


P R O S P E C T U S



**DIPLOMA IN
EMERGENCY MEDICINE**



**DIPLOMA IN
FAMILY MEDICINE**



Dr. Prathap C Reddy

Chairman, Apollo Group of Hospitals

"Medical Excellence with Human Touch"

Our mission is to bring healthcare of international standards within the reach of every individual. We are committed to the achievement & maintenance of excellence in education, research and healthcare for the benefit of humanity.

Family Medicine and Emergency Medicine are the pillars of any healthcare system. These specialties have not received the attention they deserve, resulting in sub-optimal clinical care particularly at the primary and secondary healthcare levels.

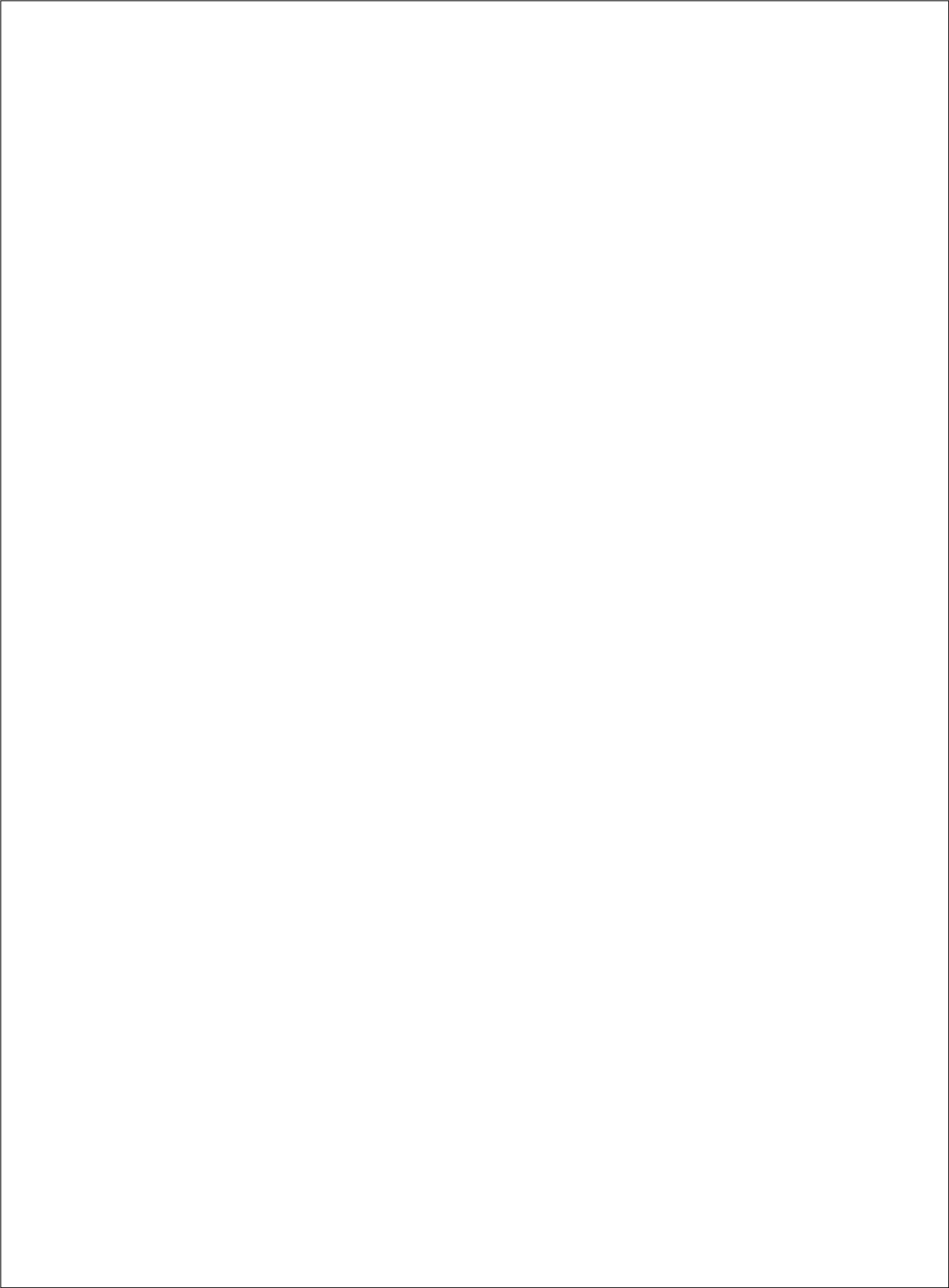
Family Medicine and Emergency Medicine are two areas where significant inadequacies still exist. After pioneering corporate healthcare in India, Apollo Hospitals is now launching a movement aimed at upgrading primary and secondary health care. Trained and qualified doctors in these areas are the primary prerequisites and we are happy to launch academic programs in these specialities in partnership with Royal College of General Practitioners, United Kingdom.

