

DR.Krishnasri Padamandala-Faculty Profile

1. Faculty Details

Name: DR. Padamandala Krishnasri

Assistant Professor| Optometry Department, SOAHS, Mallareddy University

Highest Qualification: PhD in Optometry from UOH

Institution Name: Mallareddy University

□ Official Email: drp.krishnasri@mallareddyuniversity.ac.in |

□ Google Scholar: https://scholar.google.com/citations?user=0A_alugAAAAJ&hl=en

ORCID: [0000-0002-2828-0302](https://orcid.org/0000-0002-2828-0302)

2. About

Short profile (80–150 words max)

Dr. Krishnasri Padamandala is an Assistant Professor of Optometry at Malla Reddy University with a PhD in Optometry and Vision Sciences from the University of Hyderabad. She contributes to both teaching excellence and research-driven innovation in vision and health sciences. Her teaching portfolio includes occupational optometry, visual optics, clinical optometry, oculoplasty, low vision and ocular diseases, systemic diseases affecting the eye, and research methodology and project management. Her research focuses on quality-of-life outcomes in retinoblastoma survivors, nanomaterials and drug-delivery systems, artificial intelligence in healthcare, and selected inflammatory disorders. She has published in peer-reviewed journals, authored book chapters, and holds multiple patents in AI-enabled healthcare technologies. Actively involved in grant writing, research mentoring, and institutional quality initiatives, she supports the University's research and innovation goals in alignment with NAAC work.



3. Educational Qualifications

Degree	Specialisation	University	Year
PhD	Optometry & Vision Sciences	University of Hyderabad	2024
Integrated MSc	Optometry & Vision Sciences	University of Hyderabad	2017

4. Areas of Expertise

- Area 1
- Area 2
- Area 3

5. Publications

Research Papers:

- Padamandala, K., G Honavar, S., Bansal, R., Prasad M, S. D., Gadiraju, P., & K Vemuganti, G. (2023). Investigating the Quality of Life of Retinoblastoma Survivors:

An Initial Exploration. *Journal of Cancer Science and Clinical Therapeutics*, 07(02).
<https://doi.org/10.26502/jcsct.5079202>.

- Quality of Life in Retinoblastoma Survivors Tertiary Care Hospital in India: qol-Rb-India study Accepted in Indian Journal of Ophthalmology- Under publication Process 7th March 2024. IJO_2857_23.
- Tripathi, Ashith; Singh, Sachitanand; Khan, Iqra Jamal; Padamandala, Krishnasri; Sebastian, Sebin C1. Authors' response to comments on The effect of 2% pilocarpine on depth of field in different time intervals among presbyopic subjects. *Indian Journal of Ophthalmology* 73(Suppl 2):p S351-S352, March 2025. | DOI: 10.4103/IJO.IJO_78_25
- Thriving Beyond Diagnosis: Quality of Life in Retinoblastoma Survivors qol Rb India study, K Padamandala, GK Vemuganti, SG Honavar - *Investigative Ophthalmology & Visual Science*, 2024.
- Krishnasri Padamandala., et al. "The Unseen Burden: A Scoping Review of Quality of Life in Retinoblastoma-Affected Lives". *Acta ScientificOphthalmology* 8.9 (2025): 03-15.
- Quality of life (QOL) in retinoblastoma (rb) survivors in APOA AIOC 2025 abstract submitted for paper presentation at APOS, Yashobhumi Delhi, Authors: Dr. Ashwitha Alva, Dr. Krishnasri Padamandala, in April 2025.

Books / Book Chapters: Titles

- AI and privacy health care (accepted and in communication for further process).
- "Explainable AI for Smart Healthcare" DE Gruyter Scopus indexed publication
- Ensuring Reliable Generative AI in Healthcare: Challenges and Solutions for Diagnosis and Treatment Systems, which will be published by Springer Nature.
- Applied Mathematics for Healthcare Intelligent Systems Book Chapter (accepted and in communication for further process).
- Vaccine-Based Therapeutic Interventions in Uveal Melanoma Management: A Conceptual Review (Accepted in Scopus indexed Volume 2 chapter 16, 2025 with Publisher as book chapter).
- Endometriosis: Past, Present, future (Communicated and accepted in Bentham Journals)
- Integration of AI With Electronic Health Records, <https://www.igi-global.com/book/revolutionizing-metabolic-medicine-artificial-intelligence/371014>

6. Experience

- **Teaching Experience:** 3+ years
- **Research Experience:** 6± years

7. Achievements & Professional Engagement Awards:

- Received best paper award on April 5th, 2025 Quality of life of Retinoblastoma survivors in tertiary care eye hospital in South India. Indian Journal of Ophthalmology 72(10):p 1433-1441, October 2024.
- Received the Prathibha Award in 2010 by Kendramatri Srimati Purandereshwari as securing Distinction from a government-aided school.

