# ACADEMIC CURRICULUM VITAE

**Ms. CHETNA S. BHAGOJI**

**Assistant Professor | Academic Administrator | Researcher | Educational Leader**

**Department of Chemistry**
Maratha Mandal's Engineering College
Belagavi – 590006, Karnataka, India

**Mobile:** +91 7618720555

**Email:** chetna.anushka@gmail.com, chetna_bhagoji2000@yahoo.com

**Total Teaching Experience**: More than 8 Years

## Areas of Teaching

- Engineering Chemistry
- Organic Chemistry
- Biology for Engineers
- Environmental Science
- Communicative English
- Industrial Chemistry
- Spectroscopy
- Green Chemistry

## Research Areas

- Organic Chemistry
- Medicinal Chemistry
- Pharmaceutical Chemistry
- Natural Products Chemistry
- Molecular Docking & Drug Design
- Green Chemistry
- Spectral Characterization
- Analytical Chemistry

## Academic Administration

- Vice Principal
- Internal Assessment Coordinator
- Induction Programme Coordinator
- Cultural Coordinator
- Organizing Coordinator
- Workshop Coordinator
- Academic Event Coordinator

## University Responsibilities

- Visvesvaraya Technological University Valuator
- Rani Channamma University Valuator

## 2. CAREER OBJECTIVE

To contribute meaningfully to higher education through excellence in teaching, research, academic administration, and institutional development while fostering innovation, ethical values, interdisciplinary learning, and student-centered education.

I aspire to serve as an academic leader who promotes quality education, research excellence, Outcome-Based Education (OBE), and continuous institutional improvement in alignment with UGC, AICTE, and NAAC quality frameworks.

## 3. PROFESSIONAL SUMMARY

Dynamic and accomplished academic professional with over eight years of experience spanning engineering education, science education, school administration, research, and institutional leadership.

Currently serving as Assistant Professor in the Department of Chemistry at Maratha Mandal's Engineering College, Belagavi, with additional leadership experience as Vice Principal of Maratha Mandal's Shri Siddhivinayak International Day & Residential School.

Demonstrated expertise in curriculum planning, interdisciplinary teaching, academic administration, examination management, student mentoring, faculty coordination, institutional governance, and academic event management.

Recognized as an active researcher and innovator with five patent filings, including two granted design patents, peer-reviewed journal publications, Springer book chapters, editorial contributions, and undergraduate research guidance.

Experienced University Valuator for Visvesvaraya Technological University (VTU) and Rani Channamma University (RCU), ensuring academic integrity, quality assessment, and adherence to university evaluation standards.

Committed to advancing institutional excellence through quality assurance, Outcome-Based Education, accreditation support, industry collaboration, research, innovation, and lifelong learning.

## 4. CAREER SNAPSHOT

- More than 8 years of teaching experience in Higher Education.
- Assistant Professor in an Engineering College.
- Former Vice Principal of a CBSE International School.
- University Valuator for VTU and Rani Channamma University.
- Five Patent Applications with Two Granted Design Patents.

- Published Research Paper in an International Journal.
- Springer Book Chapter Author.
- Contributor to multidisciplinary academic books.
- CBSE Resource Person.
- Academic Coordinator and Institutional Administrator.
- Organized major academic, research, technical, and cultural events.
- Guided undergraduate research in forensic and analytical chemistry.
- Delivered interdisciplinary courses across Engineering Chemistry, Biology for Engineers, Environmental Science, and Communicative English.

