



**RAMAIAH
UNIVERSITY**
OF APPLIED SCIENCES

M.S. Ramaiah University of Applied Sciences

Programme Structure and Course Details

Of

MD Dermatology 2022 onwards

M.S. Ramaiah University of Applied Sciences

Ramaiah Medical College

Govind
Registrar

M.S. Ramaiah University of Applied Sciences
Bangalore - 560 054

Shalini

Principal and Dean

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Meetha Rao
Dean - Academics

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**RAMAIAH
UNIVERSITY**
OF APPLIED SCIENCES

M.S. Ramaiah University of Applied Sciences

Programme Specifications

MD Dermatology Programme 2022 onwards

Programme Code: MD140

M.S. Ramaiah University of Applied Sciences

Ramaiah Medical College

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University's Vision, Mission and Objectives

The M. S. Ramaiah University of Applied Sciences (MSRUAS) will focus on student-centric professional education and motivates its staff and students to contribute significantly to the growth of technology, science, economy and society through their imaginative, creative and innovative pursuits. Hence, the University has articulated the following vision and objectives.

Vision

MSRUAS aspires to be the premier university of choice in Asia for student centric professional education and services with a strong focus on applied research whilst maintaining the highest academic and ethical standards in a creative and innovative environment

Mission

Our purpose is the creation and dissemination of knowledge. We are committed to creativity, innovation and excellence in our teaching and research. We value integrity, quality and teamwork in all our endeavors. We inspire critical thinking, personal development and a passion for lifelong learning. We serve the technical, scientific and economic needs of our Society.

Objectives

1. To disseminate knowledge and skills through instructions, teaching, training, seminars, workshops and symposia in Engineering and Technology, Art and Design, Management and Commerce, Health and Allied Sciences, Physical and Life Sciences, Arts, Humanities and Social Sciences to equip students and scholars to meet the needs of industries, business and society
2. To generate knowledge through research in Engineering and Technology, Art and Design, Management and Commerce, Health and Allied Sciences, Physical and Life Sciences, Arts, Humanities and Social Sciences to meet the challenges that arise in industry, business and society
3. To promote health, human well-being and provide holistic healthcare
4. To provide technical and scientific solutions to real life problems posed by industry, business and society in Engineering and Technology, Art and Design, Management and Commerce, Health and Allied Sciences, Physical and Life Sciences, Arts, Humanities and Social Sciences
5. To instill the spirit of entrepreneurship in our youth to help create more career opportunities in the society by incubating and nurturing technology product ideas and supporting technology backed business
6. To identify and nurture leadership skills in students and help in the development of our future leaders to enrich the society we live in
7. To develop partnership with universities, industries, businesses, research establishments, NGOs, international organizations, governmental organizations in India and abroad to enrich the experiences of faculties and students through research and developmental programme

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Programme Specifications: MD Dermatology, Venereology, Leprosy

Faculty	Ramaiah Medical College
Department	Dermatology
Programme	MD –Dermatology, Venereology, Leprosy
Programme Code	MD140
Dean of Faculty	Dr Shalini C Nooyi
Head of the Department	Dr TK Sumathy

1. **Title of the Award:** MD in Dermatology.
2. **Mode of Study:** Full-Time
3. **Awarding Institution /Body:** M. S. Ramaiah University of Applied Sciences, Bengaluru
4. **Joint Award:** Not Applicable
5. **Teaching Institution:** Ramaiah Medical College
6. **Date of Programme Specifications:** September 2022.
7. **Date of Programme approval by the academic Council of MSRUAS :** 27th September 2022
8. **Programme Approving Regulating Body and Date of Approval:** National Medical Council of India
9. **Rationale for the Programme**

The purpose of PG education is to create specialists who would provide high quality health care and advance the cause of science through research & training. In this regard the department of Dermatology aims to train the postgraduates as per the guidelines of National Medical Commission. A post graduate specialist having undergone the required training should be able to recognize the health needs of community, should be competent to handle effectively the medical problems and aware of recent advances pertaining to the discipline. The PG student should acquire basic skills in teaching medical/para-medical students. The student should be able to counsel patients and relatives in infectious diseases like HIV/AIDS, STDs, cutaneous tuberculosis, leprosy and any event of serious illness or death.



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Programme objectives (PO) for MD DVL Postgraduate students

- PO1.** Acquire the knowledge, skills and attitude to be a competent dermatologist (C, P).
- PO2.** Committed to continuous professional development with integrity, compassion and sensitivity to patient care. (A)
- PO3.** Acquire and develop the knowledge, skills and attitude required to be a competent and ethical researcher and teacher. (A, C, P)
- PO4.** Be able to independently diagnose, manage the common dermatological disorders, timely referral of complicated cases and perform basic dermatologic procedures with a reasonable degree of professionalism and competence. (A, C, P)

Programme specific outcome (PSO) for MD DVL Postgraduate students

- PSO1** – Know in detail about basics of Dermatology, Sexually Transmitted Diseases and Leprosy including recent advances
- PSO2-** Diagnose, critically evaluate, and order relevant investigations and initiate proper treatment of common dermatological disorders including dermatological emergencies
- PSO3** – Perform all side lab procedures and able to interpret histology of common dermatological disorders
- PSO4-** Independently diagnose complicated cases and manage them with timely referral to higher centre including patients in ICU care
- PSO5** - Acquire training skills in research methodology, professionalism, attitude and Communication
- PSO6** – Ensure the implementation of National Health Programmes, particularly leprosy and sexually transmitted diseases (STD) including HIV
- PSO7-** Recognise continuing educational needs and update their knowledge regarding recent advances and developments in Dermatology
- PSO8-** Teach students effectively by using appropriate learning resources and techniques and take their feed back
- PSO9-** Perform common dermatological procedures like skin biopsy, electro surgical procedures, cryosurgery, dermatosurgical procedures and cosmetology procedures including LASERs.

Note: A- Affective Domain, C- Cognitive Domain & P- Psychomotor Domain:



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Course-PO-PSO Mapping

Course Code and name	Program Outcomes POs				Program Specific Outcomes PSOs								
	PO 1	PO 2	PO 3	PO 4	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9
MDC553A Basic Science as applied to Dermatology	3	3	3	3	3	3	2	3	2	2	3	3	2
MDC554A Dermatology	3	3	3	3	3	3	3	2	3	2	3	3	3
MDC555A STD & Leprosy	3	3	3	3	3	3	2	2	3	2	3	3	3
MDC556A Recent advances in field of Dermatology	3	3	3	3	3	3	2	3	3	2	3	3	2
MDP514A Thesis-Dermatology	3	3	3	2	2	3	2	2	3	2	3	3	2



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10. Regulations:**(A) Attendance, Progress and Conduct**

1. A candidate pursuing degree course should work in the concerned department of the institution for the full period as a full time student. No candidate is permitted to run or work in clinic/laboratory/nursing home while studying postgraduate course. No candidate shall join any other course of study or appear for any other examination conducted by this university or any other university in India or abroad during the period of study.
2. Each term shall be taken as a unit for the purpose of calculating attendance. Attendance of 80% every term is mandatory for appearing in the final university examination.
3. Every student shall attend symposia, seminars, conferences, journal review meetings, grand rounds, CPC, case presentation, clinics and lectures during each year as prescribed by the department and not absent himself / herself from work without valid reasons.
4. Every candidate is required to attend a minimum of 80% of the training during each academic term of the post graduate course. Provided further, leave of any kind shall not be counted as part of academic term without prejudice to minimum 80% attendance of training period every term.
5. Any student who fails to complete the course in the manner stated above shall not be permitted to appear for the University Examinations.

