrobial activity of <i>Nerium oleander</i> against <i>E. coli</i> .	Dr. Gautam Chel
16	1915000832	Sreya Rakshit	Antimicrobial activity of <i>Calotrops gigatea</i> against <i>E. coli</i> .	Dr. Gautam Chel
17	1915000835	Subarna Dey	Antidiabetic activity of methanolic extract of <i>Costus pictus</i> bark.	Dr Samhita Bhaumik
18	1915000838	Sulankhi Roy	Manganese and Copper chelates: synthesis and spectral properties	Dr Samhita Bhaumik



Topics of Project to be done by Students of 6th Semester General-2022

Sl No	Univ. Roll No	Name of Student	Topic	Name of Guide Teacher
01	1914000485	Sarmistha Paul	Water quality assessment of Burigaon river at Bypass bridge, Bishalgarh	Dr Samhita Bhaumik
02	1915000744	Gayatri Sarkar	Water quality assessment of Feni river at Sabroom, Agartala	Dr Samhita Bhaumik
03	1914000843	Sania Saha	Water quality assessment of Burigaon river at Dashamighat, Bishalgarh	Dr Samhita Bhaumik
04	1914000479	Reshmi Debnath	Water quality assessment of Howra river at Purba Naogaon (Nalgaria), Agartala	Dr Samhita Bhaumik
05	1914000459	Ishita Mahalanabish	Water quality assessment of Feni river at Maitry setu, Sabroom, Agartala	Dr Samhita Bhaumik
06	1914000486	Sayantika Sengupta	Water quality assessment of Howra river at Dashamighat, Agartala	Dr Samhita Bhaumik



CERTIFICATE

This is to certify that the project report titled "Calcium contents in locally available different brands of milk in Tripura" submitted by Nabanita Biswas to women's college, Agartala affiliated to Tripura University (A central university) in fulfilment of the requirements of the degree of Bachelor of Science with Major in Chemistry is a record of the literature review work carried out by the Department of Chemistry, Women's college, Agartala under my supervision and guidance Nabanita Biswas has worked on this topic and the work in my opinion is worthy of consideration for the award of degree of Bachelor of Science in Major in Chemistry in accordance with the regulations of Tripura University.

Date :- 11/08/2022

 11.08.2022
Dr. Samhita Bhattacharya
H.O.D of Women's college
Department of Chemistry.
Agartala, West Tripura.

CERTIFICATE

This is to certify that the project report entitled "Natural Acid Base indicators from different Hibiscus flower's petals" is bonafide record of work done by Smt. Parvita Mandal a student of B.Sc (Hons. in Chemistry) 6th Semester, (Registration No of 010735-2019) under my direct supervision during the year 2021-2022. This report was made for the partial fulfillment of B.Sc. (Hons.) degree in Chemistry of Tripura University and was not submitted for any other degree by him or any other else.

Dated, Agartala
11 August, 2022


11/08/2022

CERTIFICATE

This is to certify that the project report entitled, “ACID BASE INDICATOR PROPERTY OF HIBISCUS FLOWERS PIGMENTS” is a bonafide record of work done by **Smt. Raseswari Debbarma**, a student of B.Sc. (Hons. in Chemistry) 6th Semester, (Registration No. 010720 of 2019-2020) under my direct supervision during the year 2014-2015. This report was made for the partial fulfilment of B.Sc. (Hons.) degree in Chemistry of Tripura University and was not submitted for any other degree by him or any other else.

**Dated, Agartala
10 August, 2022**


(Dr. Gautam Chel)
Associate Professor
Department of Chemistry
Women's College
Agartala, Tripura (west)

Certificate

This is to certify that the project report entitled, “**Antidiabetic Activity of *Custus pictus* Stem**” is a bonafide record of work done by **Smt. Subarna Dey**, a student of B.Sc. (Hons. in Chemistry) 6th Semester, (Registration No. 010733 of 2019-2020) under my direct supervision during the year 2022. This report was made for the partial fulfilment of B.Sc. (Hons.) degree in Chemistry of Tripura University and was not submitted for any other degree by her or any other else.

**Dated, Agartala
11th August, 2022**

 11.08.2022
(Dr. Samhita Bhaumik)
Associate Professor
Department of Chemistry
Women's College
Agartala, Tripura (west)

Certificate

This is to certify that the project report entitled, "Antimicrobial activity of *Calotropis gigantea* against *E. coli*" is a bonafide record of work done by Smt. SREYA RAKSHIT a student of B.Sc. (Hons in Chemistry) 6th Semester, (Registration No- 010632 of 2019-2022) under my direct supervision during the year 2022. This report was made for the partial fulfilment of B.Sc (Hons) degree in Chemistry of Tripura University and was not submitted for any other degree by him or any other else.