## 5. CORE COMPETENCIES

### Academic Leadership

- Academic Administration
- Institutional Governance
- Faculty Coordination
- Student Mentoring
- Academic Planning
- Curriculum Development
- Examination Management
- Educational Leadership

### Teaching & Learning

- Outcome-Based Education (OBE)
- Active Learning Strategies
- Student-Centered Teaching
- Laboratory Instruction
- Research-Based Learning
- Assessment & Evaluation

### Research & Innovation

- Organic Chemistry
- Medicinal Chemistry
- Molecular Docking
- Drug Design
- Patent Development
- Scientific Writing
- Research Methodology
- Spectral Analysis

### Quality Assurance

- NAAC Support
- IQAC Activities
- Academic Documentation
- Continuous Improvement
- Institutional Quality Enhancement
- Accreditation Support

**Professional Skills**

- Public Speaking
- Technical Writing
- Communication Skills
- Team Leadership
- Event Management
- Stakeholder Engagement
- Problem Solving
- Time Management

## 6. EDUCATIONAL QUALIFICATIONS

**a) Post Graduate Diploma in School Leadership and Management (PGDSLM)**
**Institution**
Indira Gandhi National Open University (IGNOU)
**Status**
Pursuing

**b) Master of Science (Organic Chemistry)**
**Institution**
SKE's Govindram Seksaria Science Degree College
**University**
Rani Channamma University
**Year of Passing**
2017
**Specialization**
Organic Chemistry
**Master's Dissertation**
*Synthesis and Characterization of 2-amino-4,5-dihydronaphtho[1.2-b]furan-3-carbonitrile*

**Practical Expertise**

- Multistep Organic Synthesis
- Natural Product Extraction
- Binary and Ternary Organic Analysis
- Inorganic Salt Analysis
- Instrumental Analysis

**Instrumentation Experience**

- Conductometer
- pH Meter
- Colorimeter
- Potentiometer
- Refractometer
- Solvent Extraction

**c) Bachelor of Science**
**Institution**
SKE's Govindram Seksaria Science Degree College
**University**
Rani Channamma University
**Year of Passing**
2015
**Subjects**
Chemistry, Botany, Zoology
**Academic Projects**

- Chemistry of Polymers
- Project Tiger
- Peculiar Birds of Malwan

**Achievement** : Best Student of the Year (2014–15)

## 7. PROFESSIONAL EXPERIENCE

**Assistant Professor**
Department of Chemistry
Maratha Mandal's Engineering College, Belagavi

**Duration**
December 2022 – Present

**Key Responsibilities**

- Deliver undergraduate courses in Engineering Chemistry, Biology for Engineers, Environmental Science, and Communicative English.
- Design lesson plans aligned with Outcome-Based Education and university curriculum requirements.
- Mentor undergraduate students in academic, research, and professional development activities.
- Coordinate Internal Assessments, induction programmes, and departmental academic activities.
- Co-guide undergraduate research in forensic and analytical chemistry.
- Organize academic, technical, and industry interaction programmes.
- Participate in institutional quality initiatives supporting NAAC accreditation and academic excellence.
- Contribute to curriculum implementation, continuous assessment, and student performance enhancement.

**Vice Principal (Deputation Assignment)**

Maratha Mandal's Shri Siddhivinayak International Day & Residential School
Belagavi

**Duration**
2025 – 2026

**Major Responsibilities**

- Assisted in institutional governance and academic administration.
- Coordinated faculty supervision, student welfare, and academic operations.
- Supported implementation of CBSE guidelines and quality improvement initiatives.
- Strengthened communication among management, faculty, students, and parents.
- Contributed to policy implementation and institutional development.

**Lecturer**

Department of Chemistry
SKE's Govindram Seksaria Science Degree College
Belagavi

**Duration**

June 2017 – November 2022

**Key Responsibilities**

- Delivered undergraduate courses in Organic Chemistry, Organometallic Chemistry, Green Chemistry, Spectroscopy, Chemical Kinetics, Industrial Chemistry, and Fuel Chemistry.
- Conducted laboratory sessions in volumetric analysis, gravimetric analysis, organic synthesis, and instrumental chemistry.
- Facilitated vocational education programmes in Foundry Technology.
- Guided students in laboratory practice, academic projects, and research-oriented learning.
- Contributed to departmental academic activities, student mentoring, and quality teaching practices.

## 8. ACADEMIC ADMINISTRATIVE LEADERSHIP

Throughout my academic career, I have actively undertaken leadership and administrative responsibilities that have contributed to institutional development, quality assurance, student engagement, and academic excellence.

