

**Programme Outcomes**

No.	By the end of the program, the Optometry Graduate will:
PO 1	Optometry Knowledge and Skill
PO 2	Planning and problem solving abilities
PO 3	Communication
PO 4	Research Abilities
PO 5	Professionalism and Ethics
PO 6	Leadership
PO 7	Societal responsibilities
PO8	Environment and Sustainability's
PO9	Lifelong Learner

**Course Outcomes and Mapping with Programme Outcomes**

**Year / Semester-I**

Course Code	Course Title
C-101	General anatomy
C-102	General physiology
C-103	Physical optics and principles of lighting
C-104	Geometrical optics
C-105	Dispensing optics 1
C-106	Computers for Optometry

**Course 1 (Subject Code)**

CO No.	At the end of the course, the learner should be able to:	Mapped Programme Outcomes
101.1	Fundamental knowledge and understanding of general anatomy and histology	PO1
101.2	Student will be able to identify the microscopic structure of various tissues and organs in the human body.	PO1
101.3	Student will be able to analyze , differentiate and describe different functions of human organ and its systems	PO1

**Course 2 (Subject Code)**

CO No.	At the end of the course, the learner should be able to:	Mapped Programme Outcomes
102.1	The student will demonstrate fundamental knowledge and insight into physiology of human body.	PO1

**Course 3 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
103.1	Student will demonstrate fundamental knowledge and insight into physical optics.	PO1,PO2,
103.2	Student will be able to understand and solve problems related to the eye and optical instruments/lenses, their function and correction	PO1,PO2,
103.3	.Knowledge and understanding will be demonstrated in the areas of wave front	PO1,PO2,
103.4	Student will be able to apply the fundamental knowledge of physical optics and how they apply to the human eye.	PO1,PO2,PO3,PO5

**Course 4 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
104.1	The students will be able to demonstrate fundamental knowledge and insight into geometrical optics and solve problems related to the eye and optical instruments/lenses, their function and correction	PO1,PO2,PO4
104.2	Students will have the knowledge and understanding to demonstrate refraction at different surfaces	PO1,PO2,PO4
104.3	Students will be able to apply the fundamental knowledge of geometrical optics and how they apply to the human eye.	PO1,PO2,PO4

**Course 5 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
105.1	Student will be able to acquire the skills and knowledge of components of dispensing.	PO1,PO2,PO3,PO4,PO5,PO9

**Course 6 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
106.1	Students will be able to use various applications[word, excel, power point etc..] in computers.	PO1,PO2
106.2	Students will be able to use various software pertaining to optometry field.	PO1,PO2

**Year / Semester-II**

<b>Course Code</b>	<b>Course Title</b>
C-201	Ocular Anatomy
C-202	Ocular Physiology
C-203	Basic Biochemistry
C-204	Basic Pharmacology
C-205	Basic Pathology
C-206	Basic Microbiology
C-207	Ophthalmic Optics

**Course 7 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
201.1	Students will be able to demonstrate knowledge and skills and will be able to discuss and explain the anatomy of eye in detail	PO1,PO2,

**Course 8 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
202.1	Students will be able to discuss and explain in detail the physiology of the eye related to various structures.	PO1,PO2,
202.2	Knowledge and understanding regarding structure and function, with development and aging, Will be demonstrated in all the areas related to eye	PO1,PO2,

**Course 9 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
203.1	Students will be able to demonstrate knowledge and understanding. Structure, function and interrelationship of biomolecules and consequences of deviation from normal.	PO1,PO2
203.2	Integration of the various aspects of metabolism, and their regulatory pathways.	PO,PO2

**Course 10 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
204.1	Students will be able to demonstrate basic principle of pharmacokinetics & Pharmacodynamics	PO1,PO2,
204.2	Commonly used ocular drugs, mechanism, indications, contraindications, drug dosage and adverse effects.	PO1,PO2,

**Course 11 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
205.1	The student will be able to demonstrate fundamental knowledge and insight into general pathology and general medical disorder and how they can affect the eye.	PO1,PO2,
205.2	Pathology of the various parts of the eye and adnexa	PO1,PO2,

**Course 12 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
206.1	The student will be able to should demonstrate fundamental knowledge and insight into general microbiology and immunology.	PO1

