



D. Y. Patil University

SYLLABUS OF MD DERMATOLOGY, VENEREOLOGY & LEPROSY

1) Unit headed by- Professor/Associate Professor

With 1 Senior Lecturer/Assistant or Associate Professor

2) Residents- At least 3

JR – III = 1

JR – II = 1

JR – I = 1

3) Additional stuff-

Nursing staff – OPD = 1

Ward boys – OPD = 2

Technical staff = 1

Clerk = 1

4) Indoor bed strength:

First Unit: 10 – 15

Second Unit: 15 – 20

5) Sufficient Patient turnover:

OPD – 100 patients per day

Indoor – 70 % occupancy rate

6) Equipments and Instruments:

- Electrocautery
- Dermabrasion
- Cryotherapy
- Skin biopsy punches
- Curette
- Skin grafting instrument
- Microscope
- Digital camera
- Wood's lamp



- Cupboard
- Blackboard
- Computer
- Refrigerator
- Projector
- Liquid Nitrogen – Cryogun, Cryocan
- Radio Frequency Machine
- Puva Chamber - NB UVA
- Microdermabrader
- Glycolic Acid chemical peels

7) Library (Dept. and Central)

Text Books

Rook's text book of dermatology

IADVL Text book / Atlas of Dermatology ---- R.G.Valia

Fitzpatrick's Dermatology in General Medicine

Text Book of Paediatric Dermatology - Harper

Text Book of Paediatric Dermatology – Schachner and Hansen

Paediatric Dermatology -- Cohen

Sexually Transmitted Infections --- Kumar and Gupta

Text Book of Dermatology --- D M Thapa

Text Book of Dermatology --- Pillsbury , Moschella

Diseases of the Skin --- Andrews

All about Leprosy ---- Prasad

Leprosy ---- Dharmendra

Handbook of Leprosy ---- Jopling

Histopathology of skin --- Lever – Elder

Text Book of Dermatosurgery & Cosmetology --- Satish Savant

Principles & Practice of Cosmetic Dermatology – Leslie Baumann



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Reference Books

Comprehensive Dermatologic Drug Therapy --- Stephen Wolverton
Fundamentals of Pathology of Hair ---- V. Mysore
Leprosy --- Pfaltzgraft & Bryceson
Skin signs of Systemic disease --- Braverman
Advanced Dermatologic Therapy --- Shelly
Fischer's Contact Dermatitis ---- Rietschel

Journals

Indian Journal of Dermatology, Venereology & Leprosy
International Journal of Dermatology
Archives of Dermatology
British Journal of Dermatology
Acta Dermatologica
Cutis
British Journal of Venereal Diseases
Leprosy Review
Indian Journal of Leprosy
Journal of the American Academy of Dermatology
Journal of Paediatric Dermatology

8) Medical Records Section

9) Period of course

--- Diploma: 2 years

--- Degree: 3 years

10) SYLLABUS: (THEORY)

1. SKIN

Anatomy & Functions of the skin
Diagnosis & Epidemiology of skin disease
Histopathology of skin -- General Principles
Molecular Biology



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Chemical Immunology & Allergy

Genetics & Genodermatosis

Nevi, Pruritus, Prurigo, Eczema

Occupational Dermatitis

Cutaneous Photobiology

Viral Infections

Bacterial Infections

Mycobacterial Infections

Treponematoses, Mycology, Parasitic worms & Protozoa, Diseases caused by Arthropods

Disorders of Keratinizations

Psoriasis, Skin Cancers, Tumour of Hair appendages, Disorders of skin colour, Blistering diseases, Immunobullous diseases, Lichen planus, Disorders of sebaceous glands, Disorders of Sweat glands, Disorders of Connective tissue, Rosacea, Urticaria, Purpura, Vasculitis, Histiocytosis, Metabolic & Nutritional disorders, Sarcoidosis, Skin in systemic disease.

Psychocutaneous disorders, Disorder of nail, hair, Systemic Therapy, Principles of Topical Therapy, Drug Reactions, Radiotherapy

2. LEPROSY

Epidemiology, Bacterial & Pathology, Clinical Aspects, Classification, Diagnostic Tests, Immunology & Immunotherapy, Leprosy Reactions.

General Management, Chemotherapy, Multi drug Therapy, Management of Leprosy Reaction, Disabilities & then Prevention, Control of Leprosy, Differential Diagnosis.



3. SEXUALLY TRANSMITTED DISEASES

Anatomy of male & female genital tract

Bacterial, Viral, Fungal, Protozoal sexually transmitted infections, Syndromic approach to management.

Human Sexuality, Sexual Orientation & related disorders .

4. HIV / AIDS

Biology of virus, Classification, Mucocutaneous Manifestations, STDS in HIV infected patients,

Laboratory Diagnosis, AntiRetroViral Therapy, Councelling, Post - Exposure Prophylaxis, Legal Aspects of HIV

5. COSMETIC DERMATOLOGY & DERMATOSURGERY

Basic Principles of Dermatosurgery

Skin Biopsy, Intralesional Therapy, Cryosurgery, Skin Grafting, Scar revision, Dermabrasion, Nail surgery, Hair restoration, Radiosurgery, Vitiligo surgery, Acne surgery.

Lasers --- Basics, Hair removal, Laser treatment of Pigmented & Vascular lesions

Cosmoceuticals, Facials, House hold cosmetics, Cosmetology of hair, Cosmetic camouflage,

Dermal fillers, Botulinum Toxin, Micro-Dermabrasion, Electroepilation, Iontophoresis, Treatment of Cellulite.

Complications in Dermatosurgery & their Management.



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UNIVERSITY EXAMINATIONS

THEORY EXAMINATION: Each paper 100 Marks

Duration: 3 HRS

	Sections with marks
Paper I	Basic science in relation to Dermatology, Venereology, Leprosy, Cosmetology, Dermatosurgery and HIV/AIDS 10 questions of 10 marks each. Total = 100 marks
Paper II	Skin diseases, Dermatotherapeutics, Cosmetology and Dermatosurgery 10 questions of 10 marks each Total = 100 marks
Paper III	HIV/AIDS, Venereology and leprosy STD – Leprosy-HIV/AIDS 10 questions of 10 marks each Total = 100 marks
Paper IV	Recent advances - 50 marks Skin in systemic diseases - 50 marks 10 questions of 10 marks each Total = 100 marks
	TOTAL THEORY = 400

Minimum passing marks in each head 40% and aggregate: 50% in all papers

PRACTICAL EXAMINATION :

1. One Long Case ---- Marks ---- 80
2. Two Short Cases --- Marks ----- 70 (35 Each)
3. Ten Spot Cases ---- Marks ----- 100 (10 Each)
4. Five Histopath slides & Spots --- 50 (10 Each)
5. VIVA ----- 100

TOTAL ----- 400 Marks

Minimum Passing Marks ----- 50 % Each in Clinical & Viva