

**PG DEPARTMENT OF CHEMISTRY
NIRMALAGIRI COLLEGE, KUTHUPARAMBA**

STUDENT PROJECTS

M.Sc. CHEMISTRY 2019-21 Batch

No	Name of the Student	Title of the Project	Supervisor
1	CYLSOON CYRIL	Pva-pvc/ps thin films for vapour permeation studies of aliphatic alcohols	Dr. ROSY ANTONY
2	ADITHYA T. P	Synthesis characterization and drug loading studies of cobalt loaded zeolite-pectin nanocomposite	RAKESH. K. E
3	ANAGHA E.M	Synthesis and application of $La_{1-x}Ca_xCO_3$ towards oxygen evolution reaction	Dr.NYGIL THOMAS
4	ANJITHA CHANDRAN. V	Synthesis of Cobalt and Iron Based Spinel's for OER studies	Dr.NYGIL THOMAS
5	DILNA DAS	Manganese and Cobalt Based Spinel's for Supercapacitor Applications	Dr.NYGIL THOMAS
6	DINISHA DINESAN.C. K	Photocatalytic and antibacterial studies of nickel loaded zeolite-chitosan nanocomposite	RAKESH. K. E
7	HARIVANDHITHA M V	Heterostructured nanocomposite of ceria/bentonite and its environmental applications	Dr. AVIS TRESA BABU
8	JISMAYA K	Manganese Oxides and Oxyhydroxides for Supercapacitor Applications	Dr.NYGIL THOMAS
9	MAFHOOOMA P	Synthesis and Characterization of Cobalt based Oxide, Hydroxide and Oxy hydroxide for OER Studies	Dr.NYGIL THOMAS
10	REVATHI P V	Composite thin films of pvc/ps filled with TiO_2 for barrier property measurements.	Dr. ROSY ANTONY
11	SARGA.M	Synthesis and characterization of cobalt loaded zeolite-chitosan nanocomposite as a novel drug carrier	RAKESH. K. E
12	SWATHI VENUGOPAL	Solution Combustion Synthesis of $La_{0.5}Ca_{0.5}Co_xFe_{1-x}O_3$ Perovskites and its Application in Oxygen Evolution Reactions	Dr.NYGIL THOMAS

B.Sc. CHEMISTRY 2018-21 Batch

No	Name of the Students	Title of the Project	Supervisor
1	Theertha K P Neeraja Puthiyaveettil Ambika U Amaya kumar Uthara Vaishnav Hareedran Chandana Rajesh	Pectin extraction from fruit peel of passion fruit.	Dr. Nygil Thomas
2	ALEENA MANUEL ASHITHA KRISHNAN KRISHNAPRIYA M K ADHARSH A V LINTU E J PRAYAG K FATHIMA T K	Green Synthesis of Silver Nanoparticles Analysis on Experimental Conditions.	Dr. Manjusha Mathew
3	Anagha Manoj Divya C K Vaishnavi Angel Joseph Nigitha.T Vishnumaya Mesha	Alkylation of phenol using phase transfer catalyst.	Dr. Sijy Mathew
4	Aakarsh Apritha Ajith Radhika Devika Ardra Jishna	Study on zeolites -cobalt oxide nanocomposites.	Rakesh K.E
5	Ashina Juhina Abhishek Jismariya Rithika Aswanth	Estimation of phosphate content in soft drinks	Sruthi John