

Launch of Diploma Programs in Healthcare

15 August 2020



IUS, CSD and Apollo Medskills Ltd have set the stage for e-launch of the three certificate programs in healthcare sector. The launch is expected to kick-off before 15th August 2020. The programs are:

- a. Diploma in Dialysis Technology, 2 yrs
- b. PG Diploma in Healthcare Administration, 1 yr
- c. PG Diploma in Hospital Administration, 1 yr

Leading the Skilling Revolution



Our e-Learning Courses:

- Diploma in Operation Theatre and Anaesthesia Technology
- Diploma in Cardiac Non-Invasive Technology
- Diploma in Medical Laboratory Technology
- Diploma in Radiology Imaging Technology
- Diploma in Dialysis Technology
- Apollo Life Saver
- Health Mentor Workshop
- PG Diploma in Healthcare Management - HCU
- PG Diploma in Hospital Management - HCU
- nCOVID-19 Awareness and Prevention
- Certification Program on Clinical Management of nCOVID-19 for Doctors
- Management of nCOVID19 for Nurses
- Certificate Course on Management of nCOVID19 for Medical Laboratory Technicians
- Certificate course in Healthcare Operations Management
- Global Healthcare Management Programme
- PG Diploma in Radiology & Imaging Technology
- PG Diploma in Emergency Medical Technology
- PG Diploma in Medical Lab Technician
- Diploma in Artificial Intelligence
- Diploma Digital Marketing
- Diploma Program in Data Science
- Diploma in Machine Learning

Placement Partners:



APOLLO MEDSKILLS

📍 2nd Floor, 8H/6 Bahadurpur Housing Colony,
Opp: Gayn Ganga Trade Center, New Bypass, Patna - 800026.

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CORPORATE OFFICE:
Apollo MedSkills, #8-2-293/82/A/501P, 4th floor, SBR Arcade, Road no 36, Jubilee Hills, Hyderabad, Telangana-500033

About Apollo MedSkills Limited

Even before the foundation of the inaugural stone, all associated with the Apollo MedSkills initiative could ascertain that this is more sublime than mere brick and mortar. It holds the dreams of a nation to transform and empower its youth through superior health education. Collaborating with the Ministry of Skill Development and Entrepreneurship (MSDE), Government of India initiative of the National Skill Development Corporation, Apollo MedSkills has adopted innovative teaching methodologies to make healthcare education more practically relevant. The focus is on imparting job specific skills that will make the Indian healthcare professional a part of the much sought after global work force. At Apollo MedSkills, there are various up-skilling courses for healthcare professionals and skilling courses for school and college students.

About ICFAI University, Sikkim

The ICFAI University, Sikkim, offers Graduate and Post Graduate Programs in Management, Information Technology, Law, Humanities & Social Sciences and other areas. The University is empowered to award degrees under Section 22 of the UGC Act, 1956. The University believes in creating and disseminating knowledge and skills in core and frontier areas through innovative educational programs.

Course Description

Dialysis is a process of removal of nitrogenous waste products from the body. The role of dialysis is to be a part of the multi-disciplinary team in order to provide safe, comfortable and hygienic dialysis treatments for patients. Students undergoing this course will learn about the procedures involved in the Dialysis process and will also learn how to operate the equipment involved in the same. They will also learn about patient handling techniques and the clinical aspect involved.

Students undergoing this course would learn about the role and scope of the dialysis technician in the healthcare setting, preparation of the machine for dialysis, perform the procedures under the direction of the Nephrologist and continuous monitoring of the patient during the procedure to ensure optimal patient care.

Objectives

- Understand the role and scope of the dialysis technician in the healthcare setting with respect to pre, intra & post dialysis.
- Comprehend the etiology and pathogenesis of acute and chronic renal failure/CKD.
- Describe the etiology, pathogenesis and management of urinary tract infections.
- Educate patients on strategies to prevent urinary tract infections and peritonitis
- Comprehend the various modalities of renal replacement therapy
- Practice and perform independently the water maintenance for the Hemodialysis room.
- Independently maintain the Hemodialysis machine with respect to disinfection and priming.
- Manage the anticoagulation for patients on dialysis.
- Independently operate Hemodialysis machines, CAPD cyclers & initiate CAPD therapy
- Train patients and the care givers in performing peritoneal dialysis.
- Describe the various drugs used for the treatment of kidney diseases and dialysis
- Enumerate the action, indication, dosage, routes & side effects of the drugs
- Comprehend the drug adjustments to be made for varying degrees of renal dysfunction.
- Demonstrate good communication and ability to work in team



Course Highlights

- Renowned and experienced faculty
- Opportunity to interact with the best Nephrologists in India and learn from them
- Teaching methodology emphasises learning through interaction and practice
- Simulation labs that help the student learn procedures prior going to the hospital
- Exposure to the most advanced technologies during clinical internships in well established tertiary care hospitals.

Course Content

1st year

- Anatomy
- Physiology
- Biochemistry
- Pharmacology
- Introduction to Kidney diseases

2nd year

- Introduction to Dialysis – Part I
- Introduction to Dialysis – Part II

Special Focus

- Spoken English & Communication
- Basics of Computers

Course Delivery

- Classroom and practical training
- On the Job Training

Duration

- 2 Years - full time program

Eligibility

- 12th Pass with Science as a subject.
- Minimum of 50% marks

Assessment

As per the norms of the state universities / Affiliated Institution.