Apollo always measures its successes with the levels of standards attained. With active involvement of Royal College of General Practitioners and our own commitment towards excellence, standards of these academic programs will be compared to the best in the world.

I wish you the very best in all your endeavors.

Contents

From the Directors Desk	5
About Medvarsity Online Limited	6
Royal College of General Practitioners	7
Apollo Hospitals Educational & Research Foundation	8
Medvarsity Educational Programs	9
- Diploma in Family Medicine	11
- Diploma in Emergency Medicine	16
Success Stories	20





Dear Friend,

In today's scenario of rapidly evolving medical science and competitive work place, healthcare professionals are in constant need to stay abreast with latest developments in their profession. You as a healthcare professional also need the best resources that can help you stay ahead in your professional career. You need a source of authentic knowledge, information and academic qualifications which you can trust and which maintains high standards in medical education.

Medvarsity is one such center of excellence. We, at Medvarsity, constantly work towards raising the standards in medical education. Medvarsity offers premium courses for healthcare professionals. These courses impart knowledge and skills in very focused and niche areas. These areas are gaining importance in Indian scenario and are recognized as specialization areas in countries world over.

Apart from providing quality medical education, the courses also offer.

- A specifically designed course curriculum.
- Unique teaching methodology with hands-on experience.

I invite you to join these courses.

To know more about these courses please go through the prospectus.

With Best Wishes,

Dr. S.S Reddy MS, FRCS (Eng.)

Director

Medvarsity Online Limited

About Medvarsity Online Limited



Medvarsity, India's first Medical e-learning venture was established in April 2000, and launched its official online portal www.medvarsity.com in October 2000. It is an initiative by Apollo Hospitals Group, the leader in healthcare in Asia Pacific Region having the first JCI accredited hospital in India.

Mission

"To deliver quality distance education to the healthcare providers (HCP), using information technology enabled learning tools, aimed at improving the standards of medical education and practice."

Helping to Stay Ahead...

Today the world of medicine and healthcare is evolving rapidly. New areas are being researched and explored. In depth study is being done in various areas of Healthcare. For professional growth of a medical professional, there is a need to keep oneself updated with the latest developments in the field. Continuous Medical Education has become a necessity to stay ahead.

But in the present set up, accessibility to specialized programs and educational services is still an issue. Not every professional can leave the practice, join full time courses and spend time in attending classes. As a result, a large number of healthcare professionals, though willing to develop knowledge and skills in different areas of Medicine, are not able to do so. Information flow is very limited, as there is no easily accessible channel to gather and disseminate knowledge.

Medvarsity, which brings with it the experience as well as the expertise in healthcare sector, endeavors to fill the stated gap in medical education. By using e-learning solutions and latest IT tools, our aim is to reach out with high quality authentic knowledge resources to healthcare professionals.

**WE HELP A HEALTHCARE
PROFESSIONAL TO STAY AHEAD**

The (UK) Royal College of General Practitioners (RCGP), which is the leading academic institution in UK for family medicine, and Apollo Hospitals Group have had an educational collaboration over many years, with RCGP jointly accrediting courses run by Apollo.