(B) Monitoring of progress of Studies

1. Work diary / Log Book - Every candidate shall maintain a work diary and record of his/her participation in the training programmes conducted by the department such as journal reviews, seminars, etc. as per the model checklists and logbook specimen copy.
2. Special mention may be made of the presentations by the candidate as well as details of clinical or planning procedures, if any conducted by the candidate. The work diary shall be scrutinized and certified by the Head of the Department and Head of the Institution, and presented in the university practical/clinical examination.
3. Procedure for defaulters: There will be a committee constituted by all teachers to review such situations. The defaulting candidate is counseled by the guide and head of the department. In extreme cases of default, the departmental committee may recommend that defaulting candidate will be withheld from appearing the examination, if she/he fails to fulfill the requirements in spite of being given adequate chances to set himself or herself right.



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11. Teaching Learning Methods:

This being a highly dedicated PG specialty introducing several new concepts/subjects in the course, it is recommended to divide the entire course into two components consisting of First Year of BASIC CONCEPTS OF THE SPECIALTY and the next two years of INTENSIVE CLINICAL TRAINING IN THE SPECIALTY.

Didactic lectures are of least importance; seminars, journal clubs, symposia, reviews, and guest lectures should get priority for acquiring theoretical knowledge. Bedside teaching, grand rounds, interactive group discussions and clinical demonstrations should be the hallmark of clinical/practical learning. Students should have hands-on training in performing various procedures and ability to interpret results of various tests/investigations.

Exposure to newer specialized diagnostic/therapeutic procedures should be given. Importance should be attached to ward rounds especially in conjunction with emergency admissions. Supervision of work in outpatient department should cover the whole range of work in the unit. It is particularly necessary to attend sub-specialty and symptom specific clinics. The development of independent skills is an important facet of postgraduate training. Joint meetings with physician colleagues, e.g. radiologists and pathologists play a valuable part in training.

The training techniques and approach should be based on principles of adult learning. It should provide opportunities initially for practicing skills in controlled or simulated situations. Repetitions would be necessary to become competent or proficient in a particular skill. The more realistic the learning situation, the more effective will be the learning.

Clinical training should include measures for assessing competence in skills being taught and providing feedback on progress towards a satisfactory standard of performance. Time must be available for academic work and audit. The following is a rough guideline to various teaching/learning activities that may be employed:

Intradepartmental and interdepartmental conferences related to case discussions.

1. Ward rounds along with emergency admissions.
2. Minimum of 5 cases to be presented by every post graduate student each year. They should be assessed using check lists and entries made in the log book.
3. External rotation postings in departments like Medicine to have exposure to Emergency medicine and Resuscitation.
4. Skills training.
5. Conferences, Seminars, Continuing Medical Education (CME) Programmes.



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6. Subject seminars, Journal Club, Histopathology and Tutorials.
7. Research Presentation and review of research work.
8. A postgraduate student would be required to present one poster presentation, to read one paper at a national/state conference and to present one research paper which should be published/accepted for publication/sent for publication during the period of his postgraduate studies so as to make him eligible to appear at the postgraduate degree examination.
9. Participation in workshops, conferences and presentation of papers etc.
10. Maintenance of records. Log books should be maintained to record the work done which shall be checked and assessed periodically by the faculty members imparting the training.
11. Postgraduate students shall be required to participate in the teaching and training programme of undergraduate students and interns.
12. Department should encourage e-learning activities

Innovative teaching learning practices

1. Theme based teaching learning activities
2. Focused discussion during journal club inculcates culture in the areas of research and publication
4. Faculty Lecture/Guest Lecture: Reinforces the learning capability of the student
5. One Minute Preceptors, Histopathology Quiz, Case Based Modules



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13. Assessment: It is essential to monitor the learning progress of each candidate through continuous appraisal and regular assessment. It not only also helps teachers to evaluate students, but also students to evaluate themselves. The monitoring will be done by the staff of the department based on participation of students in various teaching/learning activities.

FIRST YEAR		
	Theory	Practicals
FIRST SEMESTER	Basics of dermatopathology Leprosy Sexually transmitted infections and HIV	OSCE of Peripheral nerve examination
SECOND SEMESTER	Basics of dermatosurgery and cosmetology Theory assessment of topics based on IADVL Volume 1	clinical assessment : One long case and two short cases
SECOND YEAR		
THIRD SEMESTER	IADVL Volume 2. (First Half) Dermatology in general medicine	
FOURTH SEMESTER	IADVL Volume 2(second half) Theory assessment of topics based on IADVL Volume 2	clinical assessment : Spotters-05 Long case -01 Short cases-02
THIRD YEAR		
FIFTH SEMESTER	IADVL Volume 3(excluding STD and Leprosy)	
SIXTH SEMESTER	IADVL Vol 1, Vol 2, Vol 3 3 theory papers- 100 marks each	Long case-01 Short cases-02 (Leprosy & STD) Spotters-10 Histopathology slides OSCE

The above evaluation methods will be spread over one month. **Note: Corrective and Preventive**

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action (CAPA) will be done for all these assessments

Scheme of Examination:

A. Theory (Written Paper) 400 marks

There shall be four question papers, each of three hours duration. Each paper shall consist of 10 short essay questions each carrying 10 marks. Total marks for each paper will be 100. Questions on recent advances may be asked in any or all the papers. Details of distribution of topics for each paper will be as follows.

Name of the course	Course Code	Topics	Marks
Basic Science as applied to Dermatology	MDC553A	Applied Anatomy, Physiology, Biochemistry, Microbiology, Pathology and Pharmacology) pertaining to dermatology	100
Dermatology	MDC554A	Principles and Practice of all aspects of Dermatology.	100
STD & Leprosy	MDC555A	Principles and Practice of Leprosy and STD including HIV	100
Recent advances in field of Dermatology	MDC556A	Recent advances in the field of dermatology. Applied Sciences pertaining to skin /VD & internal medicine and skin	100
Thesis- Dermatology	MDP514A	Approval 6 months before examination.	



