

CURRICULUM VITAE

Dr. Sheik Shehensha
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CAREER OBJECTIVE

To be associated with a progressive organization that provides opportunities to share my knowledge and skills in line with current trends, and to be part of a dynamic team dedicated to the organization's growth, offering both professional and personal satisfaction.

KEY QUALIFICATIONS

2022	Award of Ph. D (Full Time, JNTUA)
2011	Master of Pharmacy(75%), Pharmaceutical Chemistry Bharathi College of Pharmacy, RGUHS, Karnataka
2008	Bachelor of Pharmacy (72%) Sree Vidyaniketan College of Pharmacy, JNTU, A.P.

AFFILIATION

- Working as Academician and Researcher in Chandigarh University, ranked Top 2% of World Universities.
- Andhra Pradesh State Pharmacy Council [A190206].
- Ratified as Associate Professor in JNTUK.

CAREER HIGHLIGHTS

- PhD in Pharmaceutical Sciences, awarded 2022.
- Academician and Researcher.
- 16 years of academia experience.
- Created Course era courses.
- Steered Institution Innovation Cell committee.
- Expertise in Patent filing and Startups.
- Worked as Controller of Examinations and HOD in Mother Theresa Institute of Pharmaceutical Education and Research.
- Published research work in reputed journals and Scopus and SCI indexed journals.
- One patent published.
- Guided U.G and P.G students for university project works.
- Isolation of Phytoconstituents by Column Chromatography, Nanotechnology research.
- Attended and Organized FDPs, STTPs, Workshops, Conferences and Webinars.
- Reviewer for international journals.
- Advisor to startup for Student of Chandigarh University.

Title: Synthesis of metal Nanoparticles with plant extracts and assessment of Antimicrobial activity on resistant strains.

TEACHING EXPERIENCE

- Worked as Asst. Professor at Dr. K.V. Subba Reddy Institute of Pharmacy, Kurnool from 2011 to 2017 (6 years).
- Three years Research experience as Fulltime Research Scholar (2017-2020 March) at RIPER.
- Worked as Associate Professor at Vijaya Institute of Pharmaceutical Sciences for Women, Vijayawada since November 2021 May 2022.
- Worked as Associate Professor and Professor at Mother Theresa Institute of Pharmaceutical Education and Research, Kurnool from June 2022 to July 2024.
- Working as Associate Professor at Chandigarh University, Mohali, Punjab. From 05 August 2024 to till date.

PUBLICATIONS

SCI, SCOPUS AND ELSEVIER INDEXED PUBLICATIONS AND BOOK CHAPTER.

1. "A Medicinal Chemistry Assessment of Indole Derivatives as Resistant/Mutant EGFR T790M Inhibitors for Non-Small Cell Lung (NSCLC) Cancer Therapy" Mini-Reviews in Medicinal Chemistry, SHEHENSHA, Sandipan, Bentham Science Publications – 2026.
2. Exploring Glycosides as Novel Therapeutic Candidates for Amyotrophic Lateral Sclerosis: A Comprehensive Review, Swathy SP, **Shehensha S**, Shefali M, International Journal of Drug Delivery Technology (IJDDT) (ISSN: 0975-4415), a Scopus-indexed 2026, peer-reviewed international journal
3. Plant Extract-Mediated Metal Nanoparticles-A Novel Frontier in Anti-Cancer Nano medicine Abhishek Thakur, **S Shehensha**, International Journal of Drug Delivery Technology (IJDDT) (ISSN: 0975-4415), a Scopus-indexed 2026, peer-reviewed international journal.
4. A Comprehensive Review on Nano formulations of Thymoquinone for Cancer Management: Recent Progress and Future Perspectives, Isha Pathania, **S Shehensha**, International Journal of Drug Delivery Technology (IJDDT) (ISSN: 0975-4415), a Scopus-indexed 2026, peer-reviewed international journal.
5. PI3K/HDAC dual inhibitors as potential anticancer therapeutics: An insight into design strategies and structure activity relationships" Chemical Biology & Drug Design, John Wiley & Sons A/S. Published by John Wiley & Sons Ltd.
6. Potential of small molecule TAAR-1 agonists for the therapy of neurodegenerative psychosis: A medicinal chemistry perspective. Bentham Science Publications – 2025.
7. Chromatographic and Mass spectrometry techniques for environmental analysis, Elsevier book chapter.
8. Synthesis, Characterisation and Anti-inflammatory Activity of some Novel Quinazolin-4-(3h)-one, Sathish, **Shehensha** et al Analogues Indian Journal of Pharmaceutical Education and Research Ind J Pharm Edu Res, Apr-Jun, 2012/ Vol 46/ Issue 2. 185-191, ISSN **ISSN-0019-5464**
9. Stability indicating RP-HPLC method for simultaneous estimation of Atazanavir and Cobicistat in bulk and pharmaceutical dosage. p. priyanka, **S, Shehensha***, d. madhuri, a. praveena Dept. of Pharmaceutical Analysis, Dr K.V. Subba Reddy Institute of Pharmacy,

