

**Department of Basic Science and Humanities**

**2023-24**

| Sl.No. | Title                                                                                                            | Name of Faculty   | Conference/Journal                        | DOI                                                                                                 |
|--------|------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 1.     | Performance of rough secant slider bearing lubricated with couple stress fluid in the presence of magnetic field | Dr.Tesymol Cyriac | Modern Physics Letters B                  | <a href="https://doi.org/10.1142/S0217984924501409">https://doi.org/10.1142/S0217984924501409</a>   |
| 2      | Acetylation of glycerol for triacetin production over metal/non-metal doped cobalt ferrite nanocatalysts         | Dr.Kavitha S      | Brazilian Journal of Chemical Engineering | <a href="https://doi.org/10.1007/s43153-023-00355-6">https://doi.org/10.1007/s43153-023-00355-6</a> |