**Course 13 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
207.1	The student will be able to acquire the knowledge of Ophthalmic lens ,its measurements and despensing	PO1,PO2,PO3,PO4,PO5

**Semester 3**

<b>Course Code</b>	<b>Course Title</b>
C-301	Dispensing optics 2
C-302	Visual optics1
C-303	Optometric instruments
C 304	Clinical Examination of the Eye
C 305	Ocular Diseases- I

**Course 14 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
301.1	The students will demonstrate knowledge and skills of optical appliances and dispensing and how visual correction interact with the eye.	PO1,PO2,PO3,PO4,PO5,PO8

**Course 15 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
302.1	The students will demonstrate fundamental knowledge and insight into visual optics in order for the students to be able to understand and solve problems related to image formation, both qualitative and quantitative, for the candidate to investigate the optics of the human visual system and refractive correction.	PO1,PO2,PO4,PO6

**Course 16 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
<b>303.1</b>	<b>Students will be able to define ,illustrate ,and make use of optometric instruments</b>	<b>PO1,PO2,PO3,PO4,PO5</b>

**Course 17 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
<b>304.1</b>	<b>The students will demonstrate knowledge, understanding and skills, and be able to discuss and undertake examinations of patients using investigative techniques</b>	<b>PO1,PO2,PO4,PO5,PO6,PO9</b>

**Course 18 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
<b>305.1</b>	<b>The Students will demonstrate knowledge, understanding and skills, and be able to detect and manage patients presenting with abnormal ocular conditions.</b>	<b>PO1,PO2,PO3,PO4,PO6</b>
<b>305.2</b>	<b>Knowledge, understanding and detection skills should be demonstrated of ocular pathology affecting the eye</b>	<b>PO1,PO2,PO3,PO4,PO6</b>

**Semester 4**

<b>Course Code</b>	<b>Course Title</b>
<b>C 401</b>	<b>Optometric Optics</b>
<b>C 402</b>	<b>Visual Optics -2</b>
<b>C 403</b>	<b>Low Vision</b>
<b>C 404</b>	<b>Ocular Diseases 2</b>
<b>C 405</b>	<b>Ocular Investigation</b>
<b>C 406</b>	<b>Hospital Procedures &amp; Medical Psychology</b>

**Course 19 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
<b>401.1</b>	<b>Students should demonstrate knowledge and skills of optical appliances and dispensing and interaction of visual correction</b>	<b>PO1,PO2,PO3,PO4</b>
<b>401.2</b>	<b>To advise on and to dispense the most suitable form of optical correction taking into account durability ,comfort cosmetic appearance and lifestyle</b>	<b>PO1,PO2,PO3,PO4,PO5,PO6</b>

**Course 20 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
402.1	Students can assess visual acuity for all groups of patients, neonates, pediatric group, School going, Adult and geriatric group of people. They can diagnose various refractive errors	PO1,PO2,PO3,PO4,PO5
402.2	They can handle retinoscope ,refine cylindrical axis,manage refractive error by possible treatment modalities.	PO1,PO2,PO3,PO4,PO5
402.3	They become aware of the optical components of the eye with their dioptric number , refractive indices and other related factors.	PO1,PO2,PO3,PO4,PO5

**Course 21 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
403.1	The student will demonstrate knowledge, understanding and skills, and be able to discuss and manage patients whose vision cannot be improved significantly using conventional spectacles or contact lenses, in order to make the most of their residual vision using magnifying systems and imaging technology	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9

**Course 22 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
404.1	The students will be knowledgeable in the following aspects of ocular diseases: knowledge on the epidemiology of the various eye related diseases the diagnosis based on the sign and symptoms of the disease with proper management also will perform clinical decision making for ocular abnormalities.	PO1,PO2,PO3,PO5,PO9

**Course 23 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
405.1	The student will demonstrate the knowledge and skills and be able to discuss and undertake the examinations of patients using different investigative or diagnostic techniques.	PO1,PO2,PO3,PO4,PO5,PO9
405.2	Students will use instruments in ocular examinations and will understand the implication of the findings in terms of subsequent examination techniques.	PO1,PO2,PO3,PO4,PO9

**Course 24 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
406.1	Students will be able to have the distinction from publicity, propaganda and advertising, Maintain internal & External public relations	PO1, PO3,PO5,,PO7,PO8, PO9

