

## Projects > Postgraduate Project Topics > Chemistry Projects

Projects > Postgraduate Project Topics > Chemistry Projects — Batch 1

#	Product Name	Price
1	SYNTHESIS, CHARACTERIZATION, AND VIRTUAL SCREENING OF ANILINE HYDRAZONE AND ITS METAL COMPLEXES AGAINST SARS-COV-2 PROTEASE	\$40
2	ADSORPTION KINETICS FOR THE REMOVAL OF DYES BY BIO WASTE MATERIALS IN AQUEOUS MEDIUM	\$20
3	GC-MS CHARACTERIZATION AND BIOPROTECTIVE POTENTIALS OF SECONDARY METABOLITES FROM THE LEAVES, STEM BARK AND ROOT BARK OF VITEX DONIANA SWEET (VERBENACEAE)	\$20
4	PREPARATION, PHYSICOCHEMICAL, SPECTROSCOPIC AND RHEOLOGICAL CHARACTERIZATION OF SOME PLANT GUM COMPOSITES	\$20
5	CHEMICAL COMPOSITION OF FRUIT PULP AND LEAVES OF DIALLIUM GUINEENSE PLANTS	\$20
6	CORROSION INHIBITION PROPERTIES OF ACETONE EXTRACT OF CASSIA FISTULA PODS ON MILD STEEL AND ALUMINIUM IN HCL MEDIUM	\$20
7	CHEMICAL STUDIES AND ANTIMICROBIAL SCREENING OF THE LEAVES AND SEEDS OF PILOSTIGMA THINNINGI (FABACEAE)	\$20
8	ISOLATION AND NMR CHARACTERIZATION OF URSANE TYPE TRITERPENOID AND THE BIOPROTECTIVE INVESTIGATIONS OF SECONDARY METABOLITES FROM THE LEAVES OF PEPEROMIA PELLUCIDA	\$20
9	EFFICACY OF THE BLEND OF EXTRACTS FROM AFZELIA AFRICANA, BRACHYSTEGIA EURYCOMA AND MOMORDICA CHARANTIA SEEDS FOR CORROSION INHIBITION OF MILD STEEL IN 1M HCL SOLUTION	\$20
10	EXPERIMENTAL AND QUANTUM STUDIES ON THE CORROSION INHIBITION OF ZINC AND MILD STEEL IN HYDROCHLORIC ACID MEDIUM USING SCHIFF BASES.	\$20
11	ADSORPTION OF RHODAMINE B AND MALACHITE GREEN FROM AQUEOUS SOLUTIONS ONTO NANOCOMPOSITES COMPOSED OF BIOMASS, SILVER NANOPARTICLES AND CARBON NANOTUBES	\$20
12	SAPINDACEAE SECONDARY METABOLITES FROM ALLOPHYLUS AFRICANUS	\$20
13	OPTIMUM CONDITIONS FOR THE BENCHSCALE PRODUCTION OF BIODIESEL FROM WASTE FRYING OIL	\$20
14	TOXICITY OF DISPERSANTS USED FOR OIL SPILL REMEDIATION ON TILAPIA GUINEENSIS	\$20
15	KINETIC, ISOTHERM AND THERMODYNAMIC STUDIES OF THE REMOVAL OF PB(II) AND CD(II) FROM AQUEOUS SOLUTION	\$20
16	ISOLATION, CHARACTERISATION AND ANALGESIC PROPERTIES OF CHLOROFORM EXTRACT FROM STACHYTARPHETA ANGUSTIFOLIA	\$20
17	ASSESSMENT OF SOME PHYSICOCHEMICAL PARAMETERS OF GROUNDWATER SAMPLES FROM FOUR LOCAL GOVERNMENT AREAS IN KANO STATE	\$20
18	EVALUATION OF CHEMICAL COMPOSITION OF CARROT (DAUCUS CAROTA), SWEET POTATOES (IPOMEA BATATA) AND BEETROOT(BETA VULGARIS)	\$20
