



**BLDE (Deemed to be University)**  
Declared as (Deemed to be University) u/s 3 of UGC Act, 1956  
**The Constituent College**  
**SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL AND RESEARCH CENTRE**  
**POST GRADUATE DERMATOLOGY**

At the end of the course in Dermatology, Venereology and Leprosy, the student should demonstrate the following knowledge and skills to accomplish above mentioned goals.

**A. Knowledge (Cognitive domain)**

1. Understanding of relevant basic sciences (Anatomy, Physiology, Biochemistry, Microbiology, Pathology and Pharmacology)
2. Describe structure, functions and development of human skin.
3. Describe ultrastructural aspects of epidermis, epidermal appendages, dermoepidermal junction, dermis, and sub-cutis.
4. Describe basic pathologic patterns and reactions of skin.
5. In depth knowledge of history, epidemiology, etiology, pathogenesis, histopathology, differential diagnosis, general principles of diagnosis and management, control and prevention of dermatological conditions including leprosy, sexually transmitted infections and malignancies in adults and children
6. Pharmacology of topical preparations and systemic drugs used in Dermatology, Venereology and Leprosy
7. Various therapeutic options (both medical and surgical) available for a given disease and selection of appropriate therapy after discussing the same with patients and / or their relatives while considering the socio-economic, environmental and emotional determinants
8. Acquire knowledge of the basics of laser operation and precautions which needs to be taken.
9. Recognition of skin signs of systemic diseases and referring the patients to proper specialists
10. Knowledge of information technology tools, and research methods and techniques

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### **B. Skills (Psychomotor domain)**

1. Elicitation of relevant and correct clinical history and presenting it in a chronological order.
2. Complete clinical examination and demonstration of diagnostic clinical signs or tests that will help in arriving at the correct diagnosis of dermatoses and emergencies.
3. Write a complete case record with meaningful progress notes, a proper discharge summary with relevant details, and an appropriate referral note to other specialists or secondary or tertiary health care centers.
4. Informing efficiently and quickly, the relevant details of an emergency case to seniors or other specialists.
5. Simple slide laboratory procedures or tests that are necessary to make bedside diagnosis.
6. Appropriate and judicious use of laboratory tests to confirm the diagnosis.
7. Be able to plan and deliver comprehensive treatment for diseases using principles of rational drug therapy.
8. Be able to plan and advise measures for the prevention of infectious disease.
9. Be able to plan rehabilitation of patient suffering from chronic illness and disability and those with special needs like leprosy.
10. Be able to analyze and interpret histopathology slides.
11. Method of application of various topical preparations and compresses used in the treatment of common dermatoses.
12. Fluid and electrolyte replacement therapy, and blood transfusion.
13. Emergency procedures like, securing airway (intubation), intravenous access (IV canula/ Venesection/ Central line), Basic and advanced life support.
14. Clinical and laboratory monitoring of patients for progression of disease, response to therapy and adverse effects of therapy.

Common dermatosurgical, laser and cosmetic dermatological procedures

### **C. Human values, Ethical practice and Communication skills (Affective domain)**

1. Delivery of health care irrespective of socio-economic status, race, religion or caste of the patient
2. Practice of ethical principles in all aspects of his/ her profession
3. Preservation of professional dignity, honesty and integrity
4. To exercise empathy towards patients and their relatives, and behave in front of them appropriately
5. Follow high moral and ethical standards while carrying out research on humans or animals
6. Develop communication skills to convince the patients and/ or their relatives regarding the prognosis of the disease, available treatment options, and their outcome
7. Communicate efficiently about a bad news to the patient or family members
8. Listen and respond patiently to all the queries of patients regarding the disease and its management
9. Respect the rights and privileges of patients including right to information and right to seek second opinion
10. Be humble enough to accept the limitations of one's knowledge and skills, and ask for help from colleagues when needed
11. Develop leadership qualities to provide congenial working environment and get the best out of team



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