**Administrative Positions Held**

| Position | Institution | Academic Year |
|---|---|---|
| Vice Principal (Deputation) | Maratha Mandal's Shri Siddhivinayak International Day & Residential School | 2025–2026 |
| Assistant Professor | Maratha Mandal's Engineering College | 2022 – Present |
| Lecturer | SKE's Govindram Seksaria Science Degree College | 2017 – 2022 |

**Academic Administrative Responsibilities**

**Internal Assessment (IA) Coordinator**

- Planned and coordinated Internal Assessment schedules.
- Ensured transparent and timely conduct of examinations.
- Maintained assessment records in accordance with university regulations.
- Coordinated faculty for smooth assessment execution.

**Induction Programme Coordinator**

- Planned and executed student induction programmes.
- Organized orientation sessions on academics, ethics, institutional values, and professional development.
- Facilitated interaction between faculty, students, alumni, and industry experts.

**Cultural Coordinator**

- Planned and managed institutional cultural activities.
- Coordinated student participation in intercollegiate competitions.
- Promoted leadership, teamwork, and holistic student development.

**Organizing Coordinator**

**Academia Industry Conclave – 2025**

- Successfully coordinated the institutional Academia Industry Conclave.
- Facilitated collaboration between academia and industry professionals.
- Coordinated invited speakers, technical sessions, and student interactions.
- Strengthened industry engagement and employability initiatives.

**Organizing Coordinator**

**OJAS Techno-Cultural Fest – 2023**

- Planned and executed the annual institutional techno-cultural festival.
- Coordinated multidisciplinary committees and student volunteers.
- Enhanced institutional visibility through successful event execution.

**Workshop Coordinator**

**Drone Technology Workshop (2024)**

- Coordinated hands-on technical workshop introducing students to emerging drone technologies.
- Facilitated industry interaction and experiential learning.

**Molecular Docking & Drug Design Workshop (2022)**

- Organized specialized workshop on computational chemistry and molecular docking.
- Promoted research orientation among undergraduate students.

**Master of Ceremonies (MOC)**

Served as Master of Ceremonies for numerous institutional programmes including:

- Academic Conferences
- Faculty Development Programmes
- Student Orientation Programmes
- Technical Workshops
- Cultural Events
- National Celebrations
- Guest Lectures
- Industry Interaction Programmes

**9. TEACHING PORTFOLIO**

**Teaching Philosophy**

My teaching philosophy is founded on creating an engaging, inclusive, and research-oriented learning environment where students are encouraged to develop analytical thinking, scientific curiosity, ethical values, and lifelong learning habits.

I believe effective teaching extends beyond classroom instruction and should integrate practical applications, interdisciplinary learning, innovative pedagogy, digital technologies, industry interaction, and research exposure to prepare students for professional excellence.

**Teaching Methodologies**

- Outcome-Based Education (OBE)
- Interactive Classroom Teaching
- Activity-Based Learning
- Problem-Based Learning
- Case Study Method
- ICT Enabled Teaching
- Laboratory Demonstrations
- Project-Based Learning
- Collaborative Learning
- Student Seminars
- Quiz-Based Learning
- Flipped Classroom Techniques

**Student Mentoring**

- Academic Mentorship
- Career Guidance
- Research Mentoring
- Personality Development
- Communication Skill Development
- Competitive Examination Guidance
- Placement Readiness Support

**Laboratory Teaching Experience**

Experienced in conducting practical sessions in:

- Organic Synthesis
- Volumetric Analysis
- Gravimetric Analysis
- Instrumental Chemistry
- Physical Chemistry Experiments
- Analytical Chemistry
- Engineering Chemistry Laboratory

**Academic Contributions**

- Preparation of Lesson Plans
- Course File Documentation
- Laboratory Manuals
- Question Bank Preparation
- Assignment Design
- Continuous Internal Evaluation
- Outcome Assessment
- Course Outcome (CO) Attainment
- Student Progress Monitoring

## 10. SUBJECTS TAUGHT

### Engineering Education

- Engineering Chemistry
- Biology for Engineers
- Environmental Science
- Communicative English

