### SIR SYED COLLEGE TALIPARAMBA

# **DEPARTMENT OF CHEMISTRY**

### DETAILS OF PG PROJECTS 2018-20 BATCH

|   | REG.NO     | NAME                 | PROJECT TOPIC  | INTERNAL<br>GUIDE    | INSTITUTION                        |
|---|------------|----------------------|--|----------------------|------------------------------------|
| 1 | B8PSCH1401 | ANJALI C             | SYNTHESIS AND STUDY OF<br>PYRAN BASED DONOR-π-<br>ACCEPTOR SYSTEM FOR<br>HEAVY METAL ION<br>DETECTION. | DR BIJU A R          | CUSAT                              |
| 2 | B8PSCH1402 | ANJU S               | ELECTROCATALYTIC<br>REDUCTION OF<br>CARBONDIOXIDE OVER<br>COBALT OXIDE CONFINED<br>ON MXENE.           | SARAYU<br>JAYADEVAN  | CENTRAL<br>UNIVERSITY OF<br>KERALA |
| 3 | B8PSCH1403 | FATHIMA<br>RIZWANA K | SYNTHESIS AND<br>CHARACTERISATION OF<br>POLYANILINE AND<br>GRAPHENE OXIDE<br>COMPOSITES.               | VIJITHA              | NIT CALICUT                        |
| 4 | B8PSCH1404 | FIDHA<br>FATHIMA     | POST MODIFICATION OF<br>ELECTROSPUN ABS<br>MEMBRANE USING<br>GRAPHENE OXIDE.                           | VIJITHA              | NIT CALICUT                        |
| 5 | B8PSCH1405 | GOPIKA P V           | SYNTHESIS AND STUDY<br>OFCARBAZOLE BARBITURIC<br>ACID CONJUGATE FOR<br>HEAVY METAL ION<br>DETECTION.   | SARAYU<br>JAYADEVAN  | CUSAT                              |
| 6 | B8PSCH1406 | HABEEBA<br>HASSAN B  | SYNTHESIS OF RICEBRAN<br>OIL FROM GINGELLY OIL<br>USING PVC AS LUBRICANT.                              | DR FAZAL E           | NIT CALICUT                        |
| 7 | B8PSCH1407 | HARSHA<br>MUKUNDAN   | ELECTROCATALYTIC<br>REDUCTION OF<br>CARBONDIOXIDE OVER TIN<br>OXIDE CONFINED ON<br>MXENE               | SHAHABANU P          | CENTRAL<br>UNIVERSITY OF<br>KERALA |
| 8 | B8PSCH1408 | HASANATH<br>B        | MICROWAVE ASSISTED<br>ALKALINE EXTRACTION OF<br>LIGNIN FROM BANANA<br>PEDUNCLE.                        | MUHAMMED<br>SAYEED T | NIT CALICUT                        |

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| 9  | B8PSCH1409 | JASEELA B                    | ANALYSIS OF RAW SALT.  | MUHAMMED<br>SAYEED T | TRAVANCORE<br>COCHIN<br>CHEMICALS<br>(TCC), KOCHI |
|----|------------|------------------------------|--|----------------------|---|
| 10 | B8PSCH1410 | MUFNIDA N                    | PREPARATION AND<br>CHARACTERISATION OF<br>NYLON FIBRE REINFORCED<br>PMMA COMPOSITE                                   | DR ASHWANI<br>KUMAR  | NIT CALICUT                                       |
| 11 | B8PSCH1411 | MUHSINA V<br>P               | PREPARATION AND<br>PERFORMANCE<br>MODIFICATIONOF<br>POLYURETHANE RUBBER.   | SHAHABANU P          | NIT CALICUT                                       |
| 12 | B8PSCH1412 | NADEERA R<br>P               | ANALYSIS OF CAUSTIC<br>SODA FLAKES   | DR ASHWANI<br>KUMAR  | TRAVANCORE<br>COCHIN<br>CHEMICALS<br>(TCC), KOCHI |
| 13 | B8PSCH1413 | SHAHANA<br>HASSAN M          | PRODUCTION OF BIO-<br>ETHANOL FROM BANANA<br>PEDUNCLE USING<br>SIMULTANEOUS<br>SACCHARIFICATION AND<br>FERMENTATION. | МАЛТНА К Р           | NIT CALICUT                                       |
| 14 | B8PSCH1414 | SOORYA<br>SREEDHARA<br>N P T | DIFFUSION STUDIES ON<br>BUTYL RUBBER MODIFIED<br>POLYURETHANE RUBBER<br>BLENDS.                                      | МАЈІТНА К Р          | NIT CALICUT                                       |
| 15 | B8PSCH1415 | THASNEEM<br>ARIF             | EXTRACTION OF<br>MICROCRYSTALLINE<br>CELLULOSE FROM BANANA<br>PEDUNCLE.  | DR FAZAL E           | NIT CALICUT                                       |

Percentage of students undertaking the projects: 100%