## SRI Y.N.COLLEGE(A)

## Dr.C.S.Rao.PG.CENTRE (A)

## M.Sc. ORGANIC CHEMISTRY (2021-2023)

| Regd.No | Name of the student                     | Project title                              |
|---------|---|--|
| 2105001 | ADDANKI DHARMARAJU                      | EXTRACTION SCREENING AND ESTIMATION OF     |
|         |   | PHYTOCHEMICAL CONSTITUENTS IN              |
|         |   | RHODOCACTUS CORRUGATA BY USING UV-VISIBLE  |
|         |   | SPECTROPHOTOMETRY                          |
| 2105002 | AKANA BANGARAM                          | ESTIMATION OF CARBIDOPA IN PHARMACEUTICAL  |
|         |   | FORMULATIONS USING REVERSE PHASE HIGH      |
|         |   | PERFORMANCE LIQUID CHROMATOGRAPHY (RP-     |
|         |   | HPLC)                                      |
| 2105003 | ALLANKA SRAVANI                         | EXTRACTION AND DETERMINATION OF PHENOLIC   |
|         |   | COMPOUNDS IN RHODOCACTUS CORRUGATA BY      |
|         |   | REVERSE PHASE HIGH PERFORMANCE LIQUID      |
|         |   | CHROMATOGRAPHY (RP-HPLC)                   |
| 2105004 | DASARI ASA DURGA                        | EXTRACTION AND DETERMINATION OF            |
|         | PRASANNA                                | FLAVANOIDS IN RHODOCACTUS GRANDHIFOLIUS    |
|         |   | EXTRACT BY USING REVERSE PHASE HIGH        |
|         |   | PERFORMANCE LIQUID CHROMATOGRAPHY (RP-     |
|         |   | HPLC)                                      |
| 2105005 | DUSANAPUDI DIWAKAR                      | EXTRACTION AND DETERMINATION OF PHENOLIC   |
|         |   | COMPOUNDS IN CASSIA FISTULA PLANT BY       |
|         |   | REVERSE PHASE HIGH PERFORMANCE LIQUID      |
|         |   | CHROMATOGRAPHY(RP-HPLC)                    |
| 2105006 | EEVANA DEVI TULASI                      | DETERMINATION OF SULPHATES AND PHOSPHATES  |
|         |   | IN DIFFERENT WATER SAMPLES BY USING UV-    |
|         |   | VISIBLE SPECTROPHOTOMETRY                  |
| 2105007 | GANTA VIJAYA KUMARI                     | ESTIMATION OF SODIUM CALCIUM AND           |
|         |   | POTASSIUM LEVELS IN DIFFERENT DRY FRUIT    |
|         |   | SAMPLES BY USING FLAME PHOTOMETRY          |
| 2105008 | GOLLAMANDALA MALLIKA                    | ESTIMATION OF NITRATES AND NITRITES IN     |
|         |   | DEFFERENT WATER SAMPLES BY USING UV-       |
|         |   | VISIBLE SPECTROPHOTOMETRY                  |
| 2105009 | JAVVADI ANUSHA                          | DETERMINATION OF SODIUM CALCIUM AND        |
|         |   | POTASSIUM LEVELS IN MASALA SAMPLES BY      |
|         |   | USING FLAME PHOTOMETRY                     |
| 2105010 | JOGI BHANOJI RAO                        | GREEN SYNTHESIS OF NICKEL NANO PARTICLES   |
|         |   | USING AQUEOUS EXTRACT OF RHODOCACTUS       |
|         |   | CIRRUGATE AND ANTI-OXIDANT ACTIVITY OF     |
|         |   | SYNTHESIZED NICKEL NANO PARTICLES BY USING |
| 2107011 | *************************************** | UV-VISIBLE SPECTROPHOTOMETRY               |
| 2105011 | KARAGANI NAGA LAKSHMI                   | EXTRACTION AND GAS CHROMTOGRAPHY           |
|         |   | ANALYSIS OF ESSNTIAL OILEXTRACTED FROM     |
| 2105012 | WOLL AND DING : DD : G : D              | AJWAIN SEEDS AND LEAF                      |
| 2105012 | KOLLATI DURGA PRASAD                    | COMPARETIVE ANTIOXIDENT ACTIVITY OF        |
|         |   | DIFFERENT PARTS OF RHODOCACTUS             |
|         |   | STENANTHUS BY USING UV-VISIBLE             |
|         |   | SPECTROPHOTOMETRY                          |

