

List of publication

1. Alok Singh Verma, Devendra Kumar, Ashutosh Kumar Dubey, A review of an innovative concept to increase the toughness of the ceramics by piezoelectric secondary phases, *Ceramic International* (44) 16119-16127, 2018.
2. Alok Singh Verma, Devendra Kumar, Ashutosh Kumar Dubey, Dielectric and electrical response of hydroxyapatite – $\text{Na}_{0.5}\text{K}_{0.5}\text{NbO}_3$ bioceramic composite, *Ceramic International* (45) 3297-3305, 2019.
3. Alok Singh Verma, Angaraj Singh, Devendra Kumar, Ashutosh Kumar Dubey, Electro-mechanical and polarization induced antibacterial response of 45S5 Bioglass- $\text{Na}_{0.5}\text{K}_{0.5}\text{NbO}_3$ ceramic composites, *ACS biomaterial science and engineering* (Revision).
4. Alok Singh Verma, Devendra Kumar, Ashutosh Kumar Dubey, Antibacterial and cellular response of Piezoelectric $\text{Na}_{0.5}\text{K}_{0.5}\text{NbO}_3$ modified 1393 bioactive glass, *Material science and engineering C* (manuscript submitted).
5. Alok Singh Verma, Devendra Kumar, Ashutosh Kumar Dubey, Multifunctional properties of piezoelectric sodium potassium niobate (NKN) toughened hydroxyapatite based biocomposite, (to be submitted).