19	CHEMICAL STUDIES, ISOLATION AND STRUCTURAL ELUCIDATION OF BIOACTIVE CONSTITUENTS OF AGERATUM CONYZOIDES LINN LEAVES AND STEMS	\$20
20	ISOLATION, CHARACTERIZATION AND ANTIMALARIAL ACTIVITY OF BIOACTIVE COMPONENTS FROM THE LEAVES OF ALCHORNEA CORDIFOLIA (SCHUMACH. & THONN.) MULL. ARG	\$20
21	THE EFFICIENCY OF UNMODIFIED AND MODIFIED GARCINIA KOLA POD HUSK IN THE REMOVAL OF CR (III), PB (II) AND CD (II) FROM AQUEOUS SOLUTION.	\$20
22	ADSORPTION OF CR(III), CD(II), PB(II) AND CU(II) IONS FROM AQUEOUS SOLUTION USING PALM TRUNK ADSORBENT	\$20
23	COMPARATIVE ASSESSMENT OF PROXIMATE, MACRO MINERAL, PHYTOCHEMICAL AND HEAVY METAL CONTENTS OF LEAFY VEGETABLES SOURCED FROM TWO MAJOR MARKETS IN UMUAHIA	\$20
24	ISOLATION AND CHARACTERIZATION OF BIOACTIVE COMPOUNDS OF LACTUCA TARAXACIFOLIA (WILD LETTUCE)	\$20
25	ISOLATION AND CHARACTERIZATION OF BIOACTIVE NATURAL PRODUCTS IN JUSTICIA SPICIGERA (ACANTHACEAE)	\$20
26	EXPERIMENTAL AND COMPUTATIONAL STUDIES ON THE CORROSION INHIBITION POTENTIALS OF SCHIFF BASES SYNTHESISED FROM LINOLEIC AND BENHERIC ACIDS ON MILD STEEL AND ALUMINISED STEEL IN HCL ACID MEDIUM	\$20
27	ISOLATION AND NMR CHARACTERIZATION OF A SECONDARY METABOLITE FROM THE LEAVES OF EMILIA COCCINEA (SIMS) G.DON AND THEIR BIOACTIVITY STUDIES	\$20
28	DETERMINATION OF HEAVY METALS (AS, CD, HG, PB) CONCENTRATION ON SOILS AND SETTLED DUST OF MECHANIC WORKSHOPS AT AFIKPO IN AFIKPO NORTH L.G.A OF EBONYI STATE, NIGERIA	\$20
29	CORROSION INHIBITION PROPERTIES OF SOME SCHIFF BASES ON ZINC IN 0.1M H2SO4	\$20
30	ADSORPTION OF PB2+, CU2+ AND FE2+ FROM AQUEOUS SOLUTION USING THE AFRICAN VELVET TAMARIND SEED (DIALIUM GUINEENSE)	\$20
31	SYNTHESIS, CHARACTERIZATION AND ANTIBACTERIAL ACTIVITIES OF PHENYLMETHYLIDENE-(1-3-THIAZOLE-2YLMETHYL) SULFONYL METHYLANILINE SCHIFF BASE AND ITS FE (III) NI (II) AND MN (II) COMPLEXES.	\$20

#	Product Name	Price
32	DETERMINATION OF HEAVY METALS (ZN, PB, CD, AS) CONCENTRATIONS IN THE SOIL AND LEACHATE OF THE MUNICIPAL OPEN DUMPSITE AT UBAKALA, UMUAHIA SOUTH L.G.A, ABIA STATE, NIGERIA	\$20
33	ISOLATION AND NMR CHARACTERIZATION OF A SECONDARY METABOLITE FROM THE LEAVES OF DISSOTIS ROTUNDIFOLIA AND INVESTIGATION OF ITS BIOPROTECTIVE POTENTIALS	\$20
34	SOME PHYSICOCHEMICAL CHARACTERISTICS AND SPATIAL DISTRIBUTION OF HEAVY METALS AND POLY AROMATIC HYDROCARBONS IN THREE RIVERS IN AHOADA WEST, RIVERS STATE OF NIGERIA	\$20
