

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



Batch 2018

Semester Fall

S.No.	Project Title	Supervisor	Co-Supervisor	Industry
01	Novel synthesis of nano composite stabilized by Unique Thiadiazine derivatives for Biological & Environmental Applications.	Dr. Rafia Usman Khan	Dr. Nuzhat Arshad	-----
02	Facile synthesis of Silver nanohybrid stabilized by novel pyrimidine derivatives for Textiles, Biological & Environmental Applications.	Dr. Rafia Usman Khan	Dr. Nuzhat Arshad	-----
03	Synthesis of the derivatives of steroidal triterpene.	Dr. Anjum Ayub	Dr. Nuzhat Arshad	-----
04	Synthesis of the derivatives of a triterpenoid.	Dr. Anjum Ayub	Dr. Nuzhat Arshad	-----
05	Preparation and characterizations of Dihydro pyrimidine based hetero cycles of bio-interest via coupling reactions.	Dr. Nuzhat Arshad	-----	-----
06	Modification and characterizations of bio-interesting Dihydro pyrimidines of Biginelli type via coupling reaction.	Dr. Nuzhat Arshad	-----	-----
07	Synthesis, characterization and Applications of curcumin stabilized metallic nanoparticles.	Dr. Amtul Qayoom	Dr. Erum Zahir, Professor Department of Chemistry, University of Karachi	-----
08	Robustness testing for simultaneous determination of Amlodipine besalyte, Perindopril and Atorvastatin calcium drugs.	Dr. Amtul Qayoom	Dr. Saeeda Nadir Ali	-----
09	Production of highly potential standardized herbal extract of Adhotoda vasica (L.).	Dr. Saeeda Nadir Ali	Dr. Muhammad Saleem Qazi, Senior Scientific Officer, PCSIR	-----
10	Low cost Fire Extinguishing System for Enhanced Industrial Safety.	Dr. Syed Farhan Hasany	Syed Ghazanfar Hussain	-----
11	Green synthesis of silver nanoparticles by using plant extract.	Ms. Hira Sultan	-----	-----
12	Synthesis of mixed ligand complexes and their application.	Ms. Hira Sultan	-----	-----

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F/SOP FYDP/02/00

13	Isolation and characterization of bioactive secondary metabolite of Justicia Adhatoda L.	Ms. Sadaf Iqbal	Dr. Anjum Ayub	-----
14	New developments in dispersing Agents and Manufacture.	Mr. Ansar Khan	-----	-----
15	Thermoplastic Urethane Manufacturing.	Mr. Ansar Khan	-----	-----
16	Production, partial Purification and characterization of protease by Aspergillus Niger.	Dr. Kashif Ahmed	-----	-----
17	Production, partial Purification and characterization of amylase by Aspergillus Niger.	Dr. Kashif Ahmed	-----	-----
18	Production, partial Purification and characterization of invertase by Aspergillus Niger.	Dr. Kashif Ahmed	-----	-----

FYDP Coordinator

[Signature]
2/11/21

Chairperson

[Signature]
2/11/2021