10. Synthesis of silver nanoparticles using *Nigella sativa* seed extracts and assessment of their antibacterial activity, **Shehensha, S.**; Vijaya Jyothi, M.; International Journal of Research in Pharmaceutical Sciences, 11(2), (2020),2525-2532. (Scopus, UGC indexed, Impact factor: 0.12, Citation index: 0.21) ISSN : 0975-7538; DOI: <https://doi.org/10.26452/ijrps.v11i2.2248>
11. Anti-inflammatory activity of *Nigella sativa* oil mediated silver nanoparticles, **Shehensha, S.**; Vijaya Jyothi, M.;Pharmacognosy Journal, 12(5), (2020),1086-1092. (Elsevier-Scopus, UGC indexed, Impact factor: 0.8)ISSN : 0975-3575, Doi: <http://dx.doi.org/10.5530/pj.2020.12.153>
12. Invitro antifungalactivityof *Psidiumguajava*basedsilvern nanoparticles, **Shehensha, S.**; Vijaya Jyothi, M.; Journal of Pure and Applied Micorbiology,14(3), (2020),2075- 83(Elsevier-Scopus, Web of Science, UGC indexed, Impact factor: 0.1) ISSN: 0973- 7510; <https://doi.org/10.22207/JPAM.14.3.48>
13. A review on current approaches of stability-indicating reverse-phase high- performance liquid chromatography method development and validation of antiviral drugs.S. Shakir Basha^{1*}, S. Nuzhath, **S. Shehensha**, B. Srilakshmi, S. Nawaz Mohammed. Drug Invention Today | Vol 13 • Issue X • 2020, PAGE 1-6, 0975-7619.
14. A review on traditional plants with potential anti-arthritis activity. **Shehensha** Mukta shabd Journal, volume XII, Issue IV, April/2023, Page no. 717 -734, ISSN- 2347- 3150.
15. Chloroquine with Azithromycin for Coronavirus in 2019,**Shehensha** , K. Sreeja , B. Narayanamma, History of Medicine studies,ISSN:1300-669x Volume 18Issue 1June 2022.
16. Experiential Learning in Pharma/Health Care Education: Enhancing Competence and Preparedness. Juturi Ravi Kumar Reddy, Rodda Raghuvir , M. Rajkumar , **S. Shehensha**, J. Pharm. Sci. & Res. Vol. 15(5), 2023, 1131-1134, ISSN: 0975-1459
17. A Review on Science of Attention and Developmental Studies in Neuro Science, Juturi Ravi Kumar Reddy, Kasarala Suresh,**S. Shehensha**,Venu Simham, N.Sai Bhavana.
Global Journal of Clinical Medicine and Medical Research [GJCMMR] ISSN: 2583-987X.
18. The Biochemical role of Vitamin D in human health-A comprehensive review. Daljeet, **Shehensha** et al, Afr. J. Biomed. Res. Scopus indexed, Vol 27(3S), Oct 2024.4356-4371
19. Biogenic synthesis of gold nanoparticles using *Nigella sativa* seed extract and its antimicrobial activity, World Congress on Pharmacology, August 2019, Drug Discovery and development, organized by Biogenesis health cluster
20. Assessment of invitro anti fungal activity of *nigella sativa* oil mediated silver and gold nanoparticles. International conference on biomedical and clinical research ,Nov 2022,Shri dharmasthala Manjunatheswara University, Dharwad, Karnataka , Association of Pharmaceutical research.
21. Computational Discovery and evaluation of Hsp90/HDAC6/PI3K triple inhibitors: A new frontier in triple inhibitors for treatment of Cancer. International Conference, Chandigarh

university, Bioinformatics and medicinal plant sciences: Bridging nature and technology for Sustainable Global Health, September 2025.

