| **Publications 2021-2022** |
| --- |
| **International Journal** | **National Journal** | **International Conference** | **National Conference** |
| 6 | Nil | Nil | Nil |

**International Journal:**

1. The Electromagnetic Interference Shielding Effectiveness and Dielectric Response of PVDF-nTiO2Nanocomposites Thin Films, Santhoshkumar Dani, Prachalith Nagaleekara Channabasavanna, Sudheendra Kulkarni, Shambonahalli Rajanna Manohara , Khadke Udayakumar, Trends in sciences , Vol 19 (21), 3046, (2022).
2. Enhancement in energy loss of relativistic electrons in ferroelectric PVDF above phase transition, Arundhati H. Patil B,ibi Raza Khanam, Santhoshkumar Dani, Sudheendra S. Kulkarni, Sangshetty Kalyani, Udaykumar V. Khadke, Polymer Bulletin, (2022).
3. Ferroelectric domain switching using passage of energetic charged particles Arundhati H Patil, S S Kulkarni, Bibi Raza Khanam, U V Khadke, Vol 49, Pages 660-664, (2022).
4. Stopping power of TGS crystals for proton beam at ferro-paraelectric phase transition, [Arundhati H. Patil](https://aip.scitation.org/author/Patil%2C%2BArundhati%2BH),  [S. S. Kulkarni](https://aip.scitation.org/author/Kulkarni%2C%2BS%2BS), [Sangshetty Kalyani](https://aip.scitation.org/author/Kalyani%2C%2BSangshetty), [U. V. Khadke](https://aip.scitation.org/author/Khadke%2C%2BU%2BV), AIP Conference Proceedings 2352, 050036 (2021).
5. Stopping power of TGS crystals for proton beam at ferro-paraelectric phase transition, [Arundhati H. Patil](https://aip.scitation.org/author/Patil%2C%2BArundhati%2BH),  [Sudheendra. S. Kulkarni](https://aip.scitation.org/author/Kulkarni%2C%2BS%2BS), [Sangshetty Kalyani](https://aip.scitation.org/author/Kalyani%2C%2BSangshetty), [U. V. Khadke](https://aip.scitation.org/author/Khadke%2C%2BU%2BV), AIP Conference Proceedings 2352, 050036 (2021).
6. Dielectric Spectroscopy of Ferroelectric Crossbred PVDF-ZnO Polymer Composite Thin Films, Sudheendra Kulkarni, Arundhati H. Patil, Shridhar N. Mathad U.V. Khadke, Journal of Nano- Electronic Physics Vol. 13 No 4, 04014 (2021).