Department of Chemical Engineering
National Institute of Technology Srinagar
Notice Dated: 07/10/2020

Sub: Submission of choice form for B. Tech Project, Batch-2017

It is hereby informed to all the B.Tech 7th Semester (Batch-2017) students that the following B.Tech projects are available under the guidance of respective faculty members. The concerned students are advised to download the choice form from the Departmental web page and mail the duly filled in form with the signatures to the undersigned at shashikantkumar@nitsri.net by October 15, 2020. The maximum number of students in a group is 3. There should not be overlapping of group for a student i.e., one student is allowed to appear in one group only.

Name of Faculty	B. Tech Project Topics
Prof. (Dr.) M. N. S. Khan	1. Microbial Production of Vitmin B12 2. Biotechnological Production of Antibiotics
Dr. F. Q. Mir	1. Heat Transfer study in Microchannels 2. Electrodialysis 3. Membrane Separations 4. Batteries 5. Super Capacitors
Dr. M. A. Rather	1. Modelling of Environmental Pollution 2. Thermochemical Studies of biomass from water bodies 3. Studies upon the growth of algae/biofilm in laboratory
Dr. Tanveer Rasool	1. Manufacturing of low cost sanitizer using biomass 2. Low cost Liquid Soap Manufacturing using essential oils 3. Estimation and Removal of Nitrates and phosphates from wastewater 4. Modelling of adsorption/photocatalysis of a pollutant on nanoparticles
Dr. Malik Parveez	1. Modeling and simulation of flow through packed beds. 2. Simulation of non Newtonian flow 3. Simulation of nano fluid flow through spiral pipe
Dr. B. Krishna Srihari	1. Fluid flow and Heat Transfer studies in rectangular Channels 2. Simulation studies in microchannels 3. Fluid flow and Heat Transfer Simulations in Microchannels using COMSOL Multiphysics
Dr. Kurella Swamy	1. Modeling on particulate removal in wet scrubbers. 2. Modeling on gas pollutants in wet scrubbers. 3. Phase Transfer Catalysis 4. Design of a wet scrubber for biogas enrichment.
Dr. Shashikant Kumar	1. Mathematical Modeling of Flux in Ultrafiltration Membrane 2. Effects of design and operating parameters on the declination of permeate flux for ultrafiltration
Dr. Fatima Jalid	1. Microkinetic Modeling of Water Promoted CO Oxidation 2. Microkinetic Modeling for Methanol synthesis from syngas 3. Microkinetic Modelling for Ammonia Production

Sd/-

(Dr. Shashikant Kumar)

(B.Tech Project Coordinator)

Copy to:
1. HOD, Chemical Engineering for information please.
2. Notice Boards
3. Departmental website coordinator with a request to upload on the website.
4. Concerned File.