



ARKA JAIN University
Jharkhand (Jamshedpur)

Recognized by **UGC**
Approved by **AICTE**

Scheme of Study of the Program
Bachelor of Optometry (B.Optom)
Semester I, II, III, IV, V, VI, VII & VIII
(w.e.f batch 2018)

SEMESTER-I

S.No	Name of the Subject	Credit	Contact Hours/Week	Total Marks	End Term Theory	End Term Theory/ Practical Exam	Mid Term Theory/ Practical Exam	CIA	Attendance
1	Anatomy	4	4	100	50	20	20	5	5
2	Physiology	4	5	100	50	20	20	5	5
3	Biochemistry	4	5	100	50	20	20	5	5
4	G.Optics	4	5	100	50	20	20	5	5
5	English	4	4	100	70	00	20	5	5
	Total	20	23	500	270	80	100	25	25

SEMESTER-II

S.No	Name of the Subject	Credit	Contact Hours/Week	Total Marks	End Term Theory	End Term Theory/ Practical Exam	Mid Term Theory/ Practical Exam	CIA	Attendance
1	Ocular Anatomy	3	4	100	50	20	20	5	5
2	Ocular Physiology	4	4	100	50	20	20	5	5
3	Ocular Biochemistry	2	2	100	50	20	20	5	5
4	Physical Optics	4	4	100	50	20	20	5	5
5	Geometrical Optics-2	3	3	100	50	20	20	5	5
6	Basics of Computer	2	2	100		70	20	5	5
7	Clinical Optometry-1	3	4	100		70	20	5	5
	Total	21	23	700	250	240	140	35	35

SEMESTER-III

S.No	Name of the Subject	Credit	Contact Hours/Week	Total Marks	End Term Theory	End Term Theory/ Practical Exam	Mid Term Theory/ Practical Exam	CIA	Attendance
1	Ocular Microbiology	1	1	100	50	20	20	5	5
2	Visual Optics-1	2	2	100	50	20	20	5	5
3	Optometric Optics-1	3	2	100	50	20	20	5	5

4	Optometric Instruments	3	3	100	50	20	20	5	5
5	Ocular disease-1	3	3	100	50	20	20	5	5
6	Clinical examination of Visual system	2	2	100	50	20	20	5	5
7	Indian Medicine and Telemedicine	1	1	100	70		20	5	5
8	Clinical Optometry-2	3	4	100		70	20	5	5
	Total	18	18	800	370	190	160	40	40

SEMESTER-IV

S.No	Name of the Subject	Credit	Contact Hours/Week	Total Marks	End Term Theory	End Term Theory/ Practical Exam	Mid Term Theory/ Practical Exam	CIA	Attendance
1	Optometric Optics-2 & Dispensing Optics	3	3	100	50	20	20	5	5
2	Visual Optics-2	2	2	100	50	20	20	5	5
3	Ocular disease-2 & Glaucoma	3	3	100	50	20	20	5	5
4	Pathology	1	1	100	50	20	20	5	5
5	Basic & Ocular Pharmacology	3	3	100	50	20	20	5	5
6	Introduction to Quality & Patient safety	2	2	100	50	20	20	5	5
7	Medical Psychology	1	1	100	70		20	5	5
8	Clinical Optometry-3	3	4	100		70	20	5	5
	Total	18	19	800	370	190	160	40	40

SEMESTER V

S.No	Name of the Subject	Credit	Contact Hours/Week	Total Marks	End Term Theory	End Term Theory/ Practical Exam	Mid Term Theory/ Practical Exam	CIA	Attendance
1	Contact Lens-1	3	3	100	50	20	20	5	5
2	Low Vision Care	3	2	100	50	20	20	5	5
3	Geriatric Optometry & Pediatric Optometry	3	3	100	50	20	20	5	5
4	Binocular Vision-1	3	3	100	50	20	20	5	5
5	Systemic Disease	3	3	100	70		20	5	5

6	Research Methodology & Biostatistics	2	2	100	70		20	5	5
7	Clinical Optometry-4	3	4	100		70	20	5	5
	Total	20	20	700	340	150	140	35	35

SEMESTER VI

S.No	Name of the Subject	Credit	Contact Hours/ Week	Total Marks	End Term Theory	End Term Theory/ Practical Exam	Mid Term Theory/ Practical Exam	CIA	Attendance
1	Contact lens-2	3	3	100	50	20	20	5	5
2	Binocular vision-2	3	3	100	50	20	20	5	5
3	Public health & Community Optometry	2	2	100	70		20	5	5
4	Practice management	1	1	100	70		20	5	5
5	Occupational Optometry	1	1	100	70		20	5	5
6	Medical Law & Ethics	1	1	100	70		20	5	5
7	Research project-1	2	2	100	70		20	5	5
8	Clinical Optometry-5	3	4	100		70	20	5	5
	Total	16	17	800	450	110	160	40	40

Semester VII & VIII

S.No	Name of the Subject	Credit	Contact Hours/ Week	Total Marks	End Term Theory	End Term Theory/ Practical Exam	Mid Term Theory/ Practical Exam	CIA	Attendance
1	Internship-7	4	Posting	100	50	30		10	10
2	Internship-8	4	Posting	100	50	30		10	10
3	Research Project-2	4	Posting	100					
4	Research Project-3	4	Posting	100					
	Total	16	As per Centre	400	100	60		20	20

Note:-Clinical Postings can be encouraged on Saturday.

***Research Project -2 and 3 will be assessed separately.**

Note: Approved by BOS on dated 23.04.2018 & Approved by Academic Council on Dated 01.05.2018