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A. Clinical:200marks

9 Spotters- 6 marks each

One long case of 70 marks and two short cases of 35 each.

B. Viva Voce: 100 marks**1)Viva-Voce Examination:(80Marks) ***

All examiners will conduct viva-voce conjointly on candidate's comprehension, analytical approach, expression and interpretation of data. It includes all components of course contents. During oral/viva voce examination, student should be evaluated for instruments, clinical problems, radiological and biochemical investigations, histopathology slides, drugs, X-rays etc

Pedagogy Exercise:(20Marks)

A topic is given to each candidate in the beginning of clinical examination. He/she is asked to make a presentation on the topic for 8-10 minutes.

C. Total Marks Distribution:

Maximum marks for M.D degree course	Theory	Practical	Viva	Grand Total
	400	200	100	700



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Annexures

Annexure 1_Overall course plan year-wise

Annexure 2_Sample of monthly schedules

Annexure 3_PG outside posting policy

Annexure 4_Logbook entry

Annexure 5_Students appraisal form



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Annexure 1

ACADEMIC PROGRAMME
(1st Year)
1st Jan 2022 to 31st Dec 2022

Name of the Department : Dermatology
Chairperson / HOD : Dr. T K Sumathy
Teaching Co-ordinator : Dr. K.N. Shivaswamy

A. **Attendance : 90%** (for all teaching programmes individually)

B. **Teaching schedule:**

Teaching Schedule

In addition to bedside teaching rounds daily, there should be daily hourly sessions of formal teaching per week

Seminar	Once a week (Thursday)
Journal club	Once a week (Tuesday)
Case discussion/ Spotters	Once a week (Friday)
Histopathology sessions	Once in 2 wks (Tuesday)
Tutorials/ SGD	Once a week (Monday/Wednesday)
One Minute Preceptors (OMP)	Daily in OPDs
Central session	
CPC with Pathology	Once a month
With Microbiology	Once in 3 months
With Radiology	Once in 3 months



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1) Seminar:

Time: Thursday 2.30 to 4.30 pm

Venue: Dept. Seminar Room

Sl. NO.	Date	Topic	Facilitator
06/01/2022	CPC- Interesting unusual cases of Hansen's disease	Dr. Deepashree	Dr. Deena Patil
06/01/2022	HIV I (Virology, Immuno pathology, Lab diagnosis)	Dr. Varsha	Dr. Praveen Kumar S
13/01/2022	HIV II (Mucocutaneous manifestations)	Dr. Prabhavathi	Dr. Suparna M Y
20/01/2022	HIV III (Systemic Manifestations)	Dr. Namitha	Dr. Deena Patil
27/01/2022	HIV IV (Anti retroviral therapy)	Dr. Deepashree	Dr. T K Sumathy
03/02/2022	CPC- Interesting cases of Hansen's cont...	Dr. Deepashree	Dr. Deena Patil
03/02/2022	HIV IV (Antiretroviral therapy)	Dr. Deepashree	Dr. T K Sumathy
10/02/2022	Cutaneous tuberculosis I	Dr. Girish	Dr. K N Shivaswamy
17/02/2022	Cutaneous Tuberculosis II	Dr. Varsha	Dr. Praveen Kumar S
24/02/2022	Leishmaniasis	Dr. Tanya	Dr. Suparna M Y
03/03/2022	CPC- Interesting cases	Dr. Girish	Dr. T K Sumathy
03/03/2022	Syphilis I	Dr. Varsha	Dr. Deena Patil
10/03/2022	Syphilis II	Dr. Deepashree	Dr. T K Sumathy
17/03/2022	Syphilis III	Dr. Girish	Dr. K N Shivaswamy
24/03/2022	Ocular and rheumatological manifestations of STIs	Dr. Varsha	Dr. Praveen Kumar S
31/03/2022	Exam questions	All	Dr. Suparna M Y
07/04/2022	CPC- Basics of Histopathology	Dr. Girish	Dr. K N Shivaswamy
07/04/2022	Anatomy of skin and appendages	Dr. Arusha	Dr. T K Sumathy
14/04/2022	HOLIDAY		
21/04/2022	Dermatologic therapy I	Dr. Deepashree	Dr. K N Shivaswamy

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28/04/2022	Dermatologic therapy II	Dr. Girish	Dr. Praveen Kumar S
05/05/2022	CPC- Basics of Histopathology	Dr. Girish	Dr. K N Shivaswamy
05/05/2022	Dermatologic therapy III	Dr. Varsha	Dr. Suparna M Y
12/05/2022	Keratins, keratinization & functions of skin	Dr. Aishwarya Dr. Anagha	Dr. Deena Patil
19/05/2022	Immunology of skin I	Dr. Bindu Dr. Poojitha	Dr. T K Sumathy
26/05/2022	Immunology of skin II	Dr. Raghavendra Dr. Arusha	Dr. K N Shivaswamy
02/06/2022	Immunology of skin II	Dr. Raghavendra Dr. Arusha	Dr. K N Shivaswamy
09/06/2022	Dermatologic therapy III	Dr. Varsha	Dr. Suparna M Y
16/06/2022	History taking and cutaneous examination in leprosy	Dr. Deepashree	Dr. Praveen Kumar S
23/06/2022	Nerve examination in leprosy	Dr. Girish	Dr. Deena Patil
30/09/2022	Exam questions	All	Dr. Deena Patil
07/07/2022	Introduction to major reaction patterns psoriasiform reaction pattern	Dr. Anagha & Dr. Aishwarya	Dr. Praveen Kumar S
07/07/2022	Principles of genetics in Dermatology	Dr. Varsha	Dr. T K Sumathy
14/07/2022	Principles of lasers and light including phototherapy	Dr. Poojitha & Dr. Arusha	Dr. K N Shivaswamy
21/07/2022	Principles of skin ageing	Dr. Raghavendra	Dr. Praveen Kumar S
28/07/2022	Nutritional Dermatoses I	Dr. Aishwarya	Dr. Suparna M Y
04/08/2022	CPC- Lichenoid and eczematous reaction pattern	Dr. Varsha Dr. Arusha	Dr. Suparna M Y
04/08/2022	Nutritional Dermatoses II	Dr. Anagha	Dr. Deena Patil
11/08/2022	Principles of skin ageing	Dr. Raghavendra	Dr. Praveen Kumar S
18/08/2022	Preparation for BDS presentation	All	
25/08/2022	Melanogenesis genetic hyperpigmentary disorders	Dr. Bindu Dr. Deepashree	Dr. T K Sumathy
01/09/2022	CPC- Lichenoid and eczematous reaction patterns cont.....	Dr. Varsha Dr. Arusha	Dr. Suparna M Y
01/09/2022	Acquired hyperpigmentary disorders	Dr. Aishwarya	Dr. K N Shivaswamy
08/09/2022	HOLIDAY		
15/09/2022	Genetic hypopigmentary disorder I	Dr. Poojitha	Dr. Praveen Kumar S