Two courses are currently on offer, each carefully tailored to the needs of family doctors in India. The first – the Diploma in Family Medicine – gives family doctors in India a chance to upgrade their knowledge and skills and attitudes through on line study followed by full time clinical attachments. Taught by Apollo staff, the course is quality assured by advisors from RCGP, who also act as external examiners during the final assessments. Successful candidates are then encouraged to study for the international exam for Membership of the Royal College of General Practitioners (MRCGP[INT]).

The Diploma in Emergency Medicine is aimed particularly at doctors based in the community but who have a special interest, or extended role, in the provision of emergency medicine services. This course is also taught by Apollo staff but quality assured by RCGP.

Both courses offer GPs an opportunity to gain useful theoretical and practical experience and we look forward to ongoing collaboration with Apollo on these excellent programmes.

Dr. Garth Manning, FRCGP

Medical Director - International Development Programmes
RCGP, UK.

Apollo Hospitals Group has always understood the need for quality health education and this is reflected in the group's mission statement:

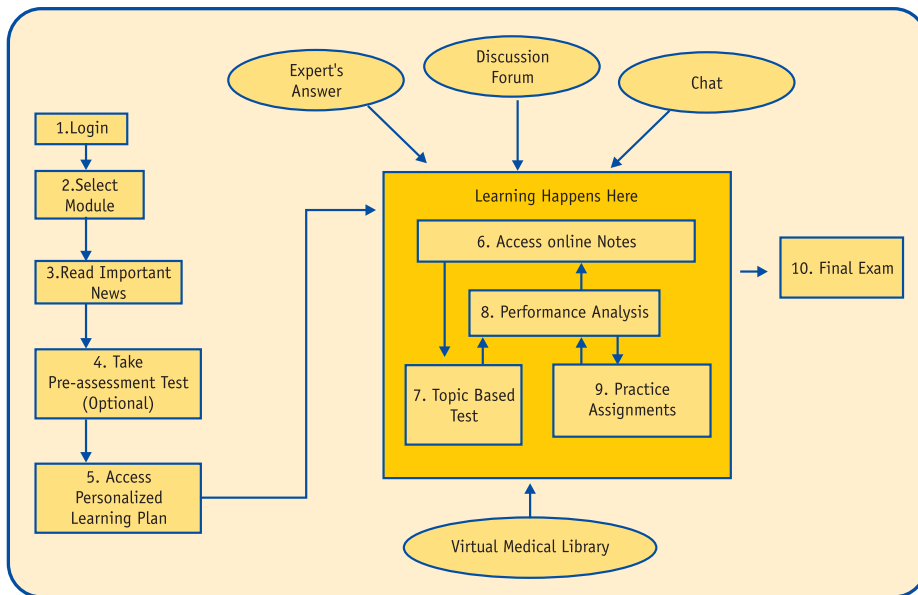
"Our mission is to bring healthcare of international standards within the reach of every individual. We are committed to the achievement and maintenance of excellence in education, research and healthcare for the benefit of humanity"

Apollo Hospitals Educational & Research Foundation is running a variety of educational and training programs including Nursing, Hospital Administration, Physiotherapy, Emergency Medicine, Surgery and Anesthesiology.

A spacious building in calm & quiet environment is dedicated to academics and houses our college and the institutes of education. The foundation is proud of its faculty consisting of distinguished personalities from India and abroad including a number of doctors who are members of the Royal College.

Governing Body	
Chairman Dr. Prathap C. Reddy	Chairman, Apollo Hospitals Group.
Secretary & Treasurer Smt. Sangita Reddy	Executive Director, Apollo Hospitals Group.
Trustees Shri K. Umapathi Shri K. Vishveshwar Konda	IAS (Retd) MD, Citadel.

Medvarsity Learning Cycle



Resources

Medvarsity has a large pool of resources in medical care and IT education. These include highly specialized personnel, eminent doctors, state of the art infrastructure, quality medical content, and robust learning engine. Apart from this, Medvarsity has also entered into working tie ups world over with many institutions for knowledge exchange and updates in the field of Medical Education.

