

# CURRICULUM VITAE

Name: Mr. SIDDALINGESHWARA B.P

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## Career Objective

Highly passionate in pursuing knowledge in pure science and also interested in transferring the knowledge gained in the field of research interests as I intend to contribute more science to the future aspirants in science. Given an opportunity to perform, I will do the best of my ability and serve my best for the society

## Key Strength

- Passionate learner and adaptive to support the organization
- Self-motivated, Confident, Creative and Hardworking

## Experience:

- Currently working as Guest faculty in the Department of Physics, Dayanand Sagar Arts, Science and Commerce College, Shavige Malleshwara Hills, Kumaraswamy layout, Bangalore. **(October 2022 to till date)**
- Prior Teaching Experience Department of Post Graduate Studies and Research in Physics at The National College, Jayanagar 7<sup>th</sup> Block, Bengaluru-70 **(October 2014 - February 2021)**

## Designation: Assistant professor

- **Teaching:** Handled P.G (M.Sc) Classes for all the semester. (Quantum mechanics, Electronics, Classical Mechanics, Mathematical methods and Numerical methods of physics, Electrodynamics, Statistical mechanics, Condensed matter physics, Materials Science, Physics of Nanomaterials, Astrophysics, Thermodynamics).
- **Teaching:** Handled U.G (B.Sc) Classes for all the Semester.
- **Teaching:** Handled JEE and CET classes for PUC Students.
- Follow me on slide share (CBSC Online class link): <https://www.slideshare.net/SidduLingesh>
- **Research and Project experience:** Designed few student projects in the course of five years for final year M.Sc. Students
  - Comparative study on Fibre Base Natural composite materials.
  - Induced Polystyrene on Mangifera Indica by removal of Natural polymer.
  - Structural and Morphological studies on Nickel oxide Nanoparticles.
  - Study on Millettia Pinnata seed oil and Helianthus annuus seed oil for Bio Diesel application.

## **Education Qualification**

**Ph.D. (Pursing)** – (2019- Till date)

Presidency University  
Itglapur, Rajanakunte, Yelahanka, Bengaluru-560064

**M.Sc. (Physics)**

Specialization: Materials Science.  
The National Degree College, Jayanagar, Bengaluru -70  
(Bangalore University)

**B.Ed.**

Sri Raghavendra college of Education  
Chimani hills, Chikkabanavara, Bengaluru.  
(Bangalore University)

**B.Sc. (PME)**

Basaveshawara First Grade College  
(Bangalore University)

**PUC**

JCBM PU College Sringeri.  
(Department of Pre-university education)

**SSLC**

Sri Adichunchungeri School, Shimoga.  
(Karnataka Secondary Education Board)

## **Additional Qualification**

- **Hardware Networking** and **MCP** course completed at IIHT Vijayanagar, Bangalore.
- 1 Year work experience as a Support Engineer
- Judged, Lecture Contest held by Bangalore Science Forum at The National College, Basavanagudi, Bangalore-04
- Out Reach Activity: Trained Podar International School students on synthesis of Bio-Fuels.

### **Member - Board of Studies**

- Department of Post Graduate Studies & Research in Physics, The National College, Jayanagar, Bangalore

### **Member- Board of Examiners**

- Department of Post Graduate Studies & Research in Physics, The National College, Jayanagar, Bangalore-70
- External Examiner for Practical Examinations, Department of Physics (U.G.), The National College, Jayanagar, Bangalore-70
- External Examiner, Indian Academy Degree College, Bangalore

### **Paper Presented/Published in Conferences**

- Siddalingeshwara B.P. “*Physical and Optical Properties of Lithium Strontium Borate Glasses Doped with Antimony Oxide*”, in the 9<sup>th</sup> National Student Symposium on Physics (NSSP -2022), organized by Department of P.G. Studies & Research in Physics, The National College, Jayanagar, Bangalore-70 in association with Indian Association of Physics Teachers during December 21 to 23, 2022.
- Siddalingeshwara B.P. “*Physical and Optical Properties of Lithium Zinc Borate Glasses Doped with Tin Oxide*”, in the second International Conference on “**Advancements in Materials Science and Technology – iCAM 2022**”, organized by Sathyabama Institute of Science and Technology, Chennai, India in association with Alexander Dubček University of Trenčín, Slovakia, during November 02–04, 2022.
- Induced polystyrene effect on removal of natural polymer in Mangifera Indica in IJMR journals ISSN 2394-5710.
- The Significance of glass loaded with lead in effective shielding of high energy gamma rays.
- Microstructural studies on composite materials Please refer the NCHEP 2015 documents for the inputs.

