



St. Xavier's College

Dr. Camil Bulcke Path, Ranchi

Faculty Profile

Name of Faculty Member	:	Dr. Sanjay Kumar
Gender	:	Male
Email ID	:	skumarnl@gmail.com
Name of Department	:	Department of Physics
Designation	:	Associate Professor
Level of Teaching	:	Undergraduate
Academic Qualification	:	M.Sc., Ph.D.
Total Teaching Experience	:	39 Years and 03 Months
UGC NET/SET Qualified	:	Yes

Research Papers Published:

- 1) **"Transport Properties of Barium"**, Journal of Pure Applied and Industrial Physics, Vol. 5, Issue 7, Pg. 197-205, July 2015, ISSN: 0976-5727.
- 2) **"Study of Transport Properties of Mg at Low Temperature"**, Asian Material Science Letter 2 (2013), Pg. 33-38, April 2013, ISSN: 2319-2933.
- 3) **"Study of Electrical Resistivity of Beryllium"**, Journal of Pure Applied and Industrial Physics, Vol. 3, Issue 2, Pg. 88-92, April 2013, ISSN: 2229-7596.

Participation in UGC-HRDC Course/FDP/OC/RC:

- 1) Participated in One-day Workshop on **"e-Governance in Higher Education: Developing e-Learning and Delivery Mechanism"**, Jointly organized by Ranchi University and Department of Electronics, Information Technology (Diety) and National e-Governance Plan (NeGP), GoI, on December 14th, 2012.

- 2) Successfully Completed UGC sponsored Refresher Course in **Physics** (Trust Area Mathematical Physics) in Academic Staff College, Ranchi University, Ranchi from 10.03.2003 to 31.03.2003.
- 3) Successfully Completed UGC sponsored Refresher Course in **Physics** (Trust Area Quantum Mechanics) in Academic Staff College, Ranchi University, Ranchi from 20.11.1997 to 10.11.1997.
- 4) Successfully Completed Second Orientation Course conducted by Academic Staff College, Ranchi University, Ranchi from 03.05.1990 to 23.05.1990.

Seminar/Conference attended/Paper Presented (National/International):

- 1) Chairperson, First International Conference on "**Advances in Novel Materials: towards Sustainable Future**", organized by Department of Physics, St. Xavier's College, Ranchi, January 20th-22nd, 2024.
- 2) Oral Presentation of a Paper titled "**GIS: An effective weapon to combat HIV AIDS and an Indispensable tool in designing a Health Surveillance System in Indian Context**", in MAP ASIA 2007.
- 3) Asst. Co-Ordinator, **INFLIBNET Awareness Programme**, organized by UGC for the colleges of Bihar and Jharkhand on 24th June 2006.
- 4) Attended UGC Sponsored Seminar on the "**Role of Autonomous Colleges in Strengthening the Quality of Higher Education**" in SERO, Hyderabad held on 5th and 6th of August 2006.
- 5) Attended 8 weeks course, Module-1 of the MCA Teachers Reorientation Training Programme at BIT Mesra, Ranchi, sponsored by Department of Electronics, Govt. of India, from 1st May to 30th June 1988.
- 6) Attended 4 weeks UGC sponsored National Summer Institute on **Computational Physics** at Agra University from 4th May to 30th May 1987.

[Dr. Sanjay Kumar]