Dated, Agartala
11 August, 2022


(Dr. Gautam Chel)
Associate Professor
Department of Chemistry
Women's college
Agartala, Tripura (West)

Certificate

This is to certify that the project report entitled, “Antimicrobial properties of methanolic extract of *Tamarindus indica* seeds” is a bonafide record of work done by **Smt. Arpita Bhowmik**, a student of B.Sc. (Hons. in Chemistry) 6th Semester, (Registration No. 010713 of 2019-2020) under my direct supervision during the year 2022. This report was made for the partial fulfilment of B.Sc. (Hons.) degree in Chemistry of Tripura University and was not submitted for any other degree by her or any other else.

Dated, Agartala
11th August, 2022

 11.08.2022
(Dr. Samhita Bhaumik)
Associate Professor
Department of Chemistry
Women's College
Agartala, Tripura (west)

Certificate

This is to certify that Priya Roy, a student of Semester VI B.Sc (honours) reading in Women's college has successfully completed the project on the topic "Antidiabetic activity of Costus Pictus (root)" under the guidance of Department of Forestry & Biodiversity, Tripura university & Chemistry Department of Women's college during the year 2021-2022.

Sambita

11.08.2022

Dr. Sambita Bhaumik
Department of
Chemistry.

Women's College,
Agartala

Certificate

This is to certify that the project report entitled, “**Manganese and Copper Chelates: Synthesis and Spectral Properties**” is a bonafide record of work done by **Smt. Sulankhi Roy**, a student of B.Sc. (Hons. in Chemistry) 6th Semester, (Registration No. 010630 of 2019-2020) under my direct supervision during the year 2022. This report was made for the partial fulfilment of B.Sc. (Hons.) degree in Chemistry of Tripura University and was not submitted for any other degree by her or any other else.

**Dated, Agartala
11th August, 2022**


11.08.2022
(Dr. Samhita Bhaumik)
Associate Professor
Department of Chemistry
Women's College
Agartala, Tripura (west)

CERTIFICATE

This is to certify that the project report entitled , “ Anti-diabetic Activity Of Methanolic Extract Of Costus pictus Leaf ” is a bonafide record of work done by Smt. Aparna Paul, a student of B.Sc.(Hons. in Chemistry) 6th Semester (Registration No. 010271 of 2019-2020) under my direct supervision during the year 2022-2023. This report was made for the partial fulfillments of B.Sc. (Hons.) degree in chemistry of Tripura University and was not submitted for any other degree by him or any other else.

Dated, Agartala .
11 August,2022

 11.08.2022
Dr. Samhita Bhaumik
(HOD of the Department
of Chemistry)
Women's College
Agartala, Tripura (West)

Certificate

This is to certify that the project report entitled, **“SPECTROPHOTOMETRIC STUDY OF CASCABELA THEVETIA FLOWER WITH RESPECT TO ACID BASE INDICATOR”** is a bonafide record of work done by **Smt. DEBARATI DAS**, a student of B.Sc. (Hons. in Chemistry) 6th Semester, (Registration no 010640 of 2019-2020) under my direct supervision during the year 2022. This report was made for the partial fulfilment of B.Sc. (Hons.) degree in Chemistry of Tripura University and was not submitted for any other degree by him or any other else.

**Dated, Agartala
11 August, 2022**


(Dr. Gautam Chel)
Associate Professor
Department of Chemistry
Women's College
Agartala, Tripura (west)

Certificate

This is to certify that the project report entitled, “**Adsorption capacity of activated charcoal made from Guava tree**” is a bonafide record of work done by **Smt. Shweta Debnath**, a student of B.Sc. (Hons. in Chemistry) 6th Semester, (Registration No. 007267 of 2018-2019) under my direct supervision during the year 2022. This report was made for the partial fulfilment of B.Sc. (Hons.) degree in Chemistry of Tripura University and was not submitted for any other degree by her or any other else.

Dated, Agartala
11th August, 2022


(Narottam Karmakar)
Assistant Professor
Department of Chemistry
Women's College
Agartala, Tripura (west)

Certificate

This is to certify that the project report entitled, “**Study of Adsorption of Methylene blue by using Activated charcoal prepared from Olive tree wood**” is a bonafide record of work done by **Smt. Ranita Sen**, a student of B.Sc. (Hons. in Chemistry) 6th Semester, (Registration No. 010736 of 2019-2020) under my direct supervision during the year 2022. This report was made for the partial fulfilment of B.Sc. (Hons.) degree in Chemistry of Tripura University and was not submitted for any other degree by her or any other else.

**Dated, Agartala
11th August, 2022**


(Narottam Karmakar)
Assistant Professor
Department of Chemistry
Women's College
Agartala, Tripura (west)

Certificate

This is to certify that the project report entitled, “Investigation of Acid-base Indicator Property of *Hibiscus rosa-sinensis*” is a bonafide record of work done by Smt. Nandini Debbarma, a student of B.Sc. (Hons. in Chemistry) 6th Semester, (Registration No.010636 of 2019-2020) under my direct supervision during the year 2021-2022. This report was made for the partial fulfilment of B.Sc. (Hons.) degree in Chemistry of Tripura University and was not submitted for any other degree by her or any other else.

