

**Amity Medical School
Amity University Haryana
11th March 2015**

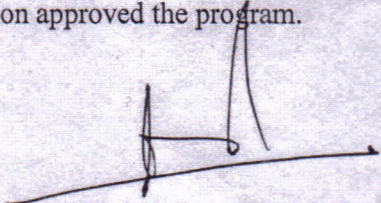
A meeting of Board of Studies for Faculty of Health & Allied Sciences was held on 11th March 2015 (Wednesday) at 11.30 AM in HOI office, third floor, A Block, Amity University Haryana.

Following Members were present:

1. Maj Gen (Dr) Mahavir Singh Chairperson, Head of Institute, Amity Medical School
2. Dr B. S. Deswal External Member Prof. & Head, Dept. of Community Medicine, SGT University, Gurugram
3. Prof Monica Choudhry , Head , Department of Optometry, Amity Medical School
4. Dr Luxita Sharma , Head , Department of Dietetics and Applied Nutrition , Amity Medical School
5. Prof (Dr) H.K.Satia , Head , Department of Hospital Administration , Amity Medical School
6. Dr Puneeta Ajmera , Assistant Professor , Department of Hospital Administration , Amity Medical School

Minutes of Meeting of Board of Studies

- 1) Program structure and syllabi of PhD Dietetics and Applied Nutrition (Part-time) and (Full-time) , PhD in Optometry Part-time) and (Full-time) courses for the academic year 2015-16 were also presented before the Board for approval. The course code was allotted was also approved. The Board after thorough discussion approved the program.


Maj Gen (Dr) Mahavir Singh Chairperson
Dean Faculty of Health & Allied Sciences
Head of Institute , Amity Medical School

SYLLABUS - OPTOMETRY & VISION SCIENCE

OPTOMETRY AND VISION SCIENCE

Course Code: OPT5002

Credit Units: 04

Course Contents:

Module-I: Visual impairment and epidemiology, Definitions, Magnitude, blindness, low vision, visual impairment, sources of data , recent surveys , prevalence surveys and its limitations, incidence of blindness, causes of blindness, pattern distribution of blindness, magnitude of global blindness, Vision 2020 program.

Module-II: Properties of Ophthalmic Lenses

Refractive index; Specific gravity; Reflectance; U-V absorption; Abbe Number, Impact resistance, Monochromatic Aberration, Anti reflection coating; anti reflection coating; antiglare (Polarized Lenses), hydrophobic and scratch resistance coating.

Module-III: Case control studies, cohort studies, genetics and epidemiology related to optometry.

Module-IV: Principles of Ophthalmic Instruments

Retinoscope, Ophthalmoscope, Keratometer, Slit Lamp, Lensometer, Telescope & Magnifiers.

Module-V: Specific issues in ophthalmology: evaluation of cataract programs, Refractive error and Presbyopia, Low vision, Glaucoma, Diabetic retinopathy, ARMD and Visual impairment in children.

Examination Scheme:

Assignment	Presentation	Attendance	End Term Examination	Total
10	15	5	70	100

Text and References:

- The Epidemiology of Eye Disease (3rd Edition) 3ed Edition by Gordon J. Johnson (Author, Editor), Darwin C. Minassian (Editor), Robert A. Weale (Editor), Sheila K. West (Editor)

References:

- The Epidemiology of Eye Disease. GJ Johnson, DC Minassian, R Wale. Edward Arnold. UK:
- The Eye Book: Eyes and Eye Problems Explained by Jan Grierson
- Community Eye Health Journal