



SACRED HEART COLLEGE (AUTONOMOUS)

Tirupattur District – 635601

Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31/4 at ‘A+’ Grade,

Affiliated to Thiruvalluvar University

Project List 2018-2019

| S. No | Register Number | Name of the students | Title of the Project |
|-------|-----------------|----------------------|---|
| 1 | BP170402 | POOVIZHI M R | Understanding the Confirmation transition in GLUT transporter using the coarse-grained model |
| 2 | BP170403 | MANIMEGALAI V | Extraction and Separation of Phytochemicals on Surulai Kodi available in Yelagiri Hills |
| 3 | BP170404 | PRIYADHARSHINI G | Studies on Polyoxometalate based compounds |
| 4 | BP170405 | NIVETHA V | Characterisation of PEM based on Blend Polymer (PVP+PPA) with Magnesium Phosphate |
| 5 | BP170406 | PRAVEENA D | Synthesis and Characterisation of CTA encapsulated Polyoxomolybdate within Inverse Micro Emulsion |
| 6 | BP170407 | MUZAKKIRA Y | Extraction and Separation of Phytochemicals on Tarenna Asiatica leaves found in Yelagiri Hills |
| 7 | BP170408 | ELAVARASAN S | Determination of Fluoride and Defluoridation by activated carbon from Feronia Limonia tree bark and shell |
| 8 | BP170409 | GRACEDORATHI A | Synthesis and Characterisation of Poly vinyl alcohol assisted Hydroxyapatite coupled with Ultrasonication by precipitation method |
| 9 | BP170410 | PRABU S | Characterisation of PEM based on Blend Polymer (PVP+PPA) with Magnesium Sulphate |
| 10 | BP170411 | SAKTHIVEL K | Detection of Antibiotic Residues in Cow Milk |

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| 11 | BP170412 | TAMILARASAN G | Characterisation of PEM based on Blend Polymer (PVP+PPA) with Magnesium Chromate |
| 12 | BP170413 | JAGADEESH V | Spectroscopic study and application of Copper Doped Graphitic Carbon Nitride |
| 13 | BP170414 | POZHILAN M | Synthesis of Photophysical studies of Ruthenium (II) Tris benzimidazole pyridine encapsulated with Copper (II) Macrocyclic Complex |
| 14 | BP170415 | NAZIA S | Synthesis of Cobalt (II) Polypyridyl complex for Functionalised Nanocomposites |
| 15 | BP170416 | SHEIK MUZZAMMIL A | Synthesis and Characterisation of Hybrid Materials |
| 16 | BP170417 | SOLAIYAR R K | Synthesis of Iron (II) Polypyridyl complex for Functionalised Nanoparticles |
| 17 | BP170418 | JAYAPRAKASAM V | Synthesis and Characterisation of DMSO with Strontium assisted Hydroxyapatite powder by Micro Emulsion method |
| 18 | BP170419 | ARUN G | Synthesis of multinuclear Ru (II) – Cu (II) transition metal complexes for photo physical studies |
| 19 | BP170420 | MICHAEL P | Synthesis and photophysical studies of Ruthenium (II) Imidazole Complex Bridged through Hydroxyl Naphthalene |
| 20 | BP170421 | EZHILARASI P | Synthesis and photophysical studies of Tetranuclear Ruthenium (II) Benzimidazole Pyridine Complexes Bridged by compartmental Macrocyclic complexes |
| 21 | BP170422 | SABARI S | Synthesis of Corrosion inhibitor from plant extract |
| 22 | BP170423 | VINOTH K | Understanding the conformational transition of Ferroprotein using the structure based modelling |
| 23 | BP170424 | DINAKARAN S | Eco – Friendly synthesis of Silver Nanoparticles using Lablab Purpureus Plant extract |
| 24 | BP170425 | SELVAM S | Synthesis and Characterisation of Polyoxometalates by Hydrothermal method |
| 25 | BP170426 | ARUN S | Green synthesis of Silver |

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| | | | Nanoparticles using Jatropha Gossypifolia Flower extract |
| 26 | BP170427 | ASWATHI O P | Adsorption of Chromium on Tamarind Fruit Shell |
| 27 | BP170428 | NITHYA S | Synthesis and photophysical studies of Dinuclear Ruthenium (II) complexes encapsulated with Multi metallic compartmental Copper (II) Complex |
| 28 | BP170429 | VIJAYAN D | Detection of Heavy Metals in Lipsticks |