CONFERENCE / WEBINARS / SEMINARS

- ❖ Attended various National and International conferences, Webinars and Seminars.
- ❖ Organized webinars and International conferences.
- ❖ Organized NIPAM webinars and conferences.
- ❖ Attended FDPs and STTPs.
- ❖ Attended National Conference at Guru Nanak Institute of Pharmacy, Dalewal, as Resource Person – Next gen Pharma trends towards Vikisit Bharat, organized by IPA, Feb 27-28, 2026

PATENTS

- Patent published as Co-inventor in “Herbal film for Keratitis”

BOOK / BOOKCHAPTERS

- A Practical Handbook on Pharmacognosy ISBN 9788196738310
- Book chapter in Biochemistry and clinical pathology for Diploma in Pharmacy
- Book chapter in Elsevier- Computational Discovery and evaluation of Hsp90/HDAC6/PI3K triple inhibitors: A new frontier in triple inhibitors for treatment of Cancer
- Book chapter in Elsevier- Chromatographic and Mass spectrometry techniques for Environmental analysis. May 2026.

Key Skills & Responsibilities

- Developed and executed institutional policies, guidelines, and procedures for sponsored research and consultancy in alignment with UGC, AICTE, and major funding agency standards.
- Represented the university at funding agency meetings, industry forums, and national/international research networks to strengthen visibility and collaborations.
- Identified, curated, and circulated funding opportunities from DST, DBT, SERB, DRDO, AICTE, CSR bodies, and global agencies to drive faculty engagement.
- Facilitated end-to-end approvals, MoUs, NDAs, and contractual agreements with sponsoring agencies and strategic partners.
- Promoted consultancy initiatives by aligning faculty expertise with industry requirements and emerging opportunities.
- Designed consultancy frameworks including pricing models, policy guidelines, and revenue-sharing mechanisms to ensure transparency and sustainability.
- Coordinated with the Finance Office on fund management, utilization certificates (UCs), audits, and financial documentation for sponsored projects.
- Maintained comprehensive databases of active and completed projects, tracking fund flow, milestones, and progress status.
- Oversaw project progress, deliverables, and timelines through structured reviews, audits, and periodic evaluations.
- Assessed research outcomes, publications, patents, and societal/industry impact to guide institutional improvement.
- Prepared analytical reports supporting national and international ranking and accreditation frameworks including NIRF, NAAC, NBA, ARIIA, and QS.

- Performed quality control checks to verify data accuracy for downstream use in dashboards, reports, and analytics systems.

Skills

- Designing, developing, and implementing Curriculum.
- Knowledge of industry-standard e-learning tools and platforms, such as Articulate, Captivate, and Moodle
- Successfully handled learning material projects and implementing learning strategy from conception to completion
- Strong understanding of instructional design principles and technologies
- Excellent project management skills, communication, and interpersonal skills
- Ability to work effectively in a fast-paced, deadline-driven environment

Technical & Professional Competencies

Therapeutic Area & Scientific Expertise

- Therapeutic Area (TA) Knowledge Development
- Product Knowledge Training
- Clinical Data Interpretation & Translation
- Evidence-Based Scientific Content Development
- Oncology / Neurodegenerative / Pharmacology Expertise
- Medical & Scientific Affairs Collaboration
- Congress Insights Translation into Training Content

Learning & Instructional Design

- Adult Learning Principles (Andragogy)
- Instructional Design & Curriculum Development
- Learning Needs Analysis
- Learning Objective Alignment
- Slide Deck & Facilitator Guide Development
- Virtual Learning Session Design
- Interactive Learning Module Creation
- Knowledge Retention Strategy Design

Strategic & Cross-Functional Skills

- Cross-Functional Stakeholder Collaboration
- Global Scientific Communications Support
- Content Lifecycle Management
- Version Control & Documentation
- Review Cycle Coordination
- Compliance & Quality Review (Medical/Scientific Standards)
- Feedback Incorporation & Continuous Improvement

Technical & Digital Skills

- PowerPoint (Advanced Scientific Presentation Design)
- Learning Management Systems (LMS)

- Virtual Training Platforms (Zoom, Teams)
- Reference Management Tools (EndNote, Mendeley)
- AI-assisted Content Optimization

CERTIFICATES

- **Project Management Assessment** certificate.
- UDEMY “**Certificate in Medical Writing for Healthcare Professionals**”
- Coursera course creator / admin.
- Coursera certificates
 - Understanding Research methods
 - Critical thinking Skills for Professionals
 - Learning, Knowledge and Human Development
 - **AI for Education**
 - Get Interactive: Practical Teaching with Technology
- Certificate in International conference on Biomedical and Clinical Research, SDM University.
- Certificates in NIPAM, IIC and IPR webinars.
- Organized National and International Webinars.