| 2105013 | KOTTU VASANTHA                 | DETERMINATION OF ACTIVE INGREDIENTS IN<br>AYUSH PRODUCTS BY REVERSE PHASE HIGH<br>PERFORMANCE LIQUID CHROMATOGRAPHY(RP-<br>HPLC)                     |
|---------|--------------------------------|--|
| 2105014 | KOWRU SRIPAVAN                 | EXTRACTION AND ESTIMATION OF FOOD<br>PRESEVATIVE E211 (SODIUM BENZOATE) IN<br>BEVERAGES AND LIQUID SAMPLES BY USING UV-<br>VISIBLE SPECTROPHOTOMETRY |
| 2105015 | KUDIPUDI SIRISHA               | ESTIMATION OF BUSPIRONE IN PHARMACEUTICAL<br>FORMULATIONS USING REVERSE PHASE HIGH<br>PERFORMANCE LIQUID CHROMATOGRAPHY (RP-<br>HPLC)                |
| 2105016 | MALLULA RAJESH                 | SEPARATION AND IDENTIFICATION OF VOLATILE<br>ORGANIC COMPOUNS IN BASMATI RICE BY GAS<br>CHROMATOGRAPHY   |
| 2105017 | MATTAPARTHI TEJASWINI          | ESTIMATION OF NITROFURANTOIN IN PHARMACEUTICAL FORMULATIONS USING REVERSE PHASE HIGH PERFORMANCE LIQUID CHROMATOGRAPHY(RP-HPLC)                      |
| 2105018 | MARY SUVARNA PREETHI<br>AMBATI | DETERMINATION OF VOLATILE ORGANIC<br>COMPOUNDS IN ESSENTIAL OILS ISOLATED FROM<br>DIFFERENT CITRUS FRUITS BY GAS<br>CHROMATOGRAPHY                   |
| 2105019 | ODUGU KRISHNA VASU             | ESTIMATION OF LEVOFLOXACIN IN PHARMACRUTICAL FORMULATIONS USING REVERSE PHASE HIGH PERFORMANCE LIQUID CHROMATOGRAPHY(RP-HPLC)                        |
| 2105020 | ODUGU PAVAN KALYAN             | ANALYSIS OF CITRIC ACID USED IN AQUA SAMPLES BY USING UV-VISSIBLE SPECTROPHOTOMETER  |
| 2105021 | PALA ESWARI                    | DETERMINATION AROMATIC ORGANIC<br>COMPOUNDS IN COSMOTICS(SHAMPOO SAMPLES)<br>BY GAS CHROMATOGRAPHY   |
| 2105022 | PEREPU NAGAANUSHA              | NEW VISIBLE SPECTROPHOTOMETER METHOD DEVELEPMENT AND VALIDATION FOR THE ESTIMATION OF LEVOFLOXACIN IN PHARMACEUTICAL FORMULATION                     |
| 2105023 | RAVI LAKSHMI ANUSHA            | THE EFFECT OF STRESS DEGRADATION CONDITIONS ON THE STABILITY OF RIFAMIPICIN USING UV-VISIBLE SPECTROPHOTOMETER                                       |
| 2105024 | UNGARALA RAMESH                | ASSESSMENT OF SPECIFIC PRODUCTS FOR<br>VALATILE COMPOUNDS IN COSMETIC BY GAS<br>CHROMATOGRAPHY   |
| 2105025 | KOLLU DORA BABU                | DETERMINATION OF NICOTINE IN DIFFERENT<br>SAMPLES BY REVERSE PHASE HIGH PERFORMANCE<br>LIQUID CHROMATOGRAPHY (RP-HPLC)                               |