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22/09/2022	Genetic hypopigmentary disorder II	Dr. Arusha	Dr. Suparna M Y
29/09/2022	Acquired hypopigmentary disorders	Dr. Girish	Dr. Deena Patil
06/10/2022	CPC- Vesicobullous disorders	Dr. Deepashree Dr. Raghavendra	Dr. Deena Patil
06/10/2022	Lupus erythematosus I DLE, SCLE, & clinical features and management	Dr. Bindu Dr. Varsha	Dr. T K Sumathy
13/10/2022	Preparation for BDS presentation		
20/10/2022	Lupus erythematosus II SLE clinical features and management	Dr. Anangha Dr. Girish	Dr. K N Shivaswamy
27/10/2022	Fever with rash in adults	Dr. Deepashree	Dr. Praveen Kumar S
03/11/2022	CPC-Granulomatous reaction pattern I tuberculosis and sarcoidosis	Dr. Girish Dr. Poojitha	Dr. K N Shivaswamy
03/11/2022	Scleroderma Aetiopathogenesis Clinical features and management of scleroderma	Dr. Arusha Dr. Varsha	Dr. Suparna M Y
10/11/2022	Neutrophilic dermatoses I	Dr. Aishwarya	Dr. Deena Patil
17/11/2022	Dermatomyositis and MCTD Aetiopathogenesis Clinical features and management	Dr. Raghavendra Dr. Girish	Dr. K N Shivaswamy
24/11/2022	Neutrophilic dermatoses II	Dr. Poojitha	Dr. T K Sumathy
15/12/2022	CPC Pauci-bacillary Hansen's disease indeterminate TT, BT	Dr. Bindu Dr. Aishwarya	Dr. Praveen Kumar S
01/12/2022	Gonorrhoea NGU	Dr. Anangha Dr. Arusha	Dr. Praveen Kumar S
08/12/2022	Chancroid Donovanosis	Dr. Bindu Dr. Raghavendra	Dr. Suparna M Y
15/12/2022	LGV	Dr. Aishwarya	Dr. Deena Patil
22/12/2022	Herpes genitalis Syndromic approach	Dr. Raghavendra Dr. Arusha	Dr. T K Sumathy
29/12/2022	Non venereal treponematoses	Dr. Poojitha	Dr. K N Shivaswamy



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1) Journal club:

Time: Tuesdays 2.30 to 4.30 pm

Venue: Dept. Seminar Room

Sl. NO.	Date	Topic	Facilitator
04/01/2022	JC	Dr. Tanya	Dr. K N Shivaswamy
18/01/2022	JC	Dr. Girish	Dr. Praveen Kumar S
01/02/2022	JC	Dr. Varsha	Dr. Suparna M Y
15/02/2022	JC	Dr. Prabhavathi	Dr. Deena Patil
08/03/2022	JC	Dr. Girish	Dr. T K Sumathy
22/03/2022	JC	Dr. Deepashree	Dr. K N Shivaswamy
05/04/2022	JC	Dr. Varsha	Dr. Praveen Kumar S
19/04/2022	JC	Dr. Girish	Dr. Suparna M Y
10/05/2022	JC	Dr. Deepa	Dr. Deena Patil
24/05/2022	JC	Dr. Girish	Dr. T K Sumathy
07/06/2022	JC	Dr. Deepashree	Dr. K N Shivaswamy
21/06/2022	JC	Dr. Varsha	Dr. Praveen Kumar S
05/07/2022	JC	Dr. Girish Dr. Bindu	Dr. Suparna M Y
19/07/2022	JC	Dr. Deepashree Dr. Anagha	Dr. Deena Patil
02/08/2022	JC	Dr. Aishwarya Dr. Poojitha	Dr. T K Sumathy
16/08/2022	JC	Dr. Varsha Dr. Girish	Dr. K N Shivaswamy
06/09/2022	JC	Dr. Raghavendra Dr. Varsha	Dr. Praveen Kumar S
20/09/2022	JC	Dr. Deepashree Dr. Anagha	Dr. Suparna M Y

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11/10/2022	JC	Dr. Varsha Dr. Girish	Dr. T K Sumathy
25/10/2022	JC	Dr. Bindu Dr. Aishwarya	Dr. K N Shivaswamy
08/11/2022	JC Benign skin tumours	Dr. Deepashree Dr. Anagha	Dr. Praveen Kumar S
22/11/2022	JC	Dr. Raghavendra Dr. Anagha	Dr. Suparna M Y
06/12/2022	JC	Dr. Girish Dr. Anagha	Dr. T K Sumathy
20/12/2022	JC	Dr. Poojitha Dr. Bindu	Dr. Deena Patil

2) Case/Spotter presentation (Friday): (topics will be allotted every week)

Time: **9am to 10.00 am**
Venue: **Dept. Seminar Room**

3) Any other teaching programme: Histopathology

Time: **Alternate Tuesdays (II & IV) 2.30 to 4.30 pm**
Venue: **Seminar Room**

Sl. NO.	Date	Topic	Facilitator	Remarks
11/01/2022	JC & HPE	All	Dr. Deena Patil	
25/01/2022	JC & HPE	All	Dr. T K Sumathy	
08/02/2022	JC & HPE	All	Dr. K N Shivaswamy	
22/02/2022	JC & HPE	All	Dr. Praveen Kumar S	
15/03/2022	JC & HPE	All	Dr. Suparna M Y	
29/03/2022	JC & HPE	All	Dr. Deena Patil	



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12/04/2022	JC & HPE	All	Dr. Deena Patil	
26/04/2022	JC & HPE	All	Dr. T K Sumathy	
17/05/2022	JC & HPE (lichen planus & variant planus)	All	Dr. K N Shivaswamy	
31/05/2022	JC & HPE (PLE, SLE)	All	Dr. Praveen Kumar S	
14/06/2022	JC & HPE	All	Dr. T K Sumathy	
28/06/2022	JC & HPE	All	Dr. Suparna M Y	
12/07/2022	JC & HPE	All	Dr. Deena Patil	
26/07/2022	JC & HPE	All	Dr. K N Shivaswamy	
09/08/2022	JC & HPE (BB, BL, LL)	All	Dr. Praveen Kumar S	
23/08/2022	JC & HPE (Reactions, Histoid Hansen's & pure neuritic leprosy)	All	Dr. Suparna M Y	
13/09/2022	HPE & JC (Lupus vulgaris, TBVC, Scrofuloderma)	All	Dr. Deena Patil	
27/09/2022	HPE & JC (Other granulomatous disorders, sarcoidosis granuloma	All	Dr. T K Sumathy	



