

## BOOKS AND PUBLICATIONS

1. **Jhancy Mary S**, Julia Sebastian, Miriam Daniel, Bernaurdshaw Neppolian, Electroactive modified poly(2-aminobenzoic acid) - blend - aloevera/ GCE as an efficient dopamine sensor, Journal of Polymer Research, ISSN 1572-8935, 2023, Volume 30, pp 356.
2. **Scholastica Mary Vithiya B**, Athisa Roselyn Maheo, Augustine Arul Prasad, Mangesh VL, Tamizhdurai Perumal Wahidah H Al Qahtani, Mani Govindasamy, Cytotoxic, Antidiabetic and Antioxidant study of priogenically improvised Elsholtzia blanda and chitosan assisted zinc oxide nanoparticles, ACS Omega, ISSN 2470-1343, 2023, Volume 8, pp 10954 – 10967.
3. **Scholastica Mary Vithiya B**, Augustine Arul Prasad, Edal Queen J, Tamizhdurai P, Nadavala Siva Kumar, Ahmed Alfatesh, Janardhan Reddy Koduru, Catalytic reduction of anionic and cationic toxic dyes and evaluation of antimicronial activity using green synthesized palladium nanoparticles employing carica papaya aqueous leaf extract, Journal of Saudi Chemical Society, ISSN 1319-6103, 2023, Volume 27, pp 101759.
4. **Sugantha Kumari V**, Khaleel Basha S, Shanmuga Priya V, Sustainable removal of hexavalent chromium using graphene oxide - iron oxide reinforced pectin/ polyvinyl alcohol magnetic gel beads, International Journal of Biological Macromolecules, ISSN 0141-8130, 2023, Volume 257, pp 128542.
5. **Sugantha Kumari V**, Khaleel Basha S, Shanmuga Priya V, Kinetics and adsorption performance of biosorbent starch/poly vinyl alcohol graphene oxide nanocomposite for the removal of dyes, Journal of Umm Al-Qura University for Applied Science, ISSN 2731-6734, 2023, Volume 9, pp 529 – 547.
6. **Sugantha Kumari V**, Syed Muzammil Munawara, Dhandayuthabani Rajendirana, Khaleel Basha Sabjan, Development of pH sensitive nanopectin/insulin based nanoemulsion for oral insulin drug delivery, YMER, [ISSN 0044-0477](#), 2024, Volume 23, pp 176 -197.
7. **Sugantha Kumari V**, Syed Muzammil Munawara, Dhandayuthabani Rajendirana, Khaleel Basha Sabjan, Probing insulin bioactivity in oral nanoemulsion produced by emulsification assisted electrostatic self assembly cross linking method, YMER, [ISSN 0044-0477](#), 2024 Volume 23, pp 97 – 119.
8. **Radha E**, Thandapani Gomathi, Susi S, Mohammed Mujahid Alam, Abdullag G. Al-Sehemi, Pazhanisamy P, Sekar Vijaya kumar, Copper(II) ion removal from aqueous solutions using alginate nanoparticles / carboxymethyl cellulose / polyethylene glycol ternary blend: characterisation, isotherm and kinetic studies, Journal of Polymer Testing, ISSN 0142-9418, 2024, Volume 130, pp 108321.