### **Conferences/Workshops**

- RUSA 2.0 Sponsored National Workshop on “LASER and Z-Scan Experiments (LAZE-2022)” held at Nanophotonic Laboratory, Department of Physics, Bharathidasan University, Trichirapalli-620024, during 26-27 Aug 22.
- International Conference on Solution Grown Crystals and Their Useful Applications (SGCA-2021) Organized by SSN Research Centre, SSN Institutions (Autonomous) Chennai-603110,

Tamil Nadu, India in association with Indian Association for Crystal Growth (IACG) During 13-15 September 2021.

- International webinar on green technology: Role of chemistry and catalysis for the advancement of sustainable society, held on the 24<sup>th</sup> of May 21, by Reva University, Bangalore.
- One week faculty Development program on “Functional Materials for Engineering Applications” Sponsored by the center of excellence in Advanced materials research-TEQIP-III, conducted from 15.02.21 to 19.02.21 at BMS college of Engineering, Bangalore in association with MJP Rohikhand University, Bareilly.
- One day national webinar on “Innovation aspects for material science & Engineering with reference to intellectual property rights” on 17<sup>th</sup> Feb 21 organized by the Department of Science and humanities, University college of Engineering, Rajamahendravaram.
  - Three-day virtual national workshop on Advanced Materials for Energy and Environment Applications during 21st to 23rd December 2020 Organized by Department of Materials Science and Nanotechnology YOGI VEMENA UNIVERSITY, KADAPA
- U.G.C. sponsored Workshop on Scientific Data Analysis using Mathematical & Origin Pro, on 2<sup>nd</sup> January 2020 been part of organizing committee.
- Attended One week Workshop on ICT Enabled Physics Experiment's & Training on Thin Film Solar Cells organized by R .V. College of Engineering during 22<sup>nd</sup> to 27<sup>th</sup> October 2018.
- U.G.C. Sponsored Two days National Conference on Condensed Matter & Space Sciences on 3<sup>rd</sup> & 4<sup>th</sup> July 2017 been part of organizing committee.
- U.G.C. Sponsored Three days National Conference on High Energy Physics on 30<sup>th</sup> June, 1<sup>st</sup> and 2<sup>nd</sup> July 2015 been part of organizing committee.
- Attended U.G.C. Sponsored State level Workshop on Emerging Trends in Materials Science on 23<sup>rd</sup> September 2014.

### **IQAC SEMINARS/WORKSHOPS**

- UGC Sponsored Seminar on IPR spurring innovation and Creativity organized by The National College Jayanagar.
- IPR FOR SPURRING INNOVATION & CRETIVITY, organized by The National College, Basavanagudi on 13<sup>th</sup> September 2019.

- One Day state level awareness workshop on “Revised Accreditation framework of NAAC” on 17<sup>th</sup> March 2018, organized by The National College, Basavangudi on 17<sup>th</sup> March 2018.
- One day faculty development programme on “Leadership Skills in Higher Education”, organized by The National College Jayanagar, on 27<sup>th</sup> March 2017.

### **Personal Information**

**Name** : Siddalingeshwara B.P

**Father’s Name** : Parameshwarappa D.M

**Mother’s Name** : Bhagya B.S

**Date of Birth** : 14-11-1989

**Gender** : Male

**Nationality** : Indian

**Marital Status** : Married

**Languages known:** English, Kannada, Hindi.

**Permanent address:** Parameshwarappa DM

Bukkambudhi Main Road,

Ajjampura(Tq), Chickkamangluru(Dist)

Temporary address: #41, “Sujala”, 4<sup>th</sup> Cross, New bank colony

Konanakunte, Bangalore-62

### **DECLARATION**

I hereby declare that the information furnished above is true and accurate to the best of my knowledge.

**Date: 13-09-2023**

**Place: Bengaluru**

**Siddalingeshwara B.P**

### **References:**

**Dr. Abhiram J**

Assistant professor

Department of Physics

Indian academy degree college

Bengalore

Phone-9036601212

**Dr. Sivasankara Reddy**

Assistant professor

Department of physics

Presidency University

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Phone-9110211281