Our Faculty Resources

Dr. S.S. Reddy	Director, Medvarsity Online Limited
Dr. Hari Prasad	CEO, Apollo Hospitals, Hyderabad
Dr. P.Srinivasa Rao	Head-Operations, Medvarsity
Dr. Nagaraj	MS, Apollo Hospitals, Chennai
Dr. A.N. Venkatesh	HOD, EMD, Apollo Hospitals, Bangalore
Dr. Manisha Bobade	HOD, EMD, Jehangir Hospitals, Pune
Dr. Muthukrishna	Consultant-Psychiatrist, Apollo Hospitals, Chennai
Dr. Sumana Manohar	Consultant-Gynaecologist, Apollo Hospitals, Chennai
Dr. Swarnalatha	Consultant Pathologist-Apollo Hospitals, Hyderabad
Dr. Ravi Andrews	Consultant Nephrologist-Apollo Hospitals, Hyderabad
Dr. Ashok Alimchandani	Consultant Psychiatrist, Apollo Hospitals, Hyderabad
Dr. Lakshmi Reddy	Consultant Gynaecologist, Apollo Hospitals, Hyderabad
Dr. Priyamvada Reddy	Consultant Gynaecologist, Apollo Hospitals, Hyderabad
Dr. Koteswar Rao	Consultant Paediatrician, Apollo Hospitals, Hyderabad
Dr. Raghupathi Rao	Consultant Surgeon, Apollo Hospitals, Hyderabad
Dr. V.K.Bhargava	Consultant Physician, Apollo Hospitals, Hyderabad
Dr. I.S.Reddy	Consultant Dermatologist, Apollo Hospitals, Hyderabad
Dr. Satavahana Chaudhary	Consultant ENT surgeon, Apollo Hospitals, Hyderabad
Dr. Sreekumar Reddy	Consultant Ophthalmologist-Apollo Hospitals, Hyderabad
Dr. Rajagopal	Consultant Urologist-Apollo Hospitals, Hyderabad
Dr. John Stanley	EMD, Apollo hospitals, Hyderabad
Dr. Mahesh Joshi	HOD Emergency Medicine Apollo Hospitals, Hyderabad
Dr. Manoj Agarwal	Consultant Cardiologist-Apollo Hospitals, Hyderabad
Dr. Somashekhar Reddy	Consultant Orthopaedician-Apollo Hospitals, Hyderabad
Dr. R.N.Mehrotra	Consultant Endocrinologist-Apollo Hospitals, Hyderabad
Dr. Shekhar Reddy	Consultant Anesthetist, Apollo Hospitals, Hyderabad
Dr. Sridhar	Consultant Cardiologist, Apollo Hospitals, Hyderabad
Dr. Keshav	Consultant Physiotherapist, Apollo Hospitals, Hyderabad
Dr. Supraja	Consultant Physiotherapist, Apollo Hospitals, Hyderabad
Dr. M.V.Reddy	Consultant Orthopaedics Surgeon, KIMS Hospital
Dr. Anupam Sibal	Group Medical Director & Senior Consultant - Pediatrics
Dr.Karuna Chaturvedi	HOD,Dept of Dietetics, Apollo Hospitals, New Delhi
Dr.Ambrish Mittal	Senior Consultant - Dept of Endocrinology.
Dr.Priyadarshini Pal Singh	HOD, Emergency Dept, Apollo Hospitals, New Delhi
Dr. Sudha Kansal	Senior Consultant:Intensive Care, Apollo Hospitals, New Delhi
Dr. S.K Gupta	Senior Consultant, Cardiology, Apollo Hospitals, New Delhi
Dr. Vijaya Raj Kumari	Senior Consultant, Apollo Hospitals, New Delhi
Dr. Imran Subhan	Consultant, EMD, Apollo Hospitals, Hyderabad

- Course Duration** : One year (12 months) – 9 months Online study and 3 months of contact program at Accredited Apollo Hospitals.
- Eligibility Requirements** : MBBS degree with MCI registration.
- Selection Criteria** : Those fulfilling the eligibility criterion will be called for a personal/ telephonic interview following which the admission list will be drawn.