**Semester 5**

<b>Course Code</b>	<b>Course Title</b>
C 501	Orthoptics and binocular vision
C 502	Major Eye Disease
C 503	Systemic Disease
C 504	Contact Lens 1
C 505	Public Health and community optometry
C 506	Research Methodology and biostatistics

**Course 25 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
501.1	The student will demonstrate knowledge, understanding and skills, and be able to discuss and manage patients who suffer from binocular vision problems and who are at risk of developing binocular vision problems	PO1,PO2,PO3,PO4,PO5,PO6,PO9

**Course 26 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
502.1	The student will be able to discuss in detail regarding the etiology, differential diagnosis and management aspects of major eye diseases which are main causes of blindness in India. The scope of the course should cover how an Optometrist can play a vital role in diagnosis and management of such diseases when the student is working as part of a medical team or even in private clinic. Points about urgent, emergency and routine referral of patient with diagnosed of such diseases should be understood by the student.	PO1,PO2,PO4,PO9

**Course 27 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
503.1	The student will demonstrate fundamental knowledge and insight into general pathology and common medical disorder with its effect in the eye.	PO1,PO2,PO4,PO9

**Course 28 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
<b>504.1</b>	<b>The student will demonstrate knowledge, understanding and skills, and be able to discuss and undertake examinations and management of patients wanting to wear or who are already wearing contact lenses</b>	<b>PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO9</b>

**Course 29 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
<b>505.1</b>	<b>The student will demonstrate fundamental knowledge and insight into the epidemiology and how to interpret clinical evidence into optometric practice</b>	<b>PO1,PO2,PO4,PO5,PO6,PO7,PO9</b>

**Course 30 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
<b>506.1</b>	<b>The student will demonstrate fundamental knowledge and insight into the epidemiology, and biostatistics and application of experiments and research in optometric practice</b>	<b>PO1,PO2,PO4,PO5,PO6,PO7,PO9</b>

**Semester 6**

<b>Course Code</b>	<b>Course Title</b>
<b>C 601</b>	<b>Pediatric Optometry</b>
<b>C 602</b>	<b>Occupational Optometry</b>
<b>C 603</b>	<b>Geriatric Optometry</b>
<b>C 604</b>	<b>Advanced Orthoptics</b>
<b>C 605</b>	<b>Contact lens 11</b>
<b>C 606</b>	<b>A) Basic Accountancy B) Law for Optometry</b>
<b>C 607</b>	<b>Medical Psychology</b>

**Course 31 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
<b>601.1</b>	<b>The student will demonstrate knowledge, understanding and skills, and be able to discuss and manage pediatric communication skills</b>	<b>PO1,PO2,PO3,PO4,PO5,PO6,PO9</b>
<b>601.2</b>	<b>Assess visual acuity, refraction, any binocular vision anomaly, spectacle and contact lens dispensing.</b>	<b>PO1,PO2,PO3,PO4,PO5,PO6,PO9</b>
<b>601.3</b>	<b>Low vision assessment ,evaluation and management in clinical practice</b>	<b>PO1,PO2,PO3,PO4,PO5,PO6,PO9</b>



**Course 32 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
602.1	The student will demonstrate knowledge and understanding and be able to discuss and test visual function in relation occupational optics and regulations related to vision and driving.	PO1,PO2,PO3,PO7,PO9
602.2	An understanding of eye protection regulations, and relevant standards, and the ability to prescribe and dispense visual device according to occupational visual requirements	PO1,PO2,PO3,PO7,PO9

**Course 33 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
603.1	The student will demonstrate knowledge and understanding and be able to discuss, test and explain the human development of the visual system and its response to aging.	PO1,PO2,PO3,PO7,PO9

**Course 34 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
604.1	The student will demonstrate knowledge, understanding and skills, and be able to discuss and manage binocular vision anomaly and its management	PO1,PO2,PO3,PO7,PO9

**Course 35 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
605.1	The student will demonstrate knowledge, understanding and skills, and be able to discuss and undertake examinations and management of patients wanting to wear Soft Contact Lenses or already wearing soft contact lens.	PO1,PO2,PO3,PO4,PO5,PO6,PO9
605.2	will also demonstrate the knowledge with Optics of Contact Lenses, raw materials,	PO1,PO2,PO3,PO4,PO5,PO6,PO8,PO9

