



Dr. Vijaykumar B

Curriculum vitae

Hands that help are holier than lips that pray

Personal

Year of birth **1990**.

Maritalstatus: Married

Communication

Mail **Work**.

Department of Physics S S K Basaveshwar Arts, Science, Commerce UG & PG College, Basavakalyan.

Qualifications

2025 Completed **Ph.D.**

2022 **KTET** Cleared conducted by Department of School Education.

2016 **KSET/NET** Cleared conducted by Mysore University Accredited by UGC, New Delhi University.

2015 **B.Ed.**, S.R.K B.Ed College Raichur.

2013 **M.Sc.**, *Jnana Ganga*, Gulbarga University, Kalaburagi.
Specialized in Materials Physics.

2011 **B.Sc.**, *Laxmi Venkatesh Desai College*, Raichur.

Academic Positions

2013-2014 As **Teacher**, in Karnataka Welfare Trust CBSC High school Raichur.

2014-2019 **Assistant Professor & HOD** in Department of Physics, Laxmi Venkatesh Desai College, Raichur for U.G and P.G.

2017-2019 **Guest Lecturer**, Department of Studies in Physics, *P.G Center Raichur*.

2014-2019 **Guest Lecturer**, *Department of Physics, Govt First Grade College, Raichur*.

Teaching Experience

Since being appointed in 2014, I have been teaching various subjects. The main topics are listed below:

Theory.

- Mechanics
- Nuclear Physics
- Quantum Mechanics
- Solid State Physics
- Electrodynamics
- Numerical Methods
- Thermal
- Physics
- Basic programming in C
- Astro Physics
- Medical Physics

Practicals.

- Optics
- Electronics
- Solid State Physics
- Computer Fundamentals—Linux.
- Astro Physics
- Mechanics
- Heat and Thermodynamics
- Nuclear Physics

Responsibilities held

2015-2019-Member of **Sports Committee** in L V D College, Raichur.

2014-2019-Member of **Science Forum** in L V D College, Raichur.

2016-2019-**Head** of Dept. of Physics in L V D College, Raichur.

Acted as **Judge** in Science Exhibitions.

Conducted **Workshop** on AstroPhysics in Duddupudi Women's College, Sindhunor.

2015-2019-Acted as an **External Practical Examiner**.

Acted as a **Presiding Officer** in Legislative Assembly Election.

As Centre Co ordinator for IAPT in L V D College Raichur.

As IQAC Cordinator in S S K Basaveshwar Arts, Science, Commerce UG & PG College, Basavakalyan.

As Internal Assessment & Examination committee Coordinator.

As Personal Counseling and Placement Cell committee Coordinator.

As Exhibition Committee Coordinator.

As Electoral Literacy Club Coordinator.

Interests

Playing Kho-Kho and Volley Ball.

Photography Like to photograph landscapes, heritage structures, and nature.

Other Like to tinker around stuff.

Member

Life Member of KRVP.

Life Member of IAPT.

Research Work/Other Programmes

Eight National/International Paper Publications in reputed journal like **scopus, web of science and Journal of Nanomaterial.**

Two **Books** Published.

One **Patent.**

Participated and Published in International, National, State level Seminars and Conferences.

Participated in many Workshops.

Completed the **AICTE-ISTE** approved **Orientation/Refresher** Programme on Recent trends in **Mechatronics** held during 06-05-2021 to 12-05-2021 Organised by **Kamala Institute of Technology** and science, Singapur, Telangana.

Completed the UGC Sponsored Faculty Induction Programme from Bangalore University obtained '**A**' Grade under UGC Malaviya Mission Teacher Training Center (MMTTC) Jnana Bharathi, Bangaluru-560056.

Completed Computer Literacy Course (CLC) secured '**A**' Grade from KEONICS.

As a **Resource Person** Delivered Guest talk on **Quantum Physics** in Laxmi Venkatesh Desai College, Raichur on 11-11-2025.

As a **Resource Person** Delivered Guest talk on **Momentum and Energy** in Govt. First Grade College, Raichur on 12-11-2025.

Participated in **National Level Faculty Development Programme** on "Innovative Research: A Methodological Perspective" organized by IQAC, Science College, Nanded on 18th Feb 2026.

Project Guidance

- Liquid Crystal
- Astro Physics
- Radioisotopes

Computer skills

OS GNU/Linux, Windows.

Web HTML, Python.

Databases Mysql, SQLite.

Languages

Kannada Speak fluently, read and Write.

English Speak fluently, read and Write.

Hindi Fluent in reading and writing; can speak and understand at basic level.

Dr. Vijaykumar B
HoD & Asst. Prof.
Dept. of Physics