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	annulare)			
18/10/2022	JC & HPE Benign skin tumours	All	Dr. K N Shivaswamy	
15/11/2022	JC & HPE	All	Dr. Praveen Kumar S	
29/11/2022	JC & HPE Malignant skin tumours	All	Dr. Deena Patil	
13/12/2022	JC & HPE(Panniculitis)	All	Dr. Suparna M Y	
27/12/2022	JC & HPE(Normal skin and appendages)	All	Dr. T K Sumathy	

4) Tutorials:

Time: Once a month on **Monday/Wednesday 2.30 to 4.30 pm**
Venue: **Seminar Room**

Sl. No		Faculty in charge
07/01/2022	Spotters/Case discussion	Dr. K N Shivaswamy
14/01/2022	Spotters/Case discussion	Dr. Suparna M Y
21/01/2022	Spotters/Case discussion	Dr. Deena Patil
28/01/2022	Spotters/Case discussion	Dr. T K Sumathy
04/02/2022	Spotters/case discussion	Dr. K N Shivaswamy
11/02/2022	Spotters/case discussion	Dr. Praveen Kumar S
18/02/2022	Spotters/case discussion	Dr. Suparna M Y
25/02/2022	Spotters/case discussion	Dr. Deena Patil
04/03/2022	Spotters/case discussion	Dr. Deena Patil
11/03/2022	Spotters/case discussion	Dr. T K Sumathy
18/03/2022	Spotters/case discussion	Dr. K N Shivaswamy
25/03/2022	Spotters/case discussion	Dr. Praveen Kumar S
01/04/2022	Spotters/case discussion	Dr. K N Shivaswamy
08/04/2022	Spotters/case discussion	Dr. Praveen Kumar S
22/04/2022	Spotters/case discussion	Dr. Suparna M Y

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29/04/2022	Spotters/case discussion	Dr. Deena Patil
06/05/2022	Spotters/case discussion	Dr. T K Sumathy
13/05/2022	Spotters/case discussion	Dr. K N Shivaswamy
20/05/2022	PG Practical Exam	
27/04/2022	Spotters/case discussion	Dr. Praveen Kumar S
03/06/2022	Theory Internals (Final Year)	
10/06/2022	Spotters/case discussion	Dr. Deena Patil
17/06/2022	Spotters/case discussion	Dr. T K Sumathy
24/06/2022	Spotters/case discussion	Dr. K N Shivaswamy
01/07/2022	Spotters/case discussion	Dr. Praveen Kumar S
08/07/2022	Spotters/case discussion	Dr. Suparna M Y
15/07/2022	Spotters/case discussion	Dr. Deena Patil
22/07/2022	Spotters/case discussion	Dr. T K Sumathy
29/07/2022	Guest lecture	Dr. A L Shyam Prasad
05/08/2022	Holiday	
12/08/2022	Spotters/case discussion	Dr. K N Shivaswamy
19/08/2022	Spotters/case discussion	Dr. Praveen Kumar S
26/08/2022	Spotters/case discussion	Dr. T K Sumathy
02/09/2022	Spotters/Case discussion	Dr. Suparna M Y
09/09/2022	Spotters/Case discussion	Dr. Deena Patil
16/09/2022	Spotters/Case discussion	Dr. T K Sumathy
23/09/2022	Spotters/Case discussion	Dr. K N Shivaswamy
30/09/2022	Spotters/Case discussion	Dr. Praveen Kumar S
07/10/2022	Spotters/Case discussion	Dr. Suparna M Y
14/10/2022	Spotters/Case discussion	Dr. Deena Patil
21/10/2022	Spotters/Case discussion	Dr. T K Sumathy
28/10/2022	Spotters/Case discussion	Dr. K N Shivaswamy
04/11/2022	Spotters/Case discussion	Dr. Praveen Kumar S
11/11/2022	Spotters/Case discussion	Dr. Suparna M Y
18/11/2022	Spotters/Case discussion	Dr. Deena Patil
25/11/2022	Spotters/Case discussion	Dr. T K Sumathy
02/12/2022	Spotters/Case Discussion	Dr. K N Shivaswamy
19/12/2022	Spotters/Case Discussion	Dr. Praveen Kumar S
16/12/2022	Spotters/Case Discussion	Dr. Suparna M Y
23/12/2022	Spotters/Case Discussion	Dr. Deena Patil



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5) Any other Teaching Programme:

- a. Ward rounds: **Twice daily**
- b. Grand rounds: **Saturdays**
- c. CPC (Pathology): **1st Thursday of every month, Pathology seminar room**

Date	Topic	PG	Facilitator
06/01/2022	CPC- Interesting unusual cases of Hansen's disease	Dr. Deepashree	Dr. Deena Patil
03/02/2022	CPC- Interesting cases of Hansen's cont...	Dr. Deepashree	Dr. Deena Patil
03/03/2022	CPC- Interesting cases	Dr. Girish	Dr. T K Sumathy
07/04/2022	CPC- Basics of Histopathology	Dr. Girish	Dr. K N Shivaswamy
05/05/2022	CPC- Basics of Histopathology	Dr. Girish	Dr. K N Shivaswamy
04/08/2022	CPC- Lichenoid and eczematous reaction pattern	Dr. Varsha Dr. Arusha	Dr. Suparna M Y
01/09/2022	CPC- Lichenoid and eczematous reaction patterns cont.....	Dr. Varsha Dr. Arusha	Dr. Suparna M Y
06/10/2022	CPC- Vesicobullous disorders	Dr. Deepashree Dr. Raghavendra	Dr. Deena Patil
03/11/2022	CPC-Granulomatous reaction pattern tuberculosis and sarcoidosis	Dr. Girish Dr. Poojitha	Dr. K N Shivaswamy
15/12/2022	CPC Pauciibacillary Hansen's disease indeterminate TT, BT	Dr. Bindu Dr. Aishwarya	Dr. Praveen Kumar S



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C. Postings:

i. To other departments

Postings	Dr. Girish Rithvik
Plastic Surgery	19/12/2022 - 24/12/2022
Psychiatry	12/12/2022 - 17/12/2022
Medicine	14/11/2022 - 26/11/2022
Pediatrics	28/11/2022 - 10/12/2022

Postings	Dr. Anagha Nair
Plastic Surgery	05/12/2022 - 10/12/2022
Psychiatry	28/11/2022 - 03/12/2022
Medicine	12/12/2022 - 24/12/2022
Pediatrics	14/11/2022 - 26/11/2022

Postings	Dr. Deepashree R
Plastic Surgery	17/10/2022 - 23/10/2022
Psychiatry	10/10/2022 - 16/10/2022
Medicine	12/09/2022 - 25/09/2022
Pediatrics	26/09/2022 - 09/10/2022

Postings	Dr. Deepashree R
Plastic Surgery	03/10/2022 - 09/10/2022
Psychiatry	26/09/2022 - 02/10/2022
Medicine	10/10/2022 - 23/10/2022
Pediatrics	12/09/2022 - 25/09/2022

Postings	Dr. Arusha Chalva
Plastic Surgery	22/08/2022 - 28/08/2022
Psychiatry	15/08/2022 - 21/08/2022
Medicine	29/08/2022 - 11/09/2022
Pediatrics	01/08/2022 - 14/08/2022



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Postings	Dr. Arusha Chalva
Plastic Surgery	05/09/2022 – 11/09/2022
Psychiatry	29/08/2022 - 04/09/2022
Medicine	01/08/2022 - 14/08/2022
Pediatrics	15/08/2022 - 28/08/2022

D. Duties: (As per roster)

- i. OPDs daily
- ii. Therapy room
- iii. Wards
- iv. Camp postings
- v. On call roster

Note: Roster put up each month.