**Course 36 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
606.1	Students will be able to handle small business in terms of maintaining accounting procedures	PO1, PO2, PO3, PO5, PO6,PO7,PO9
	Student's will be made aware of the responsibilities and rights of an optometrist in a factual context which will enable them to understand their place in society and healthcare team.	PO1, PO2, PO3, PO5, PO7, PO9

**Course 37 (Subject Code)**

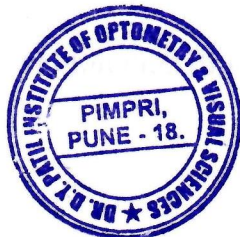
<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
607.1	Students will be able to understand patients thought regarding the illness, the social applications, handling of emotions and psycho-social aspects in advance perspectives in rehabilitation	PO1, PO2, PO3, PO5, PO6, PO7, PO9

**Semester 7**

<b>Course Code</b>	<b>Course Title</b>
C 701	Internship

**Course 38 (Subject Code)**

<b>CO No.</b>	<b>At the end of the course, the learner should be able to:</b>	<b>Mapped Programme Outcomes</b>
701.1	The student will demonstrate knowledge, understanding and skills, and be able to discuss and undertake examinations and management of patients.	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9



  
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**Summary: Mapping of Programme Outcomes with Course Outcomes**

Semester	No	Course name and code	course outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	
B. Optom 1st Semester	1	General anatomy	C-101.1	3									
			C-101.2	3									
			C-101.3	3									
	2	General Physiology	C-102.1	3									
	3	Physical optics & Principles of Lighting	C-103.1	3	3	1	2	1	1	1	1	2	2
			C-103.2	3	3	1	2	2	1	1	1	2	2
			C-103.3	3	3	1	2	2	1	1	1	2	2
			C-103.4	3	2	2		1					
	4	Geometrical Optics	C-104.1	3	2		2						
			C-104.2	3	2		2						
			C-104.3	3	2		2						
	5	Dispensing Optics	C-105.1	3	3	3	3	3				3	
	6	Computers	C-106.1	3	3								
			C-106.2	3	3								
B. Optom 2nd Semester	7	Ocular Anatomy	C 201.1	3	3								
	8	Ocular Physiology	C 202.1	3	3								
			C-202.2	3	3								
	9	Basic Biochemistry	C 203.1	3	3								
			C-203.2	3	3								
	10	Basic Pharmacology	C 204.1	3	3								
			C-204.2	3	3								
	11	Basic Pathology	C 205.1	3	3								
			C-205.2	3	3								
	12	Basic Micro biology	C 206.1	3									
13	Ophthalmic Optics	C-207.1	3	3	2	2	1						

B. Optom 3rd Semester	14	Dispensing Optics II	C-301.1	3	3	3	3	3		3	
	15	Visual Optics I	C-302.1	3	3		3		3		
	16	Optometric Instruments	C-303.1	3	3	3	3	3			
	17	Clinical Examination of Visual System	C-304.1	3	3		3	3	3		3
	18	Ocular diseases	C-305.1	3	3	3	3		3		
C-305.2			3	3	3	3		3			
B. Optom 4th Semester	19	Optometric optics	C-401.1	3	3	3	3				
			C-401.2	3	3	3	3	3	3		
	20	Visual optics 2	C-402.1	3	3	3	3	3			
			C-402.2	3	3	3	3	3			
			C-402.3	3	3	3	3	3			
	21	Low vision	C-403.1	3	3	3	3	3	3	3	3
	22	Ocular disease 2	C-404.1	3	3	3		3			3
	23	Optometric investigation	C-405.1	3	3	3	3	3			3
C-405.2			3	3	3	3				3	
24	Hospital procedures & Medical Psychology	C-406.1	2		3		2		2	2	3
B. Optom 5th Semester	25	Binocular vision and orthoptics	C-501.1	3	3	3	3	3	3		3
	26	Major eye disease	C-502.1	3	3		3				3
	27	Systemic diseases	C-503.1	3	3		3				3
	28	Contact lens I	C-504.1	3	3	3	3	3	3	3	3
	29	Public Health & Community Optometry	C-505.1	3	3		3	3	3	3	3
	30	Research Methodology & Biostatistics	C-506.1	3	3		3	3	3	3	3