35	CHEMICAL CONSTITUENTS AND ANALGESIC ACTIVITY OF EXTRACTS FROM NEWBOULDIA LAEVIS LEAF (P.BEAUV)	\$20
36	REMOVAL OF $Cl^-$ , $NO_3^-$ , $PO_4^{3-}$ AND $SO_4^{2-}$ FROM PABOD BREWERY EFFLUENT USING RIPE AND UNRIPE PLANTAIN (MUSA PARADISIACA) PEELS AS AN ADSORBENT	\$20
37	IMPACT OF WATER TREATMENT AND STORAGE ON THE DETERIORATION OF PACKAGED WATER BEFORE SHELF-LIFE EXPIRATION	\$20
38	ISOLATION, CHARACTERIZATION AND BIOACTIVITY OF CHEMICAL CONSTITUENTS FROM THE STEMBARK OF LONCHOCARPUS SERICEUS (POIR) KUNTH EX DC (PAPILIONACEAE)	\$20
39	SYNTHESIS, CHARACTERIZATION, AND SOLVENT EXTRACTION STUDIES OF ACYLPYRAZOLONE LIGANDS AND THEIR MN(II), FE(III) AND TI(III) COMPLEXES	\$20
40	ADSORPTION KINETICS FOR THE REMOVAL OF DYES BY BIO-WASTE MATERIALS IN AQUEOUS MEDIUM	\$20
41	ISOLATION AND CHARACTERIZATION OF BIOACTIVE COMPOUNDS FROM CENTAUREA SENEGALENSIS [DC]	\$20
42	MOLECULAR DOCKING, VIRTUAL SCREENING, DRUG LIKENESS, PHARMACOKINETIC PROPERTIES PREDICTION AND DFT CALCULATIONS OF SOME ANTI LIVER CANCER AGENT	\$20
43	SYNTHESIS, CHARACTERIZATION AND APPLICATION OF NOVEL PALLADIUM COMPLEXES	\$20
44	INDUCTION OF SECONDARY METABOLITES BY ENDOPHYTIC FUNGI IN PHASEOLUS VULGARIS FOR LIRIOMYZA LEAFMINER AND FALL ARMYWORM MANAGEMENT	\$20
45	SYNTHESIS, CHARACTERIZATION AND ANTI CANCER APPLICATION OF PLATINUM (II) THIOSEMICARBAZONE COMPLEXES	\$20
46	STABILITY OF PYRETHRINS IN DRYING METHODS OF PYRETHRUM FLOWERS	\$20
47	PHYTOCHEMICAL INVESTIGATION OF FIVE PENTAS SPECIES FOR LEISHMANICIDAL PRINCIPLES	\$20
48	ASSESSMENT OF COPPER, MANGANESE, POTASSIUM AND ZINC LEVELS IN TEA LEAVES AND THEIR INFUSIONS	\$20
49	HEAT INTEGRATION OF HYDROGEN PRODUCTION FROM GLYCEROL REFORMING PROCESSES	\$20
50	STUDIES ON THE IMPACT RESISTANCE OF CASHEW NUTSHELL POWDER AND CALCIUM CARBONATE FILLED POLYPROPYLENE	\$20
51	PHYTOCHEMICAL AND ANTIMICROBIAL STUDIES OF THE METHANOL EXTRACT OF THE ROOT OF NAPOLEONAEA HEUDELOTTI (A.JUSS)	\$20
52	ISOLATION AND CHARACTERIZATION OF BIOACTIVE COMPOUNDS FROM STEMBARK EXTRACT OF UAPACA PILOSA HUTCH	\$20
53	EVALUATION OF SOME HEAVY METALS CONCENTRATIONS IN CHOCOLATE, CANDIES AND TOMATO PUREE IMPORTED FROM CHINA	\$20
54	EVALUATION OF SOME CHEMICAL CONSTITUENTS OF SELECTED ENERGY DRINKS	\$20
55	EFFECT OF ACRYLIC POLYMER DISPERSION ON WATER VAPOUR PERMEABILITY AND SOME OTHER PHYSICAL PROPERTIES OF FINISHED LEATHERS	\$20
56	ASSESSMENT OF EUTROPHICATION LEVEL OF MUNICIPAL SURFACE WATER, ABUJA NIGERIA	\$20