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MONTHWISE TEACHING SCHEDULE FOR POST GRADUATES DEPARTMENT OF DERMATOLOGY**Note:**

1. The respective faculty will be in charge of the entire process...planning, implementation and assessment.
2. It is preferable to put the time table latest by 20th of previous month.
3. PGs are expected to keep in touch with the respective teachers well ahead of the class.



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Annexure 2
DEPARTMENT OF DERMATOLOGY
PG TEACHING SCHEDULE PLAN FOR THE MONTH OF APRIL 2023

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					1 Grand rounds	2
3 Tutorials	4 JC/HPE	5 Tutorials	6 Seminar	7 Case Discussion	8 Grand rounds	9
10 Tutorials	11 JC/HPE	12 Tutorials	13 Seminar	14 Case Discussion	15 Grand rounds	16
17 Tutorials	18 JC/HPE	19 Tutorials	20 Seminar	21 Case Discussion	22 Grand rounds	23
24 Tutorials	25 JC/HPE	26 Tutorials	27 Seminar	28 Case Discussion	29 Grand rounds	30
31 Tutorials						



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ANNEXURE – 3

DEPARTMENT OF DERMATOLOGY

POLICY FOR OUTSIDE PG POSTINGS

Year wise PG Posting

Peripheral postings (15 Days): Second year postgraduates are posted to department of Medicine (Exposure to emergency medicine and resuscitation) in addition to 3 months of District Residency Programme (DRP)



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Annexure 4

Logbook entry

Date	
Setting/method	
Presented/attended	
Summary in brief	
Reflection	
Teachers comments	

Student's signature

Guide's Signature

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ANNEXURE-5

Postgraduate Students Appraisal Form Name of the PG Student Period of Training
Duration:.....to.....

Sl. No	Particulars	Not satisfactory (1,2,3)	Satisfactory (4,5,6)	More than Satisfactory (7,8,9,10)	Remarks
1	Journal based learning				
2	Patient care and rounds				
3.	Bedside teaching, Clinical seminars				
4.	Communication skills				
5.	Log book				
6.	Thesis work				
7.	CME/Outreach programmes/Conference presentations				
8.	Self-directed learning				
9.	Under-graduate teaching				
10.	Research/Publication				

Sign of the student

Sign of the assessor Sign of Head of the Department



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Course Specifications MD Dermatology, Venereology, Leprosy

2022 onwards

Course Code: MDC553A



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Course Specifications

Course Title	Basic Science as applied to Dermatology
Course Code	MDC553A
Department	Dermatology
Faculty	Ramaiah Medical College

Course summary: The students are expected to know in detail about the basic sciences pertaining to dermatology, in depth knowledge of all side lab procedures and competent enough to interpret histopathology of common dermatological skin disorders.

Course Outcomes:

CO1: Should have acquired knowledge of basic sciences (Anatomy, Physiology, Biochemistry, Microbiology, Pathology and Pharmacology) pertaining to dermatology (A, C)

CO2: Be able to perform independently the side laboratory procedures like potassium hydroxide (KOH) mount, Gram stain, Tzanck smear, Slit skin smear (SSS), Giemsa stain, acid fast bacilli (AFB) stain, etc. related to the dermatologic diagnosis and be competent enough to interpret histopathology of common skin disorders.(C, P)

CO3: Must acquire basic concepts of research methodology, plan a research project, consult library and online resources, have basic knowledge of statistics and should evaluate published studies (A, C)

Course Content:**Basics in Dermatology**

1. History of Indian Dermatology
2. Ecology and epidemiology of skin diseases in India
3. Structure and Functions of Skin
4. Immunology of skin
5. Principles of Clinical diagnosis
6. Basic Dermatopathology
7. Basics of Dermoscopy
8. Skin at different ages
9. Environment and Skin

Pediatric Dermatology

1. Genodermatoses
2. Neonatal skin care and skin disorders
3. Nevi and other developmental defects
4. Ichthyosis and ichthyosiform disorders
5. Disorders of Keratinization

Infections and Infestations

1. Bacterial infections
2. Cutaneous Tuberculosis
3. Cutaneous Non-tuberculous Mycobacterial infection
4. Superficial fungal infections
5. Deep fungal infections: Subcutaneous Mycoses



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- 6. Deep fungal infections: Invasive Mycoses
- 7. Deep fungal infections: Other diseases
- 8. Viral infections
- 9. Viral exanthems
- 10. Diseases caused by Arthropods
- 11. Diseases caused by Parasitic worms and Protozoa

Eczema and Photodermatoses

- 1. Eczema
- 2. Atopic Dermatitis
- 3. Contact Dermatitis
- 4. Occupational Dermatoses
- 5. Photodermatology and Photodermatoses



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Course Mapping (CO-PO-PSO Mapping)

Course Code and name	Course Outcome	Program Outcomes				Program Specific Outcomes									
		PO 1	PO 2	PO 3	PO 4	PS O1	PS O2	PS O3	PS O4	PS O5	PS O6	PS O7	PS O8	PS O9	
MDC553A Basic Science as applied to Dermatology	Co 1	3	3	3	3	3	3	3	3	2	3	3	3	3	
	CO 2	3	3	3	3	3	3	3	2	3	2	3	3	2	
	CO 3	3	3	3	3	3	3	2	2	3	2	3	3	3	



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Course Specifications MD Dermatology, Venereology, Leprosy

2022 onwards

Course Code: MDC554A



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Course Specifications

Course Title	Dermatology
Course Code	MDC554A
Department	Dermatology
Faculty	Ramaiah Medical College

Course Summary: The students are expected to know clinical features of common dermatological conditions and to have acquired clinical skills to arrive at the diagnosis, effective management and timely referral of complicated cases to higher centres.