Course Objectives

- To have the knowledge and skills to provide comprehensive and continuing care for patients in all age groups.
- To consider illness in psychological and social terms and not just in physical ones.
- To acknowledge clinical uncertainty and to ensure safe and effective management decisions for patients.
- To understand the principles of continuity of care, of the gatekeeper function and of appropriate, timely referral.
- To possess adequate knowledge of computers and their application in clinical practice.

Content

- Primary health care: features; organization; global perspective.
- Dimensions of continuity of care, and the family doctor as gatekeeper.
- Co-ordination of care and making effective referrals. Illness and disease: case studies.
- Dealing with uncertainty.
- Principles of health promotion activity.
- The doctor's role in prevention of smoking; sexually transmitted disease; any other relevant health problem(s).
- Use of medical literature; computer skills.
- Principles of Quality Assurance and practice audit.

CURRICULUM

1. The Principles of Family Medicine
2. Child and Adolescent Health
3. Women's Health
4. Adult Medicine
5. Geriatrics and Palliative Medicine
6. Sexually Related Problems
7. Psychiatry in Family Practice
8. Surgery in Family Practice
9. Emergency Medicine
10. Problems of Skin
11. Radiology
12. Medical Audit and its Administration
13. Certification of Cause of Death

Clinical Skills List

The following is a list of skills, which a trainee would be expected to have acquired by the end of a three year residency programme, Clearly it will not be possible to ensure that all skills are mastered in a three month programme, but they should be issued as a form of check list which the general practitioner/family physician can then ensure he masters over a period of time in clinical practice. Many of the more basic skills will already have been mastered during previous medical service, in which case the skills should be assessed for currency and proficiency.

1. Basic Skills

- Observation.
- Palpation.
- Percussion.
- Auscultation.
- ENT (ORL) examination, including otoscopy.
- Ophthalmoscopy.
- Rectal examination.
- Vaginal examination.

2. Extended Skills

- Cardiopulmonary resuscitation.
- Tests of vision and visual fields.
- Hearing tests.
- Tests of respiratory function (including peak expiratory flow).
- Vaginal examination with speculum.
- Rectoscopy.
- Indirect laryngoscopy.
- ECG examination.
- Cutaneous tests.

3. Treatment Skills

- Injections (intravenous; intramuscular; intradermal; subcutaneous).
- Venous and vesical catheterisation.
- Nasogastric and endotracheal intubation.

4. Other Treatments

- Aural cleansing.
- Minor surgery procedures (including incision and drainage of abscesses and cysts and extraction of foreign bodies).
- Reduction of dislocations.
- Immobilization of fractures.
- Techniques of haemostasis.
- Bandaging.
- Simple techniques of rehabilitation.

Speciality wise Requirements

Internal Medicine

- To be able to identify ECG changes in common situations of ischaemia and rhythm disturbance.
- To read and interpret a chest X-ray.
- To carry out fundoscopy in cases of hypertension and diabetes.
- To carry out a rectal examination and interpret the findings.
- To carry out a summary neurological examination.

Pediatrics

- To carry out examination of newborn infants.
- To assess child development.
- To diagnose and treat urinary tract infections and to arrange appropriate follow-up.
- To diagnose and treat common upper respiratory tract infections.
- To recognize and manage common childhood infections.

Gynecology

- To perform routine gynecological examination.
- To carry out routine breast examination.
- To perform cervical screening techniques.
- To be able to insert an intrauterine contraceptive device (IUCD).

Obstetrics

- To examine the pregnant woman and to interpret the data according to the gestation of the foetus.
- To be able to recognize and manage threatened abortion, premature labor and premature rupture.
- To prevent and/or treat common post delivery problems.
- To perform a postnatal examination.

Assessment

Internal Assessment

Online module wise internal assessments. Minimum percentage required is 60% to be eligible for the 3-month contact program at any one of the Accredited Apollo Hospitals Centers.

Final Examination

- 1) Paper I - Theory (100 marks)
- 2) Paper II - MCQs (200 marks)

Note: To be eligible for the final examination the candidate should have successfully cleared all the internal assessments and completed the contact program.

Viva

To be conducted by a panel consisting of the RCGP representative, an internal examiner and an external examiner. The RCGP representative would be the overall assessor and accreditor.

