

# Healthcare

## Introduction of the Sector

Health Care comprising of hospitals, medical devices, clinical trials, outsourcing, telemedicine, medical tourism, health insurance and medical equipment has become one of India's largest sectors – both in terms of revenue and employment. With increased awareness about health, domestic healthcare, medical tourism and health insurance markets are gaining momentum, offering opportunities for trained personnel.

## B. Voc. in Optometry

### Course Introduction

B. Voc. in Optometry is a degree course in the advanced study of the clinical skills involved in professionally measuring eyesight, prescribing corrective lenses and detecting eye diseases. In this course candidates specialize in the area of Sports Vision, Low Vision Aids, Contact Lens, Paediatric Optometry, Orthotics, Behavioural Optometry etc., It is the primary health care providers for the treatment and management of the Refractive Disorders and Information Processing. It is career promising in nature and provide many job opportunities for the candidates after its successful completion.

### Eligibility for Admission

The eligibility for admission to B. Voc. in Optometry shall be 10+2 or equivalent, in preferably science stream.

### Career Prospects

Successful graduates of the course get employment across both private and government sectors, in areas such as Eye Clinics, Optician Showrooms, Contact Lens and Ophthalmic Lens Industry, Hospital Eye Department, Optical Shops etc.,

### Semester-wise Listing of Courses

Semesters	Subject Code	Subject Name	Credits
<b>I</b>	GE 1.1	Functional English	4
	GE 1.2	Communication Skills - I	4
	GE 1.3	Computing Skills - I	4
	OPT 1	Human Anatomy and Human Physiology	2
	OPT 2	Healthcare Delivery System and Medical Laws, Ethics and Professionalism	2
	OPT 3	Physical Optics I and Geometrical Optics I	2
	OPTP 1	Vocational Practical	12
<b>II</b>	GE 2.1	Basics of Economics and Markets	4
	GE 2.2	Environment Sciences	4
	GE 2.3	Ethics and Governance	4

	OPT 4	Quality and Patient Safety and Research Methodologies and Biostatistics	2
	OPT 5	Ocular Anatomy and Ocular Physiology	2
	OPT 6	Physical Optics II and Geometrical Optics II	2
	OPTP 2	Vocational Practical	12
<b>III</b>	GE 3.1	Communication Skills II	4
	GE 3.2	Financial Literacy	4
	GE 3.3	Basics of Legal and HR Policies	4
	OPT 7	Ocular Pathology and Ocular Microbiology and Ocular Disease – I	2
	OPT 8	Optometric Instruments and Clinical Examination of Visual System	2
	OPT 9	General and Ocular Biochemistry and Nutrition and Public Health and Community Optometry	2
	OPT P3	Vocational Practical	12
<b>IV</b>	GE 4.1	Computing Skills – II	4
	GE 4.2	Basics of Accounting	4
	GE 4.3	Design Thinking	4
	OPT 10	Ocular Pathology and Ocular Microbiology and Ocular Disease – II	2
	OPT 11	Visual Optics – I and Optometric Optics – I	2
	OPT 12	Contact Lens – I and Binocular Vision – I	2
	OPT P4	Vocational Practical	12
<b>V</b>	GE 5.1	Digital Literacy	4
	GE 5.2	Health and Wellness	4
	GE 5.3	Personal Grooming	4
	GE 10.1	Basics of Economics and Markets	4
	OPT 13	Systemic Diseases and Basic and Ocular Pharmacology	2
	OPT 14	Visual Optics – II and Optometric Optics – II	2
	OPT 15	Contact Lens – II and Binocular Vision – II	2
	OPT P5	Vocational Practical	12
<b>VI</b>	GE 6.1	Entrepreneurship	4
	GE 6.2	Employment Readiness	4
	GE 6.3	Effective Workplace Skills & Competencies	4
	OPT 16	Low Vision Care and Dispensing Optics and Occupational Optometry	2
	OPT 17	Medical Psychology and Geriatric Optometry and Paediatric Optometry	2
	OPT 18	Ophthalmic Operating Theatre Practice	2

**Programme fees:** Rs. 48,000/-per annum

**Examination fees:** Rs.1,600/- per semester and Rs. 3200 per annum

**Caution Deposit ( Refundable):** Rs.5000

**Note: Maharashtra Paramedical Council approval is in process for Healthcare programmes**