### Undergraduate Science Education

- Organic Chemistry
- Organometallic Chemistry
- Green Chemistry
- Industrial Chemistry
- Chemical Kinetics
- Spectroscopy
- Fuel Chemistry
- Chemistry of Cosmetics
- Organometallic Reactions
- Physical Chemistry
- Analytical Chemistry

### Laboratory Courses

- Engineering Chemistry Laboratory
- Organic Chemistry Practical
- Inorganic Chemistry Practical
- Physical Chemistry Practical
- Instrumental Analysis Laboratory

### Vocational Education

- Foundry Technology
- Industrial Skill Development

## 11. UNIVERSITY EXAMINATION RESPONSIBILITIES

### a) University Valuator

**Visvesvaraya Technological University (VTU)**
Appointed as University Valuator for undergraduate engineering examinations.
Major responsibilities included:

- Evaluation of answer scripts.
- Maintaining confidentiality of examination processes.
- Ensuring fair and unbiased assessment.
- Adhering to university evaluation guidelines.
- Maintaining academic integrity.

### b) University Valuator

**Rani Channamma University (RCU)**
Served as University Valuator through SKE's Govindram Seksaria Science Degree College.
Responsibilities included:

- Undergraduate theory paper evaluation.

- Quality assurance in assessment.
- Standardized marking practices.
- Timely completion of valuation assignments.
- Compliance with university regulations.

**Examination Experience**

- Internal Assessment Planning
- Question Paper Preparation
- Evaluation & Moderation
- Laboratory Assessment
- Viva-Voce Examination
- Continuous Internal Evaluation
- Student Performance Analysis
- Academic Documentation

**12. RESEARCH INTERESTS**

My research focuses on interdisciplinary applications of chemistry, sustainable technologies, computational chemistry, and innovative teaching practices.

**Major Research Areas**

- Organic Chemistry
- Medicinal Chemistry
- Pharmaceutical Chemistry
- Natural Products Chemistry
- Molecular Docking
- Drug Design
- Green Chemistry
- Spectral Characterization
- Analytical Chemistry
- Forensic Chemistry
- Material Chemistry
- Computational Chemistry

**Emerging Areas of Interest**

- Artificial Intelligence in Chemical Research
- Drug Discovery
- Sustainable Materials
- Environmental Chemistry
- Nanomaterials
- Computational Drug Screening
- Bioinformatics Applications
- Intellectual Property & Innovation

## 13. PATENTS & INTELLECTUAL PROPERTY

Innovation and applied research form an integral part of my academic career. My work demonstrates a commitment to translating scientific ideas into practical solutions through intellectual property development.

### Granted Design Patents

**Eye Shaped Surveillance System**
**Design Number**: 462384-001
**Status:** Granted

Description:
Developed an innovative surveillance system design intended to improve monitoring efficiency through enhanced structural configuration and practical usability.

**Fan Blade Cleaning Device**
**Design Number:** 494200-001
**Status:** Granted

Description:
Designed an innovative cleaning device aimed at improving safety, convenience, and efficiency during maintenance of ceiling fans.

### Patent Portfolio

- Total Patent Applications Filed: **5**
- Granted Design Patents: **2**
- Areas of Innovation:
    - Engineering Design
    - Smart Surveillance
    - Sustainable Devices
    - Product Innovation
    - Applied Technology

### Research and Innovation Philosophy

My research philosophy emphasizes interdisciplinary collaboration, innovation-driven education, sustainable technological development, and translation of academic research into practical societal applications. Through research, patents, publications, and student mentoring, I strive to foster a culture of creativity, scientific inquiry, entrepreneurship, and lifelong learning.

## 14. RESEARCH PUBLICATIONS

### Research Profile

My research interests span Organic Chemistry, Medicinal Chemistry, Pharmaceutical Chemistry, Molecular Docking, Green Chemistry, Analytical Chemistry, and interdisciplinary applications of science and engineering. My scholarly work emphasizes sustainable technologies, innovation, computational chemistry, and multidisciplinary collaboration.