Criteria For Certification

- Successful completion of final exam
- Minimum Attendance of 90% in theory & clinical sessions.
- Completion of Log Book

**SUCCESSFUL CANDIDATES TO RECEIVE
DIPLOMA IN FAMILY MEDICINE JOINTLY
FROM RCGP & AHERF**

- Course Duration** : One year (12 months) – 3 months online study and 9 months of contact program at Accredited Apollo Hospitals.
- Eligibility Requirements** : MBBS degree with MCI registration.
- Selection Criteria** : Those fulfilling the eligibility criterion will be called for a personal/ telephonic interview following which the admission list will be drawn.

Objectives

- To have the knowledge and skills to provide comprehensive and continuing care for patients in all age groups.
- To acknowledge clinical uncertainty and to ensure safe and effective management decisions for patients.
- To develop the skills of self directed life long learning and to make full use of information sources, including use of computers and the Internet.
- To be skilled in simple techniques to be employed in emergency situations.
- To be familiar with the equipment and drugs used in emergencies.

Content

- Primary health care: features; organization; global perspective.
- Dimensions of continuity of care, and the family doctor as gatekeeper.
- Co ordination of care and making effective referrals.
- Illness and disease: case studies.
- Dealing with uncertainty.
- Principles of health promotion activity.
- The doctor's role in prevention of smoking; sexually transmitted disease; any other relevant health problem(s).

- Use of medical literature; computer skills, principles of quality assurance and practice audit.
- Diagnosis in Emergency.
- Maintenance of vital functions.
- Cardiopulmonary resuscitation.
- Prevention of complications in emergency situations.
- Equipment and drugs for emergencies.
- Actions to be taken in common emergencies of the following areas:
 - Cardiovascular
 - Respiratory
 - Pediatric
 - Psychiatric
 - Metabolic and endocrine
 - Obstetrics and gynaecology
 - Trauma
 - ENT and ophthalmology

Clinical Postings

During the 9 months contact program the candidates will be posted with emergency departments in the accredited Apollo centres to gain a first hand experience under the expertise of trained Emergency Medicine specialists.

Assessment

Internal Assessment

Online module wise internal assessments. Minimum percentage required is 60% in the first two modules to be eligible for the 9-months contact program at any one of the Accredited Apollo Hospitals Centers.

CURRICULUM

- | | |
|---|---|
| 1. Emergency Medicine Department. | 18. Otolaryngologic Emergencies |
| 2. Airway Management | 19. Ophthalmic Emergencies |
| 3. Cardiac Emergencies | 20. Endocrine Emergencies |
| 4. Management of Shock | 21. Acid Base and Electrolytes |
| 5. Neurological Emergencies | 22. Burns |
| 6. Respiratory Emergencies | 23. Anaphylaxis |
| 7. Surgical Emergencies | 24. Bites and Stings |
| 8. Orthopedic Emergencies | 25. Envenomation |
| 9. Trauma Emergencies | 26. Dive Emergencies |
| 10. Obstetric and Gynecologic Emergencies | 27. Environment Emergencies |
| 11. Pediatric Emergencies | 28. Mechanical Ventilation |
| 12. Wound Assessment and Management | 29. Urogenital Emergencies |
| 13. Local Anesthetics and Anesthesia | 30. Transfusion Emergencies |
| 14. Analgesia in Emergency Room | 31. Hepato Biliary Emergencies. |
| 15. Chronic Pain Management | 32. Psychiatric Emergencies |
| 16. Imaging | 33. Legal Aspects of Emergency Medicine |
| 17. Toxicology | |

Final Examination

- 1) Paper I - Theory (100 marks)
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Viva

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Criteria for Certification

- Successful completion of final exam
- Minimum Attendance of 90% in theory & clinical sessions
- Completion of Log Book

**SUCCESSFUL CANDIDATES TO RECEIVE
DIPLOMA IN EMERGENCY MEDICINE
JOINTLY FROM RCGP & AHERF**

Success Stories



Dr. Annette Steele addressing the Students



Dr. S.S. Reddy, Dr. P.Srinivasa Rao, & Dr. Annette Steele with the students of May 2011 Batch of DEM, Hyderabad.