Grants received/Recognitions

1. Received an IOE travel grant amount of 1,00,000 INR for my ISOO Africa trip on Aug 25th, 2025, to Kenya for my poster presentation from the University of Hyderabad, Institute of Eminence.
2. Received a travel grant of 50,000 INR from Chandigarh University for my Seattle 2024, ARVO conference, for which I received the best paper publication, I.e., published in IJO.

Conferences / Workshops / Talks/ Oral Presentations:

1. Presented a pilot paper on the Feasibility of a quality-of-life questionnaire in retinoblastoma survivors in India: a qualitative pilot study, on December 6th & 7,2022 at the First International Conference on Health and Pharmaceuticals @FTCCI
2. Oral Talk at Centre for Sight on “Retinoblastoma and Treatment-related care”September 2022.
3. Quality of life perception among parents of Rb survivors in a tertiary eye care clinic in Hyderabad: A pilot study- Presented at Telangana Ophthalmological Society TOS July 2022.
4. Exploring the Emotional Aspects of Parents of Retinoblastoma (Rb) Survivors: Narrative Approach. November 11th, 2022, @ UOH Psychology conference.
5. Sustainable future and @ oral presentation at ICAMF, on March 5- 6th, 2025, at Punjab Central University, Bathinda, Punjab.
6. Presented an oral paper on Sustainable contact lens for the future: Market opportunities and strategies on March 28- 29, 2025, at Chitkara University, Punjab.

Poster presentation:

1. Screening the quality-of-life perception among the parents of Rb survivors among the 2-5 years of age group in a tertiary eye care clinic in Hyderabad: A Cross-sectional study presented a poster at ICFAST September 2022.
2. Quality of life of Rb survivors at tertiary eye care hospital in India: August 21-23,2023, Mombasa, ISOO Africa.
3. E Poster On “Quality of Life in Rb at Tertiary Eye Care Hospital in India” @ TOSCON 2023, during the 8th Annual Telangana State Ophthalmological Conference on 7th to 9th July 2023 at Citadel Hotels and Convention Centre, Hyderabad.

4. Presenting My PhD thesis, i.e., selected for ARVO 2024 at Seattle, Washington, entitled “Thriving Beyond Diagnosis: Quality of Life in Retinoblastoma Survivors QoL Rb India study, has been received and will be reviewed by the Program Committee on May 5-9, 2024.

Patents Published and Filed:

1. Handheld AI-enhanced device for comprehensive anterior chamber segment examination. Patent filed number. **202511024459 A, DOP: 04/04/2025.**
2. AI-based Automatic screen Magnifier and Screen Expander. **202511046363 A, DOP 30/05/2025**
3. Medicine Drop Dispensing system with fixed quantity and shelf life indicator. **202511049364 A, DOP: 13/06/2025**
4. Portable Digital ICU Vital Signs Monitoring and Life-saving alert device with remote access capability. **202511052957 A, DOP: 13/06/2025.**
5. Self-Predictable AI-based Retinoscope, **202511059558 A, DOP:04/07/2025**
6. Automated Eye Movement Analysis and Therapy device for neurological and perceptual rehabilitation, **202511059527A, DOP: 04/07/2025**

Session Chair:

- Served as **Session chair for “International Conference on Collaborative Healthcare(ICCHI)” -Chitkara University” on 23-24 September , 2025**

8. Roles & Responsibilities

Institutional / Departmental Roles: BOS member

- Committees: Publication Cell Member
- Coordinatorships: NAAC coordinator, Research Coordinator

9. Contact & Profile Links

☐ Email: krishnasri.p6931@gmail.com

☐ Research Profiles:

Google Scholar profile:

https://scholar.google.com/citations?user=0A_alugAAAAJ&hl=en

LinkedIn Profile:

<https://www.linkedin.com/in/dr-krishnasri-padamandala-phd-8345b7b0/?originalSubdomain=in>