Course Outcomes:

CO 1: Acquire skills in history taking, physical examination, diagnosis and management of patients in dermatology, venereology and leprosy (C,A,P)

CO 2: Should be able to order relevant investigations and interpret them to reach to a definitive diagnosis so as to plan and deliver comprehensive treatment for diseases using principles of rational drug therapy (C, A)

CO 3: Be competent to diagnose and manage complicated/rare cases, patients in ICU care as well the dermatologic emergencies like angioedema, toxic epidermal necrolysis (TEN), Stevens-Johnson syndrome (SJS), pemphigus, drug reaction and erythema nodosum leprosum (ENL) etc and their timely referral to higher centre in liaison with other departments (C, A)

CO 4: Should be able to perform skin and nail biopsy, demonstrate/perform various suturing techniques and wound dressing independently (C, A P)

CO 5: Demonstrate the correct method of giving skin intralesional injections for keloids and alopecia areata and be able to perform procedures like electro-cautery, cryotherapy, curettage, mole excision, chemical peels, and punch grafting (C, A ,P)

Course Content:**Papulosquamous and Vesiculobullous Dermatoses**

1. Immunobullous Disorders
2. Epidermolysis Bullosa
3. Psoriasis
4. Lichen Planus and Lichenoid Disorders -Lichen Planus & Lichenoid Disorders:
5. Graft-Versus-Host-Disease



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Vascular disorders

1. Diseases of Arteries, Veins and Lymphatics
2. Cutaneous Vascular Response
3. Purpura
4. Urticaria
5. Vasculitis
6. Neutrophilic Dermatoses

Pigmentary disorders

1. Depigmentary and hypopigmentary disorders
2. Vitiligo
3. Hyperpigmentary disorders

Disorders of appendages

1. Acne vulgaris
2. Acneiform eruptions roseacea and perioral dermatitis
3. Disorders of sweat glands
4. Apocrine glands

Hair disorders

1. Hair basics and investigations
2. Trichoscopy
3. Hirsutism and hyper trichosis
4. Introduction to hair loss
5. Male pattern hairloss (MPHL)
6. Hair loss in women
7. Alopecia areata
8. Cicatricial alopecia
9. Hair shaft disorders
10. Premature greying

Nail disorders

1. The Normal nail
2. Nail disorders
3. Nail surgery

Collagen vascular diseases

1. Disorders of connective tissue
2. Autoimmune connective tissue disorders
3. Necrobiotic disorders
4. Disorders of Subcutaneous fat

Metabolic Disorders

1. Sarcoidosis and other granulomas
2. Nutrition and the skin
3. Diet in dermatology
4. Metabolic Disorders
5. Porphyrrias



Skin manifestations in Systemic disease

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1. Skin in Diabetes mellitus
2. Skin manifestations in Endocrine disorders
3. Skin manifestation of internal diseases
4. Pruritis and prurigo
5. Skin changes in pregnancy

Regional dermatology

1. Oral cavity – Gingiva, Teeth, Tongue, and Lips
2. Regional dermatology :Ear
3. Vulvar dermatoses
4. Male genital dermatoses
5. Eye dermatoses
6. The nose in dermatological disease
7. Perianal dermatoses

Psychodermatology

1. Skin and Psyche: Introduction to Psychodermatology
2. Psychodermatological disorders
3. Approach to the patient in Psychodermatology
4. Medical management and alternative therapies

Skin tumours and malignancies

1. Skin tumours
2. Lymphoproliferative disorders
3. Mastocytosis
4. Histiocytoses

Dermatotherapeutics

1. Principles of topical therapy in Dermatology
2. Pharmacogenomics in Dermatology
3. Steroids
4. Cutaneous adverse effects of Steroids
5. Topical antibacterials
6. Systemic antibacterials
7. Antifungal drugs
8. Antivirals in Dermatology
9. Antipruritic agents
10. Immunomodulators in Dermatology
11. Retinoids: Systemic and Topical
12. Biologics in Dermatology
13. Principles of Phototherapy
14. Drug reactions
15. Cryotherapy



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Course Mapping (CO-PO-PSO Mapping)

Course Code and name	Course Outcome	Program Outcomes				Program Specific Outcomes									
		PO 1	PO 2	PO 3	PO 4	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PS O8	PS O9	
MDC554A Dermatology	CO 1	3	3	3	3	3	3	3	2	3	2	3	3	3	
	CO 2	3	3	3	3	3	3	3	3	2	3	3	3	3	
	CO 3	3	3	3	3	3	3	3	3	3	2	3	3	3	
	CO 4	3	3	3	3	3	3	3	2	3	3	3	3	3	
	CO 5	3	3	3	3	3	3	3	3	3	3	3	3	2	



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Course Specifications MD Dermatology, Venereology, Leprosy

2022 onwards

Course Code: MDC555A



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Course Specifications

Course Title	STD & Leprosy
Course Code	MDC555A
Department	Dermatology
Faculty	Ramaiah Medical College

Course Summary: In-depth knowledge about epidemiology, clinical features, investigations, management, rehabilitation, national health programmes of leprosy, STD including HIV

Course Outcomes:

CO 1: The student should be competent enough to clinically evaluate patient with leprosy, sexually transmitted infections including HIV. (C, A)

CO 2: Able to perform dark ground illumination, gram stain, bubo aspiration, slit skin smear and tissue smear and to interpret the laboratory tests including histopathology in STDs and Leprosy (C, A, P)

CO 3: Should be well versed with syndromic management while treating patients with sexually transmitted infections (C, A)

CO 4: Able to manage cases of lepra reaction and to refer the patients at appropriate level for surgery or rehabilitation (C, A)

CO 5: Should be able to ensure the implementation of National Health Programmes, particularly leprosy, sexually transmitted diseases (STD) including HIV (C, A)

Course Content:**Sexually transmitted infections**

1. Overview of Sexually transmitted infections
2. Syphilis
3. Nonvenereal dermatosis
4. Chancroid
5. Donovanosis
6. Lymphogranuloma venereum
7. Viral sexually transmitted infections
8. Urethritis, Pelvic inflammatory disease, and Reiter's syndrome
9. Cervicitis and Vaginitis

HIV

1. HIV: Virology, Immuno-pathogenesis, and Laboratory diagnosis
2. Mucocutaneous manifestations of HIV-AIDS
3. Systemic manifestations of HIV infection-The true Pandora's box
4. Antiretroviral therapy

Leprosy

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1. Leprosy: Introduction and historical aspects
2. Leprosy: Microbiology and Immunology
3. Pathology of Leprosy
4. Classification, Clinical features, and Differential diagnosis of leprosy
5. Systemic involvement in leprosy
6. Leprosy in children
7. Leprosy: Multidrug therapy and management of reactions
8. Leprosy: Disablement – Its prevention and management
9. Leprosy: Control, Disease burden and Rehabilitation
10. Leprosy neuritis
11. Advances in Investigations for Diagnosis of Leprosy and Drug resistance
12. National Leprosy Eradication Programme (NLEP) of India-Initiatives and current perspectives