Dr. Jim Cox RCGP Examiner with Dr. Anupam Sibal & DFM Students in Delhi



Dr. Adil Hussain Kango shaking hands with Dr. Annette Steele and Dr. Anupam Sibal



July 2007 Batch at Chennai



Dr. Arun Srivastava is all smiles receiving his certificate from Dr. Jim Cox

Success Stories



Dr. Zuber Mukhtar Mansoori receiving his DEM Certificate from Dr. Annette Steele



Students of DFM May 2011 Batch at Bangalore



Dr. Mohammad Ismail from Iran receiving his certificate from Dr. Annette Steele



Dr. Elena Barba from Uzbekistan receiving her certificate from Dr. Annette Steele



Dr. Saurav receiving his Certificate from Dr. Annette Steele, May 2010 Batch



Students of DEM May 2011 Batch at Delhi

Success Stories



Dr. Ryana Fernandes receiving her DEM Certificate, Chennai May 2011 Batch



Dr. Priyadarshini receiving her DEM Certificate from Dr. Annette Steele



Dr. Rajneesh Bedi receiving his certificate



Dr. Smita Rauniyar receiving her certificate from Dr. Annette Steele DFM Bangalore May 10



Dr. Bhaanu Chander Shekhar receiving his certificate from Dr. Annette Steele



Dr. Bobomurod Keldiyorov from Uzbekistan receiving his certificate from Dr. Annette Steele

Be out of ordinary !!

Medvarsity & Apollo Hospitals conducts various Diploma, Fellowship & Certificate Courses for Medical & Healthcare Professionals.

Medvarsity, India's first Medical e-learning venture was established in April 2000, and launched its official online portal www.medvarsity.com in October 2000. It is an initiative by Apollo Hospitals Group, the leader in healthcare in Asia Pacific Region having the first JCI accredited hospital in India.

For Doctors

- | | |
|---|---|
| <ul style="list-style-type: none">• Diploma in Family Medicine
(Accredited to Royal College of General Practitioners, UK (RCGP))• Diploma in Emergency Medicine
(Accredited to Royal College of General Practitioners, UK (RCGP))• PG Certificate Course in Accident & Emergency Care• Certificate Course in Cardiac Emergencies• Certificate Course in Management of Diabetes• Post Graduate Diploma in Hospital Administration*• Fellowship in Clinical Research**• Diploma in Health Insurance• Certificate course in Medical Tourism• Fellowship in Dialysis | <ul style="list-style-type: none">• Fellowship in Intensive Care Medicine• Fellowship in Sports Sciences• Fellowship in Applied Nutrition• Fellowship in Orthopedics Rehabilitation• Fellowship in Cardiac Rehabilitation• Fellowship in Neurological Rehabilitation• Certificate Course in Healthcare Quality Management• Diploma in Clinical Counseling• Diploma in Healthcare Informatics• Certificate Course in Infection Control for Healthcare Professionals• Diploma in Pharmacovigilance• Fellowship in Pulmonary Rehabilitation |
|---|---|

* Graduates in any discipline eligible ** Graduates in Life Sciences also eligible

For Nursing Graduates

- | | |
|---|---|
| <ul style="list-style-type: none">• Advanced Certificate Course in Nursing Administration• Advanced Certificate Course in Critical Care Nursing• Advanced Certificate Course in Cardiac Nursing | <ul style="list-style-type: none">• Advanced Certificate Course in Surgical Nursing• Advanced Certificate Course in Cancer & Palliative Nursing• Ward Sister Course |
|---|---|



Students of DFM July 2011 batch with
Dr. Annette Steele of RCGP UK, Dr. S S Reddy of Medvarsity

Contact :



Medvarsity Online Limited

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Film Nagar (P.O), Jubilee Hills, Hyderabad - 500 096, Tel : 040-23541654 / 23554723.

email us at: courses@medvarsity.com **visit our site at:** www.medvarsity.com

find us on:

Toll Free 1800-425-6066 (9am to 6pm)