



Dr. Bira Kishor Raj

Designation: Retd. Faculty in Physics

Qualification: M.Sc (U.U) , PhD (U.U) ,NET

Date of Birth: 24.04.1961

Date of Joining: 02.07.2024 at RDWU

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ORCID: <https://orcid.org/0000-0003-0505-2881>

VIDWAN: <https://vidwan.inflibnet.ac.in/profile/324919>

WOS: [http://www.webofscience.com/wos/author/record/\[S-8885-2019\]](http://www.webofscience.com/wos/author/record/[S-8885-2019])

Area of Interest

High Temperature superconductor, condensed matter Physics.

Courses taught

condensed matter, quantum mechanics, mathematical physics

Career

Retd. Principal, Govt. College(Autonomous), Angul.

Asst. Professor (Retd. faculty): Rama Devi Women's University, Bhubaneswar

Teaching Experience

30 years

Research Experience

15 years

Administrative/Executive Experience:

Principal, Govt. College(Autonomous), Angul

HOD, Dept. of Physics and Dept. of Computer Science.

Awards & Honors

- Availed UGC teacher fellowship to conduct research.

Research Guidance: No

Research Grants: No

Publications: As given below

Patents:No

Journal publications:

International Journal with high impact factor.

1. Physical Review- C,65 (2002),054323, Citations-12, impact factor- 5
2. Physical Review-C, 66 (2002),044317, Citations-15, impact factor- 5
3. Physica-C 468 (2008) 2332, Citations-5, impact factor- 4
4. Physical-C 469 (2009) 721, Citations- 11,impact factor- 4
5. International Journal of Modern Physics-B 27 (2013) 1350059, Citations-6, impact factor- 3.
6. Physica-C 492 (2013) 68-74, Citations- 9, impact factor- 4
7. Solid State Communication 207 (2015) 35-39,Citations-15,impact factor- 4

National journal with low impact factor

1. PRAMANA, Vol. 61 No. 3,Sept. 2003, pp 517-527, impact factor- 1
2. Odisha Journal of Physics, ISSN0974-8202,Vol. 19, No.2,August- 2012, pp 215, impact factor- 0.1
3. Physics Express 2013,3:29, impact factor- 0.1

Book/book chapter Publications: No

Participation in Conferences & Seminars and workshop:

1. **School on Gravitation and Cosmology held from Oct' 26-31, 1998 at Cochin University, Kerala, India (National level).**
2. **Workshop on Nuclei at Extreme of Isospin and Mass held from March 10-22, 2003 at Toshali Sands, Puri, Odisha, India (International level).**
3. **Workshop on Gravitation and Cosmology attended in 2002 at IUCCA, Pune ,India (National level).**
4. **National Seminal organised by ISSRO attended in Toshali Sands, Puri, India in 1999 (National level).**
5. **UGC-DRS sponsored National Seminar on the "100 Years of General Theory of Relativity" from March 10-11, 2015 at U.U, Vani vihar, Bhubaneswar,India (State level).**

Other information(s):

1. **Refresher Course in Information and Communication Technology (ICT) at U.U from 15.12.2009 to 04.01.2010, 21 days, under UGC Scheme.**

- 2. Refresher Course in Understanding of the Universe at U.U from 04.03.2011 to 24.03.2011, 21 days under UGC Scheme.**
- 3. Refresher Course in Physical Sciences at U.U from 05.08.2014 to 25.08.2014, 21 days under UGC Scheme.**
- 4. Refresher Course in Physics from 09.06.2003 to 21.06.2003, 13 days at IOP under DAE program.**
- 5. Orientation course at U.U from 03.06.1994 to 30.06.1994, 28 days.**
- 6. National Seminar in recent advances in Physics and its applications at BJB (Aut.) college, 05.08.2014 to 25.08.2014, 21 days.**
- 7. Extra moral lectures given to students in different occasions.**
- 8. Popular lectures delivered in different colleges and schools.**