

### Major Research Grant (Total: 4)

| Sl. No | Project Title                                                                                                                                                                                  | Funding Agency                                                                                        | Budget Lakhs | Duration   | Start date & End Date (MM/YYYY) | Status    | Principal Investigator         | Summary of Result & Publication/ Patent |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------|------------|---------------------------------|-----------|--------------------------------|-----------------------------------------|
| 1      | Local structure studies from high energy X-ray diffraction and its correlation to understand the multiferroic behaviour in BiFeO <sub>3</sub> and Zr-Ca modified BaTiO <sub>3</sub> composites | UGC-DAE-CSR(CRS/2023-24/01/1021)                                                                      | ~15          | 2024-2027  | 03.06.2024-                     | Ongoing   | <b>Dr. Vijaylakshmi Dayal:</b> | Ongoing                                 |
| 2.     | Study of Strain Mediated Electrical Control over Magnetism in Ferromagnetic / Ferroelectric Heterostructure                                                                                    | SERB/EMR/2016/005424 SERB-DST, New Delhi ~34 lakhs                                                    | ~34          | 2017-2021  | 21.11.2017-31.01.2021           | Completed | <b>Dr. Vijaylakshmi Dayal:</b> | P-11<br>C-3<br>Pt-1(UP)                 |
| 3.     | Magnetic and Transport Studies in Ferromagnetic Metallic/Insulating Manganite Nanocomposite                                                                                                    | UGC-DAE-CSR Indore Centre, Collaborative Research Scheme (CRS) CSR-IC/CRS-89/2014-2015/596            | ~ 10         | 2014-2019, | 18.09.2014-30.06.2019           | Completed | <b>Dr. Vijaylakshmi Dayal:</b> | P-8<br>C-4                              |
| 4.     | Investigation of ferroelectric, ferromagnetic and magnetoelectric properties in some novel multiferroic Perovskites-oxide,                                                                     | "Young Scientist Research Award (YSRA)2011/20/37P/01/BRNS/0075 Dt. 13.04.2011, DAE, BRNS, BARC Mumbai | ~17          | 2011-2015  | 01.06.2011-31.03.2015           | Completed | <b>Dr. Vijaylakshmi Dayal:</b> | P-8<br>C-4                              |

### TRAVEL GRANTS (Total: 2)

1. **2023, Travel Grant, ITS SERB**, to present paper in InterMag 2023 (13-18 May 2023), Sendai, Japan: 2.5 Lakhs: **Dr. Vijaylakshmi Dayal**
2. **2012**, Travel Grant, AICTE, BRNS and DST (Young Scientist) for attending International Conference of Young Researchers on Advance Materials [ICYRAM] 2012; Singapore [Claimed from AICTE]: 1 Lakh. **Dr. Vijaylakshmi Dayal**