### Summary of Research Output

| Category | Details |
|---|---|
| Peer-Reviewed Journal Publications | 1+ |
| Springer Book Chapters | 1 |
| National/International Book Chapters | Multiple |
| Editorial Contributions | 2 |
| Patent Applications Filed | 5 |
| Granted Design Patents | 2 |
| Undergraduate Research Projects Guided | 1 |

### Peer-Reviewed Journal Publications

1. **Performance Study of Grid-Connected Doubly-Fed Induction Generator Controlled by an Optimal Controller under Unbalanced Condition**
**Journal:** Journal of Harbin Engineering University
**Volume:** 44
**Issue:** 11
**Year:** 2023
**ISSN:** 1006-7043

**Contribution:**
Contributed to an interdisciplinary research study integrating engineering applications with scientific analysis, highlighting optimization techniques for power system performance.

## 15. BOOK CHAPTERS

**International Publication**

**Springer Nature Publication (2024)**
**Chapter Title**
Role of Product Lifecycle Management and Bill of Materials in Fashion Industry
**Book**
Illustrating Digital Innovations Towards Intelligent Fashion
**Publisher**
Springer Nature

**Contribution**

Presented the significance of digital product lifecycle management and intelligent manufacturing systems, demonstrating interdisciplinary applications of science, engineering, and technology.

**National Book Chapters**

**Sustainable Construction Material (2024)**

**Chapter**

Recycling Glass and Steel: Paving the Road to a Sustainable Future

**Contribution**

Discussed sustainable construction practices through recycling technologies, emphasizing circular economy principles and environmentally responsible engineering.

**Emerging Women: Today's Transformative Journey**

**Book Chapters**

- Pushing Past Boundaries
- Breaking Barriers: Innovative Approaches for Women's Economic Empowerment

**Contribution**

Explored women's leadership, entrepreneurship, economic empowerment, and inclusive development from social and educational perspectives.

**Political Party and Women in Politics**

**Book Chapters**

- Political Parties and Women's Representation
- Ideological Perspectives in Indian Politics
- Women's Participation in Democratic Governance

**Contribution**

Examined women's political participation, leadership, and policy engagement within the Indian democratic framework.

## 16. EDITORIAL CONTRIBUTIONS

Served as Editorial Contributor for multidisciplinary academic publications.

**Editorial Works**

**Problems of Indian Society**

- Social Perspectives
- Economic Perspectives
- Environmental Perspectives

**Laws and Society Today**

- Crime Against Women in India

**Editorial Experience**

- Manuscript Review
- Academic Editing
- Content Development
- Scholarly Writing
- Interdisciplinary Publication Support

## 17. RESEARCH PROJECT GUIDANCE

**Undergraduate Research Guidance**

**Project Title: Forensic Analysis of Adulterated Petroleum Samples Using ATR-FTIR in Rural Areas of Mysuru**

**Academic Year** 2024–2025

**Role**: Co-Guide

**Objectives**

- Identification of petroleum adulteration.
- Application of ATR-FTIR spectroscopy.
- Analytical interpretation of spectral data.
- Promotion of research-based learning.

**Student Learning Outcomes**

- Laboratory analytical skills.
- Instrumentation exposure.
- Scientific report writing.
- Research methodology.
- Data interpretation.

## 18. CONFERENCE PRESENTATIONS

Presented research papers in national and international conferences focusing on Organic Chemistry, Medicinal Chemistry, Green Chemistry, Drug Discovery, Biodiversity, and Sustainable Development.

a) **Selected Conference Presentations**

**Accelerating Innovations in Material Science (AIMS-2020)**
**Paper**
Unsymmetrical Thioureas and Their Derivative Synthesis

**Intellectual Property Rights, Patents and Research Drafting**
**Paper**: Catalytic Approach on Resorcinol Derivative Synthesis