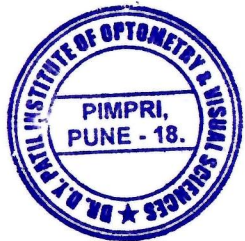
B. Optom 6th Semester	31	Pediatric optometry	C-601.1	3	3	3	3	3	3			3	
			C-601.2	3	3	3	3	3	3			3	
			C-601.3	3	3	3	3	3	3			3	
	32	Occupational optometry	C-602.1	3	3	3				3		3	
			C-602.2	3	3	3				3		3	
	33	Geriatric Optometry	C-603.1	3	3	3				2		3	
	34	Advanced orthoptics	C 604.1	3	3	3				3		3	
	35	Contact lens II	C 605.1	3	3	3	3	3	3			3	
			C-605.2	3	3	3	3	3	3		3	3	
	36	A) Basic Accountancy	C-606.1	2	3	2			2	2	2		3
		B) Law for Optometry	C-606.1	2	3	2			2		2		2
	37	Medical Psychology	C-607.1	2	2	2			3	2	2		3
	38	Internship	C-701.1	3	3	3	3	3	3	3	3	3	3

**Scoring Legend**

Total number of periods devoted to a particular PO across all CO'S / Total number of periods for the course

1:5-25%    2:25<50%    3>50%

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Average score	2.9	2.9	2.7	2.6	2.6	2.6	2.3	2.4	2.8
Sum	176	157	94	95	79	55	37	17	83
Item count	60	60	54	35	34	30	21	16	29



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B.PROGRAMME MATRIX OF ALL COURSES

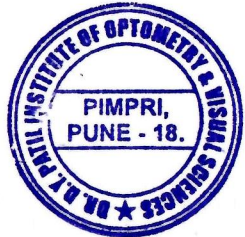
		Knowledge & Skill	Planning & Problem solving Abilities	Communication	Research Aptitude	Professionalism & Ethics	Leadership	Societal Responsibilities	Environment and Sustainability	Life long Learner
Year	Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
B. Optom 1st sem - First year	C-101	9								
	C-102	3								
	C-103	12	11	5	6	6	3	3	6	6
	C-104	9	6		6					
	C-105	3	3	3	3	3				3
	C-106	6	6							
B. Optom 2nd sem - First year	C- 201	3	3							
	C- 202	6	6							
	C- 203	6	6							
	C- 204	6	6							
	C- 205	6	6							
	C- 206	3								
	C- 207	3	3	2	2	1				







21	Low Vision C-403	3	1.705	3	1.911	3	3.191	3	3.158	3	3.797	3	5.455	3	8.108			3	3.614
22	Ocular Diseases 2 C- 404	3	1.705	3	1.911	3	3.191			3	3.797							3	3.614
23	Optometric Investigation C-405	6	3.409	6	3.822	6	6.383	6	6.316	3	3.797							6	7.229
24	Hospital procedures & Medical Psycholog	2	1.136			3	3.191			2	2.532			2	5.405	2	11.76	3	3.614
25	Orthoptics and Binoocular vision C-501	3	1.705	3	1.911	3	3.191	3	3.158	3	3.797	3	5.455					3	3.614
26	Major Eye Disease C-502	3	1.705	3	1.911			3	3.158									3	3.614
27	Systemic Disease C-503	3	1.705	3	1.911			3	3.158									3	3.614
28	Contact Lens -I C -504	3	1.705	3	1.911	3	3.191	3	3.158	3	3.797	3	5.455	3	8.108			3	3.614
29	Public Health and community optometry C-505	3	1.705	3	1.911			3	3.158	3	3.797	3	5.455	3	8.108			3	3.614
30	Research Methodology and Biostatistics C - 506	3	1.705	3	1.911			3	3.158	3	3.797	3	5.455	3	8.108			3	3.614
31	Pediatric Optometry C-601	9	5.114	9	5.732	9	9.574	9	9.474	9	11.39	9	16.36					9	10.84
32	Occupational Optometry C-602	6	3.409	6	3.822	6	6.383							6	16.22			6	7.229
33	Geriatric Optometry C-603	3	1.705	3	1.911	3	3.191							2	5.405			3	3.614
34	Advanced Orthoptics C-604	3	1.705	3	1.911	3	3.191							3	8.108			3	3.614
35	Contact Lens II C-605	6	3.409	6	3.822	6	6.383	6	6.316	6	7.595	6	10.91			3	17.65	6	7.229
36	A) Basic Accountancy	2	1.136	3	1.911	2	2.128			2	2.532	2	3.636	2	5.405			3	3.614
	B) Law for Optometry	2	1.136	3	1.911	2	2.128			2	2.532		0	2	5.405			2	2.41
37	Medical Psychology	2	1.136	2	1.274	2	2.128			3	3.797	2	3.636	2	5.405			3	3.614
38	Internship	3	1.705	3	1.911	3	3.191	3	3.158	3	3.797	3	5.455	3	8.108	3	17.65	3	3.614