SKILLS

Technical & Domain Expertise

- Expertise in **Life Sciences, Pharmaceutical Sciences, and Physical Sciences**
 - Strong understanding of **scientific research methodology**, data interpretation, and statistical analysis
 - Knowledge of **academic publishing standards, journal submission requirements, and peer-review processes**
 - Familiarity with **scientific terminology, research ethics, and plagiarism detection tools**
 - Experience with **STEM manuscripts**, including experimental design and result discussion
 - **AI-Driven Learning Analytics:** Skilled in leveraging artificial intelligence to interpret and decode student learning data, transforming insights into evidence-based strategies that elevate science education outcomes.
 - **Virtual Experiment Design:** Expertise in developing AI-powered virtual labs and simulations that turn abstract scientific theories into interactive, engaging learning experiences.
 - **Adaptive Learning Development:** Proficient in creating dynamic, real-time adaptive learning pathways that personalize content and make complex scientific principles accessible to learners at all levels.
 - **Collaborative Innovation:** Experienced in cross-disciplinary collaboration with educators, scientists, and AI specialists to design innovative solutions that expand the frontiers of science teaching and learning.
 - **AI-Enhanced Content Creation:** Adept at translating complex scientific research into clear, engaging, and AI-optimized educational materials that inspire curiosity and foster scientific inquiry.
 - **Data-Driven Curriculum Design:** Capable of using advanced analytics to measure and improve student mastery across biology, chemistry, physics, and other sciences.
 - **Programming & Technical Proficiency:** Basic coding knowledge for implementing or customizing AI tools in educational contexts.
 - **Strategic Communication:** Strong communicator with the ability to simplify intricate scientific and AI concepts for diverse audiences.
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Value-Added Expertise

- Published author with 50+ research papers, Elsevier book chapter, and 1 Patent.
- 16 years of teaching and mentoring experience in scientific writing and research.
- Experienced in reviewing and polishing manuscripts for impact factor journals.
- Proven track record of helping authors enhance manuscript quality for publication success.
- Developing high-quality, accurate, and innovative scientific and medical content (DSE/digital/MSL materials/FAQs/Medical Information Letters) tailored to specific audiences in the US and globally via impactful formats and relevant channels
- Drafting high-quality and accurate publications (manuscripts/abstracts/posters/oral presentations, enhanced content) for scientific congresses and journals
- Addressing complex Medical Information inquiries/escalations
- Content creation to facilitate interaction with payers and provide timely support for compendia submissions
- Manage workflows and approvals through the appropriate processes and systems
- Maintain strong partnerships with the Scientific Communication Operations team in support of standardization of processes.
- Knowledge of emerging technologies in scientific communications (e.g., AI tools, omnichannel & digital engagement platforms).
- Strong computer and database skills, particularly with Microsoft Office products
- Ability to deliver the assigned marketing materials with accuracy, clarity, and consistency and in alignment with MLR, other regulatory and company policy.
- Evaluate / plan the resource requirements, timeline, and other logistics for the assigned projects. Assign tasks & coordinating with all involved teams for project execution.
- Oversee and guide the team to ensure efficient and effective project execution. Foster a collaborative and positive work environment, while providing mentorship and support to team members.
- Track team performance and productivity. Conduct regular performance reviews and provide constructive feedback. Prepare and present reports on team progress and project outcomes to senior management.
- Develop and implement standardized workflows, templates, and review mechanisms and manage dependencies with creative, digital and quality teams.
- Identify process gaps, drive continuous improvement, and reduce cycle times

Research & Technical Skills

- Nanotechnology
- Phytochemistry
- Oncology
- Cardio-vascular diseases
- Drug discovery
- Heterocyclic chemistry
- Bioinformatics & data analysis
- Molecular diagnostics
- Clinical sample processing
- Drug discovery and development
- Animal models for cancer research
- Multiplex immunohistochemistry (IHC)

Leadership & Collaboration

- Principal Investigator (PI) responsibilities

- Multidisciplinary team leadership
- Cross-institutional collaboration
- Mentoring and training researchers
- Grant writing and funding acquisition
- Project management in biomedical research
- Industry–academia partnerships

ABILITIES

- ❖ Effective oral and written communication
- ❖ Planning and organizing
- ❖ Inspirational leadership
- ❖ Outlining policies and procedures
- ❖ Strategic visioning

PERSONAL PROFILE

Date of birth : 07-08-1986
Gender : Male
Nationality : Indian
Languages : English, Hindi, Telugu and Kannada
Address : Chandigarh University, Mohali, Punjab, India.

DECLARATION

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

Signature