Dated, Agartala
10th August, 2022


10/08/2022
(Dr. Gautam Chel)
Associate Professor
Department of Chemistry
Women's College
Agartala, Tripura (west)

Certificate

This is to certify that the project report entitled, “**Adsorption capacity of activated charcoal made of hardwood from mango tree**” is a bonafide record of work done by **Smt. Parama Majumder**, a student of B.Sc. (Hons. in Chemistry) 6th Semester, (Registration No. 010634 of 2019-2020) under my direct supervision during the year 2022. This report was made for the partial fulfilment of B.Sc. (Hons.) degree in Chemistry of Tripura University and was not submitted for any other degree by her or any other else.

Dated, Agartala
11th August, 2022


(Narottam Karmakar)
Assistant Professor
Department of Chemistry
Women's College
Agartala, Tripura (west)

Certificate

This is to certify that the project report entitled "anti-microbial activity of *N. Oleander* against *E. Coli*" is a bonafide record of work done by Smt. Simran Bhowmik, a student of B.Sc (Hons. in chemistry), 6th semester, (Registration no. 010631 of 2019, 2020) under my direct supervision during the year 2022. This report was made for the partial fulfilment of B.Sc (Hons.) degree in chemistry of Tripura University and was not submitted for any other degree by her or any other else.

Dated, Agartala
11 August, 2022


11/08/22
(Dr. Gautam Chel)
Associate Professor
Department of Chemistry
Women's College
Agartala, Tripura (West)

Certificate

This is to certify that Samistha Paul of 6th Semester B.Sc (Pass) has carried out the project work in "Water quality assessment of Burigaon river at Bypass bridge, Bishalgarh" under my supervision and guidance.

All the work related to this study was done by the candidate herself and her approach to this study of this subject of Service and Scientific. I am fully satisfied with the project work.


Signature of Guide

Certificate

This is to certify that the project report entitled, “**Adsorption capacity of Activated charcoal made from Jackfruit tree**” is a bonafide record of work done by **Smt. Arpita Sarkar**, a student of B.Sc. (Hons. in Chemistry) 6th Semester, (Registration No. 010749 of 2019-2020) under my direct supervision during the year 2022. This report was made for the partial fulfilment of B.Sc. (Hons.) degree in Chemistry of Tripura University and was not submitted for any other degree by her or any other else.

Dated, Agartala
11th August, 2022


(Narottam Karmakar)
Assistant Professor
Department of Chemistry
Women's College
Agartala, Tripura (west)

Certificate

This is to certify that the project report entitled, “**Adsorption potential of activated carbon produced from the wood of Java plum**” is a bonafide record of work done by **Smt. Ankurita Pal**, a student of B.Sc. (Hons. in Chemistry) 6th Semester, (Registration No. 010638 of 2019-2020) under my direct supervision during the year 2022. This report was made for the partial fulfilment of B.Sc. (Hons.) degree in Chemistry of Tripura University and was not submitted for any other degree by her or any other else.

Dated, Agartala
11th August, 2022


(Narottam Karmakar)
Assistant Professor
Department of Chemistry
Women's College
Agartala, Tripura (west)

Certificate

This is to certify that the project report entitled, “**Adsorption capacity of activated charcoal made from Coconut shell**” is a bonafide record of work done by **Smt. Debasmita Majumder**, a student of B.Sc. (Hons. in Chemistry) 6th Semester, (Registration No. 010637 of 2019-2020) under my direct supervision during the year 2022. This report was made for the partial fulfilment of B.Sc. (Hons.) degree in Chemistry of Tripura University and was not submitted for any other degree by her or any other else.

Dated, Agartala
11th August, 2022


(Narottam Karmakar)
Assistant Professor
Department of Chemistry
Women's College
Agartala, Tripura (west)

CERTIFICATE

This is to certify that Ishita Mahalanabish, a student of Semester VI B.Sc (General) reading in Women's College has Successfully Completed the Project on the topic "Water Quality assessment of Ferni River at Maitri Setu" Under the guidance of Tripura State Pollution Control Board and Chemistry Department of Women's College during the year 2021-2022.

Date:


Signature of Guide

Certificate:-

This is to certify that Sania Saha of 6th Semester B.Sc (Pass) has carried out the Project work in "Water quality assessment of Burigadon river at Dashamighat, Bishalgarh" under my supervision and guidance.

All the work related to this study was done by the candidate herself and her approach to this study of this subject of service and scientific.

I am fully satisfied with the Project work.


Signature of Guide

~:~ CERTIFICATE ~:~

This is to certify that Sayanika Sengupta, a student of B.Sc 6th semester (Pass) has successfully completed the project work in "Water quality assessment of Hoora river at dashameghat, Agaratala" under my supervision and guidance.

All the work related to this study was done by the candidate herself and her approach to this study of this subject of service and scientific.

I am fully satisfied with the project work.


Signature of guide