**National Conference on Recent Trends in Chemistry**
**Paper**: Synthesis of Resorcinol Derivatives

**International Conference on Drug Discovery, Development and Applications (ICDDDA-2020)**

**Paper**: Synthesis of Fructose Derivatives
**Achievement**: First Prize – Best Paper Presentation

**National Conference on Green Chemistry**
**Paper**: Synthesis of Cinchophen Derivatives

**National Seminar on Multi-Utility Plants for Afforestation**
**Presentation**: Roof Top Gardening and Agnihotra

**National Conference on Biodiversity Conservation**
**Presentation**: Biodiversity of Birds

## 19. RESEARCH PRESENTATION THEMES

Research presentations delivered in the following domains:

- Organic Synthesis
- Green Chemistry
- Medicinal Chemistry
- Sustainable Technologies
- Analytical Chemistry
- Drug Discovery
- Biodiversity Conservation
- Environmental Sustainability
- Intellectual Property Rights
- Research Methodology

## 20. SCHOLARLY CONTRIBUTIONS

In addition to research publications, actively contributed to scholarly dissemination through academic writing, interdisciplinary publications, technical editing, conference presentations, and institutional knowledge-sharing initiatives.

**Areas of Scholarly Contribution**

- Scientific Research Writing
- Academic Book Chapters
- Editorial Contributions
- Patent Development
- Research Mentoring
- Interdisciplinary Publications
- Academic Conference Presentations
- Scientific Communication
- Innovation and Intellectual Property

## 21. RESEARCH PHILOSOPHY

I believe that meaningful research should bridge scientific discovery with societal needs through innovation, sustainability, interdisciplinary collaboration, and ethical practice. My work integrates chemistry with engineering, environmental science, education, and technology to create practical solutions while fostering research aptitude among students.

As an educator, I encourage inquiry-based learning, critical thinking, and student participation in research, with the objective of developing graduates who are scientifically competent, professionally responsible, and committed to lifelong learning.

## 22. CONFERENCES, SEMINARS, WORKSHOPS & WEBINARS ATTENDED

Continuous professional development has remained an integral part of my academic career. I have actively participated in Faculty Development Programmes (FDPs), international and national conferences, workshops, seminars, and webinars to enhance teaching effectiveness, research capabilities, and institutional leadership.

### A. International & National Conferences Attended

- International Conference on Drug Discovery, Development and Applications (ICDDDA–2020)
- Accelerating Innovations in Material Science (AIMS–2020)
- National Conference on Recent Trends in Chemistry
- National Conference on Green Chemistry
- National Conference on Biodiversity Conservation
- National Seminar on Multi-Utility Plants for Afforestation
- National Conference on Intellectual Property Rights, Patents & Research Drafting

### B. Faculty Development Programmes (FDPs)

Participated in Faculty Development Programmes covering:

- Outcome-Based Education (OBE)
- NBA & NAAC Accreditation Practices
- Research Methodology
- Intellectual Property Rights
- Artificial Intelligence in Education
- Innovative Teaching Pedagogies
- ICT Enabled Teaching
- Curriculum Development
- Assessment & Evaluation
- Student-Centric Learning Approaches

### C. Workshops Attended

- Structure-Based Drug Design
- Molecular Docking
- Artificial Intelligence in Research
- Scientific Writing
- Patent Drafting
- Research Proposal Writing
- Chemistry Instrumentation
- Green Chemistry
- Advanced Spectroscopy
- Academic Leadership

**D. Webinars Attended**

Participated in webinars on:

- Drug Discovery
- COVID-19 Research
- Higher Education
- Research Ethics
- Digital Learning
- Green Chemistry
- Material Science
- Nanotechnology
- Climate Change
- Intellectual Property Rights
- Outcome-Based Education
- Scientific Publishing

## 23. ACADEMIC OUTREACH, EXTENSION & PROFESSIONAL SERVICE

**Resource Person**

Invited Resource Person under the **CBSE Skills Development Programme** for academic sessions focused on student development, communication skills, and educational excellence.

