

Department of Chemistry
CY-415 Final Year Design Project
Project List



F/SOP FYDP/02/00

Batch 2019

Semester Fall

S.No.	Project Title	Student Name	Supervisor	Co-Supervisor	Industry
01	Synthesis and characterization of carboxylic acid derivatives of drug candidates	1- Amimah Madni 2-Sameen Sarfaraz 3-Maira Ahmed 4-Anusha Khan	Dr. Rafia Usman Khan	Dr. Nuzhat Arshad	-----
02	Synthesis of the derivatives of aromatic acids	1-Qareena Khan 2-Malaima 3-Attehra Afaq 4-Muhammad Faiq	Dr. Anjum Ayub	-----	-----
03	Synthesis of the derivatives of biologically active triterpenoid	1-Syed Qalb-e-Haider 2- Nasir Hussain 3-Asad-ud-din 4-Huzaifa Ayaz	Dr. Anjum Ayub	Dr. Nuzhat Arshad	-----
04	Synthesis of curcumin capped bimetallic nanoparticles and their applications	1-Syeda Zafirah Masood Raza 2-Muhammad Azram Ali Khan 3-Iesha Touheed 4-M.Danish Aziz	Dr. Amtul Qayoom	Dr. Saeeda Nadir Ali	-----
05	Wax-based edible coating preparation	1-Muhammad Owais 2- Junaid Ahmed 3-Muhammad Ibrahim 4-Muhammad Umar	Dr. Saeeda Nadir Ali	-----	-----
06	Synthesis and characterization of wax-based nanoparticles	1-Kinza Nasir 2-Amna Yasin 3- Muhammad Hamza Madni 4- Muhammad Ali	Dr. Saeeda Nadir Ali	Dr. Urooj Assistant Professor FUUAST Karachi	-----

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07	Characterization of molasses chemical composition	1- Bisma Farhan 2- Sana Khan 3- Muhammad Ibad Khan 4- Muhammad Arham Haider	Dr. Saeeda Nadir Ali	Eng. Adnan Javed Pirzada, General Manager, Dewan Sugar Mill & Distillery Division	-----
08	Nutritional values of some seaweeds collected from coastal area of Pakistan	1- Hassan Khan 2- Insharah Khan 3- Asra 4- Alizah Ashraf	Dr. Kashif Ahmed	Dr. Ehsan Elahi Valeen, Assistant Professor, University of Karachi	-----
09	Antimicrobial activities of some seaweeds from coastal area of Pakistan	1- Ali Javed 2- Ahzam 3- Usman Jamil 4- Hamza Ali Shah	Dr. Kashif Ahmed	Dr. Ehsan Elahi Valeen, Assistant Professor, University of Karachi	-----
10	Production, partial purification and characterization of CM-cellulose by microbial sources	1- Tooba Siddiqui 2- Syeda Maha Hassan 3- Junaid Qureshi 4- Muhammad Bilal Zafar	Dr. Kashif Ahmed	-----	-----
11	Development of manufacturing process for Thermoplastic Polyurethane (TPU).	1- Fatima Sitara 2- Shagufta Kanwal 3- Osama Farid 4- Arbaz ul haq	Mr. Ansar Khan	-----	-----
12	Nanocomposite membranes for sustainable water treatment applications	1- Syeda Hadia Qaseem 2- Houria Adnan 3- Syed Abbas Ali 4- Syed Bilal Shams	Dr. Shazia Perveen	Syed Ghazanfar Hussain	-----
13	Fabricated 2D carbon based electrochemical sensor for point-of-care testing	1-Muhammad Umer Khan 2-Tahreem Siddique	Dr. Shazia Perveen	Syed Ghazanfar Hussain	-----

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		3- Alisha Nazish Khan 4- Urooj Noushad			
14	Fabrication of cation exchange membrane (CEM) for alkali recovery from waste water	1- Basit Siddiqui 2- M. Sameer Khan 3- Aqsa Shaikh 4- Ramsha Kanwal	Dr. Shazia Perveen	Syed Ghazanfar Hussain	-----

FYDP Coordinator

Shazia Perveen
6/10/2022

Chairperson

Mehar

6/10/22