

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

STUDENT PROJECTS

M.Sc. CHEMISTRY 2020-22 Batch

No	Name of the Student	Title of the Project	Supervisor
1	AMAYA REJI	BIOSYNTHESIS OF ZNO & NIO NANOPARTICLES FOR PHOTODEGRADATION	Dr. SIJI MATHEW
2	ANUSREE K P	EFFECT OF SUBSTITUTION OF ZN ON STRUCTURAL AND ELECTROCHEMICAL PROPERTIES OF SPINEL NiCO_2O_4	Dr. NYGIL THOMAS
3	ATHIRA NARAYAN	MG,AL- NO_3 AND ZN,AL- NO_3 HYDROTALCITES AS GREEN SOLID BASE CATALYST FOR CLAISEN – SCHMIDT CONDENSATION.	Dr. SUMY JOSEPH
4	ATHIRA WINNY	SYNTHESIS, CHARACTERISATION AND ANION EXCHANGE REACTIONS OF Ni-Zn HYDROXY NITRATE	Dr. NYGIL THOMAS
5	CHYTHRA A	BIOGENIC SYNTHESIS OF αMnO_2 / MnO_4 NANOCOMPOSITES USING FRUIT EXTRACT OF TERMINALIA BELLIRICA FOR ENHANCED PHOTOCATALYTIC APPLICATIONS	Dr. AVIS TRESA BABU
6	DIBINA DINESH P V	SYNTHESIS AND ELECTROCATALYTIC PROPERTIES OF Ni-SUBSTITUTED Co_3O_4 FOR OXYGEN EVOLUTION REACTION IN ALKALINE MEDIUM	Dr. NYGIL THOMAS
7	JOSMI JOSHI	SYNTHESIS AND CHARACTERISATION OF CHELATING AGENT-INTERCALATED DOUBLE HYDROXIDE (LDHs): PROSPECTS FOR HEAVY METAL ION SORPTION STUDIES	Dr. SUMY JOSEPH
8	MEGHA MOHAN C	BIO-SYNTHESIS OF METAL OXIDE ZEOLITE COMPOSITE USING NEEM LEAF EXTRACT	EBIN SEBASTIAN
9	RAKENDU VINOD M	SYNTHESIS OF REDUCED GRAPHENE OXIDE-SILVER CONJUGATE FOR PHOTOTHERMAL THERAPY	Dr. AJESH P THOMAS
10	RIBA SHERIN E	AGGREGATION INDUCED EMISSION PROPERTIES OF PYRENE APPENDED TETRAPHENYLETHENE IN THE PRESENCE OF REDUCED GRAPHENE OXIDE	Dr. AJESH P THOMAS
11	THEJA SAJAN K T	SYNTHESIS AND APPLICATION OF NICKEL-ALUMINIUM LAYERED DOUBLE HYDROXIDE/ CARBON NANOTUBE NANOCOMPOSITE AS A NOVEL DRUG CARRIER	Dr. RAKESH. K. E

B.Sc. CHEMISTRY 2019-22 Batch

No	Name of the Students	Title of the Project	Supervisor
1	ALWIN T SUNNY ARCHANA ANIL P M HAREESHMA K SANDWANAPRIYA K JESWINE TOM FATHIMA FAHMI RAGI K ROSHAN JOHN	PREPARATION OF ZINC OXIDE NANOPARTICLES BY PRECIPITATION METHOD	Dr. NYGIL THOMAS
2	ANUSREE K GOPIKA KRISHNAN POOJA K P KRITHIK V K NIMISHA P THERESA THANKACHAN ARUNIMA C K ANANTHU JAYARAJ	BIOSYNTHESIS OF SILVER NANOPRTICLES – AN INVESTIGATION ON EXPERIMENTAL CONDITION	Dr. MANJUSHA MATHEW
3	ATHIRA BABU RINU MARIYA SAMYUKTH K P HARIHARN B JISNA V V AISWARYA CHATHOTHU JITHWARA S SAYANA P	INVESTIGATION OF THE COMPOUNDS PRESENT IN THE SYZYGIIUMCUMINI FRUITS	Dr. SIJY MATHEW
4	DILSA VALSAN P K KIRAN PAUL MALAVIKA MOHAN MITHALI KRISHNA ALEENA MATHEW SRUTHI SUNNY VARSHA P V	SYNTHESIS, CHARACTERISATION & ANTIBACTERIAL APPLICATION OF Zn-Fe LAYERD DOUBLE HYDROXIDE	Dr. RAKESH K.E
5	AYANA JOHNS SNEHA N P K SHIKA BABURAJ JERIL JAISON JOSHIN M VARGHESE MEGHA MARIET SITHARA V R	SILVER DOPPED ZINC FERRITE NANOCOMPOSITES FOR PHOTODEGRADATION OF TOXIC ORGANIC DYE	Dr. AVIS TRESA BABU