

List of Publications

International Journals:

- [1] **Akanksha Singh**, Pooja Goswami, Biplob Koch, Preetam Singh, Ram Pyare, Study of Human Osteosarcoma cell line growth, Hemocompatibility, In-vitro analysis and physical properties of V₂O₅ substituted Borosilicate glass. Silicon (SCI Journal, Impact factor-3.4). <https://doi.org/10.1007/s12633-024-02849-5>.
- [2] **Akanksha Singh**, Pooja Goswami, Biplob Koch, Preetam Singh, Ram Pyare, Mechanical behaviour, in-vitro analysis, hemocompatibility and study of human osteosarcoma cell line proliferation of TiO₂ substituted 1393-B3 borate glass. Ceramic International (SCI Journal, Impact factor-5.2). <https://doi.org/10.1016/j.ceramint.2024.05.159>.
- [3] **Akanksha Singh**, Shubham Jaiswal, Preetam Singh, Ram Pyare Impact of electrical polarization in the production of hydroxyapatite on ZnO substituted 45S5 bioglass. Physica Scripta (SCI Journal, Impact factor-2.9). <https://doi/10.1088/1402-4896/ad4feb>.
- [4] **Akanksha Singh**, Satyendra Kumar Singh, Pooja Goswami, Biplob Koch, Preetam Singh, Ram Pyare, Impact of substituting ZrO₂ in 1393-B3 borate glass on its mechanical and biological characteristics. (Under revision process in Ceramic International Journal: Positive comment received).
- [5] **Akanksha Singh**, Preetam Singh, Ram Pyare, Synthesis, characterizations, and study of human osteosarcoma cell line proliferation of V₂O₅ substituted 1393-B3 Borate glass. (Under review in Materials letters journal)