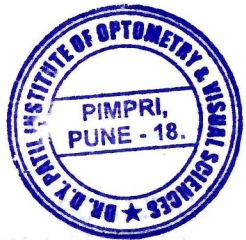
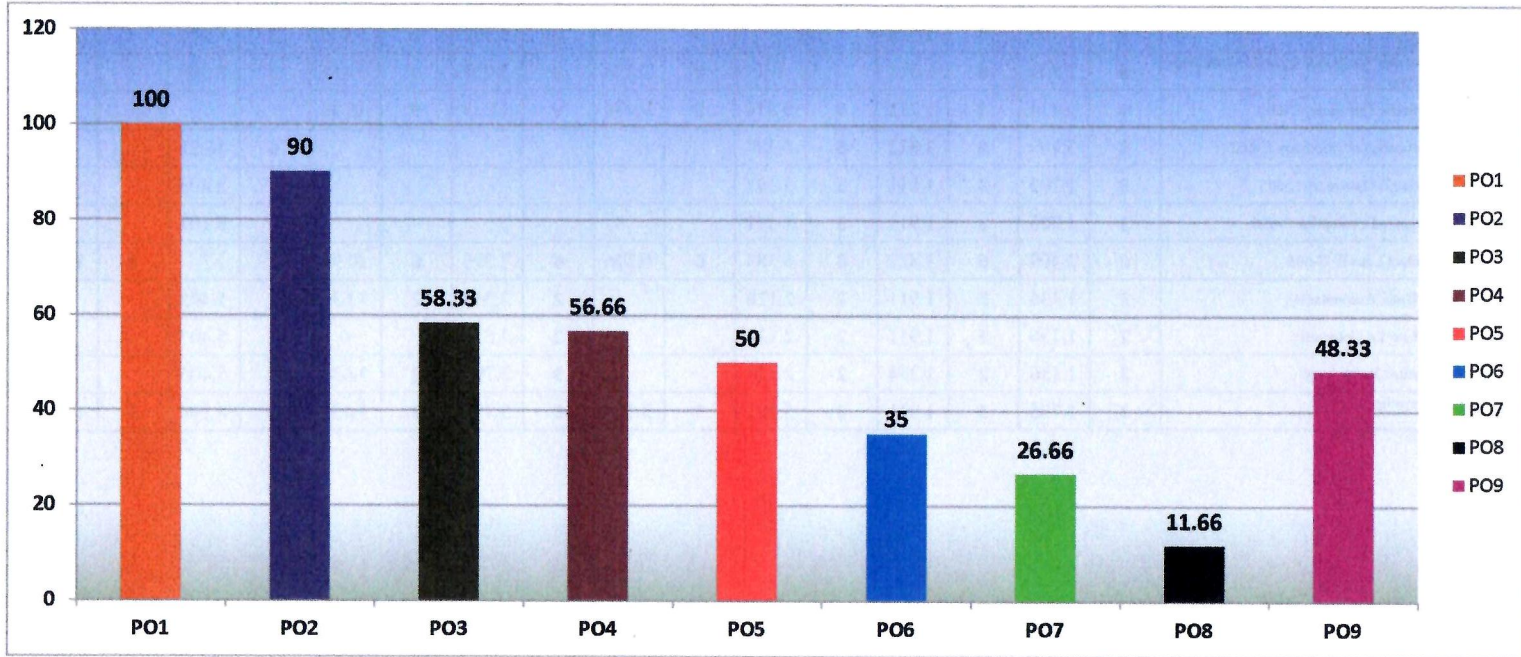
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## Contribution of Each PO in Curriculum of Bachelor of Optometry

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
100	90	58.33	56.66	50	35	26.66	11.66	48.33



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