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Course Mapping (CO-PO-PSO Mapping)

Course Code and name	Course Outcome	Program Outcomes				Program Specific Outcomes								
		PO 1	PO 2	PO 3	PO 4	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8	PSO 9
MDC555A STD & Leprosy	CO 1	3	3	3	3	3	3	2	2	3	2	3	3	3
	CO 2	3	3	3	3	3	3	3	2	3	3	3	3	3
	CO 3	3	3	3	3	3	3	3	3	3	3	3	3	3
	CO 4	3	3	3	3	3	3	3	3	3	3	3	3	3
	CO 5	3	3	3	3	3	3	3	3	3	3	3	3	3



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Course Specifications MD Dermatology, Venereology, Leprosy

2022 onwards

Course Code: MDC556A



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Course Specifications

Course Title	Recent advances in field of Dermatology
Course Code	MDC556A
Department	Dermatology
Faculty	Ramaiah Medical College

Course Summary: Adequate theory and practical knowledge about recent advancement with respect to aetiopathogenesis, investigations and management in the field of dermatology, dermatosurgery, LASERS, leprosy and STD including HIV

Course Outcomes:

CO 1: Should be familiar with recent advances in the field of investigations and management in dermatology & STD and acquiring knowledge of latest diagnostic and therapies available (C, A)

CO 2: Carry out various dermatosurgical procedures for Vitiligo (graft procedures, melanocyte transfer) and acne (subcision, derma roller, PRP therapy) and to perform basic LASER procedures (C, A, P)

Course Content:**Esthetic Dermatology**

1. Antiaging cosmetic procedures
2. Chemical peeling and microdermabrasion
3. Basics of injectables

Dermatosurgery

1. Basics of cutaneous surgery
2. Acne scars
3. Vitiligo surgery
4. Skin grafting
5. Hair transplanatation
6. Liposuction and fat transfer
7. Sclerotherapy

LASERS

1. Laser physics
2. Laser treatment of tattoos
3. Role of Lasers I pigmentary disorders
4. Laser hair removal



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Recent advances

1. Innovations in Dermatology
2. Spa Dermatology
3. Tele dermatology
4. Nanotechnology in Dermatology
5. Stem cell therapy
6. Gene therapy
7. Skin banking
8. Sports Dermatology



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Course Mapping (CO-PO-PSO Mapping)

Course Code and name	Course Outcome	Program Outcomes				Program Specific Outcomes								
		PO 1	PO 2	PO 3	PO 4	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PS O8	PS O9
MDC556A Recent advances in field of Dermatology	CO 1	3	3	3	3	3	3	3	3	3	3	3	3	3
	CO 2	3	3	3	2	3	2	3	3	3	2	3	3	2



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Course Specifications MD Dermatology, Venereology, Leprosy

2022 onwards

Course Code: MDP514A



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Course Specifications

Course Title	Thesis – Dermatology
Course Code	MDP514A
Department	Dermatology
Faculty	Ramaiah Medical College

Course Summary:

The course is designed in such a way that the student will master the science of research in terms of designing, conducting and interpreting the results.

Course Outcome:

CO1: Should be introduced to basic research methodology so that he/she can independently conduct fundamental and applied research and he/she should independently write the thesis in accordance with the university prescribed norms (C,A)

CO2: The student should demonstrate integrity, accountability, respect, compassion and dedicated patient care and a commitment to excellence, continuous professional development and ethical principles relating to conduct and publication of research (C,P)

Course details:

Every candidate pursuing MD Medicine degree course is required to carry out work on a selected research project under the guidance of a recognised post graduate teacher. The results of such a work shall be submitted in the form of a dissertation. The dissertation is aimed to train a post graduate student in research methods and techniques. It includes identification of a problem, formulation of a hypothesis, search and review of literature, getting acquainted with recent advances, designing of a research study, collection of data, critical analysis, comparison of results and drawing conclusions.

Every candidate shall submit to the Registrar (Academic) of the University in the prescribed proforma, a synopsis containing particulars of proposed dissertation work within six months from the date of commencement of the course on or before the dates notified by the University. The synopsis shall be sent through the proper channel.

Such synopsis will be reviewed and the dissertation topic will be registered by the University. No change in the dissertation topic or guide shall be made without prior approval of the University.

The dissertation should be written under the following headings:

1. Introduction
2. Aims or Objectives of study
3. Review of Literature
4. Material and Methods
5. Results
6. Discussion
7. Conclusion
8. Summary
9. References (Vancouver style)
10. Tables
11. Annexure



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Course Mapping (CO-PO-PSO Mapping)

Course Code and name	Course Outcome	Program Outcomes				Program Specific Outcomes								
		PO 1	PO 2	PO 3	PO 4	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PS O8	PS O9
MDP514A Thesis- Dermatology	CO 1	3	3	3	2	2	3	2	3	3	2	3	3	2
	CO 2	3	3	3	2	2	3	2	3	3	2	3	3	2

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Course Materials:Books**Books (Latest Edition)**

- Sexually Transmitted Diseases - Sharma V K
- IADVL Text book of Dermatology - R G Walia
- IAL Textbook of Leprosy - H Kar
- Bologna "Textbook of Dermatology"
- Text Book of Dermatology, Wilkinson/Ebling/Rook, 4 Volumes, Oxford
- Text Book of Dermatology, Samuel L. Moschelia M.D. Harry J. Hurlay M.D., 2 Volumes
- Histopathology of the Skin, Walter - F. Lever- Gundula Schaumburg Lever
- Atlas of Dermatology, 2 Volumes, Bhalani Publishing House, Dadar, Mumbai.
- Diseases of the skin, Larry L Arnold Richard 13-Dom William D. James, Andrews
- Differential Diagnosis in Dermatology, Satish S. Savant, Radha Atalshah, Deepak Gore, Richard Ashan, Barbara Lepdard
- Leprosy, Dharmendra, 2 Volumes, Samant and Company, Mumbai.
- Recent Advances in Dermatology, Champion, R.H. Pye, R.J. 8th Volumes.
- Venereal Diseases, Amborse King Claude Nicol Philip Rodin, ELBS English Language Book Society/ Baillere Tindal, East Sussex.
- Sexually Transmitted Diseases, King K Holmes, McGraw-Hill Health profession
- Hand Book of leprosy, Jopling W.H, William Hethgunnah Medical Book Ltd. ,London.
- Dermatology in General Medicine, Thomas B. Fitzpatrick, McGraw Hill Book Company.
- Fundamentals of Pathology of skin, Mysore Venkataram

Journals

Three international and two national journals (all indexed)

Additional Reading

1. ICMR
2. National Registries
3. UpToDate

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