**Training Programmes Conducted**

Delivered training programmes in:

- Spoken English
- Personality Development
- Communication Skills
- Interview Skills
- Leadership Development
- Professional Etiquette
- Employability Skills

**Competitive Examination Coaching**

Served as trainer for:

- National Defence Academy (NDA)
- Combined Defence Services (CDS)

Focused areas included:

- English Language
- Communication Skills
- Personality Development
- Interview Preparation

**Academic Expert Assignments**

Invited as:

- Debate Judge
- Science Exhibition Evaluator
- Project Judge
- Dance Competition Judge
- Painting Competition Judge
- Talent Hunt Evaluator

**Student Development Activities**

Actively contributed towards:

- Student Mentoring
- Career Guidance
- Research Orientation
- Leadership Development
- Entrepreneurship Awareness
- Industry Interaction
- Soft Skills Development

**24. LITERARY CONTRIBUTIONS**

Alongside my academic career, I have actively contributed to literature through books, poetry anthologies, essays, and creative publications.

**Authored Books**

- **Innovapreneurship: Spark Curiosity, Fuel Creativity for Young Minds**
- **The Sacred Art of Laughter**

**Literary Anthology Contributions**

Contributed to numerous national and international anthologies, including works such as:

- My Father's Soul
- If Trees Could Speak
- The Prisoners of Thoughts
- A Love Letter to the Light That Never Leaves
- Awakening Voices That Never Fade
- Letters I Never Sent
- Resonance at First Light
- Ravana Speaks on Diwali Night
- The Echo Beneath My Pillow
- The Impact of Social Media on Society

These publications reflect my interest in literature, education, philosophy, social issues, and human values.

## 25. AWARDS & RECOGNITIONS

### Professional Awards

- Bharat Ratna Kavi Award (2025)
- Global Blooming Talent Award
- First Prize – International Conference on Drug Discovery, Development and Applications (ICDDDA–2020)

### Academic Awards

- Best Student of the Year
    - SKE's Govindram Seksaria Science Degree College
- Best Student of the Year
    - St. Joseph's Convent High School

### Research Recognition

- Recognition for Patent Development
- Appreciation for Academic Leadership
- Appreciation for Conference Presentations
- Recognition for Research Contributions

## 26. PROFESSIONAL CERTIFICATIONS

### Research & Technical Certifications

- Advanced NMR Spectroscopy
    - Homi Bhabha National Institute
- Coordination Chemistry
    - IIT Kharagpur (NPTEL)
- Enhancing Soft Skills and Personality
    - IIT Kanpur (NPTEL Elite Silver)
- Research Methodology & AI Applications
    - Euxodia Research University, USA

**Professional Development Certifications**

- Professional Voice
    - University of London
- Green Revolution: Action Against Climate Change
    - Supported by UNFCCC & UNEP

**Continuous Professional Development**

Successfully completed numerous certification programmes related to:

- Research Methodology
- Academic Leadership
- Teaching Excellence
- Artificial Intelligence
- Intellectual Property Rights
- Scientific Writing
- Outcome-Based Education
- Digital Education

**27. TECHNICAL SKILLS**

**Scientific Software**

- ChemDraw
- ChemSketch
- MarvinSketch
- AutoDock Vina
- Chimera
- SWISS ADMET
- Molecular Osiris Property Explorer

**Productivity Tools**

- Microsoft Office Suite
- Microsoft PowerPoint
- Microsoft Excel
- Google Workspace

**Academic Competencies**

- Course File Preparation
- Lesson Planning
- Outcome-Based Education Documentation
- CO–PO Mapping
- Assessment Design
- Question Paper Preparation
- Laboratory Documentation
- Research Documentation

**28. LANGUAGES KNOWN**

| Language | Read | Write | Speak |
|---|---|---|---|
| English | ✓ | ✓ | ✓ |
| Hindi | ✓ | ✓ | ✓ |
| Marathi | ✓ | ✓ | ✓ |
| Kannada | ✓ | ✓ | ✓ |

**30. DECLARATION**

I hereby declare that the information furnished in this Academic Curriculum Vitae is true and correct to the best of my knowledge and belief. I understand that any misrepresentation or omission may affect my candidature for academic appointments.

**Place:** Belagavi, Karnataka

**Date:** 09 July 2026

**(Ms. CHETNA S. BHAGOJI)**