Certification

Apollo MedSkills and ICFAI

Course Fee

- Rs 1.20 Lakh

*Placement Assistance will be provided to all the successful passouts.



Dr. Srinivasa Rao Pulijala
Program Director
CEO, Apollo MedSkills Limited

Dr Srinivas Rao Pulijala, a Post graduate in Medicine; Member of Royal college of General Practitioners; Member of American college of Physicians; had Continuing Education in Emergency Medicine and Diabetes; a Management graduate from Indian School of Business, Hyderabad. He has co-authored books on Hospital management and Health Informatics. He is the Program Director for Healthcare management program at IIM-Bangalore, a visiting faculty at Jain University, Apollo College of Management, Hyderabad and Central University, Hyderabad. He is a globally recognized public speaker on topics related to healthcare.

"The healthcare sector needs many young professionals for delivering the best services for the patients at all times. This PGDCA program will equip every student with the skills and enhanced knowledge required for the sector."



Apollo MedSkills Limited

Apollo MedSkills Courses

- nCOVID-19 Awareness and Prevention for Educational Institution
- Certification Program on Clinical Management of nCOVID-19 for Doctors
- Certificate course in Healthcare Operations Management
- Diploma in Artificial Intelligence
- Diploma Digital Marketing
- Diploma Program In Data Science
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- Diploma in Dialysis Technology
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- Diploma in Medical Laboratory Technology
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Post Graduate Diploma Courses

- PG Diploma in Radiology & Imaging Technology
- PG Diploma in Emergency Medical Technology
- PG Diploma in Medical Lab Technician

Workshops

- Basic Life Support
- Apollo Life Saver
- Health Mentor Workshop
- School Health Workshop
- Corporate & Wellness Workshop
- Clinical Workshop for Doctors, Nurses & Technicians

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**PG Diploma in
Healthcare Administration**

About Apollo MedSkills Limited

Apollo MedSkills Limited is India's largest & most respected healthcare skill development organization. It's a joint venture between Apollo Hospitals Group & National Skill Development Corporation (NSDC). Apollo MedSkills Limited has been successfully executing skill development programs in the healthcare sector since 2012. The organization has taken a differentiated approach to make healthcare education more practically relevant and impart job specific skills that will make the Indian healthcare professional a part of the much sought after Indian and global work force. Apollo MedSkills Offers Courses designed by the best healthcare & education experts and is aimed at skilling, re-skilling & up-skilling varied segments including school pass outs, graduates, medical & healthcare professionals including doctors, nurses, technicians & others.

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The ICFAI UNIVERSITY, SIKKIM offer world class, innovative, career-oriented professional post graduate and undergraduate programs through inclusive technology - aided pedagogies to equip students with the requisite professional and life skills as well as social sensitivity and high sense of ethics. The University believes in creating and disseminating knowledge and skills in core and frontier areas through innovative educational programs, research, consulting and publishing, and developing a new cadre of citizens with a high level of competence and deep sense of ethics and commitment to the code of professional conduct. The University is empowered to award degrees under Section 22 of the UGC Act, 1956. The University believes in creating and disseminating knowledge and skills in core and frontier areas through innovative educational programs.

Course Description

The course PG Diploma in Healthcare Administration enables students to gain conceptual and professional management skills and prepares the student to perform administrative functions in any form of healthcare facility including hospitals. Healthcare administration is an area that deals with health care facilities, hospital networks, and hospitals management, leadership, and administration. Healthcare administrators are considered experts in the healthcare field. The program prepares students for leadership roles in the healthcare sector through planning, operational, and project management training including orientation in the clinical and support services management aspects. The curriculum also offers instruction in the management of financial, material and information systems in healthcare environments, and develops the opportunities, behaviours, and skills required for people management. Along with traditional modules our curriculum covers latest technologies in healthcare like telemedicine and artificial intelligence.

Learning Objectives

- To provide conceptual understanding of Management Concepts related to Hospitals.
- To familiarize the students with the contemporary issues in Management and how they are applicable to the functioning of hospitals.
- To understand and appreciate the human behaviour in organizations.
- The basic principles of accounting and finance and aims to convey an understanding of the major financial issues facing hospitals, such as reimbursement, cost allocation, physician-hospital connectivity assessment and risk sharing.
- To understand and implement IT projects in hospitals to enhance the functioning of hospitals.
- Learn the latest technologies that are used in hospital for clinical and non-clinical purposes, such as implementation of HIS (Hospital Information Systems) and many more.

Assessment and Certification

- Assignments: Internal assignments, semester assignments and project work.
- Degree awarded Upon successful completion of assignments: Joint certificate

At the end of second semester student has to complete a capstone project that would of his or her interest. The project can either be chose from the topic provided by Apollo MedSkills or can be taken up by the student his or her own. But it should be related to the functioning of hospital/ healthcare.

Course Delivery: e-Learning which is completely online. Study material, PPTs, case studies, etc will be available.

Course fee:

Fee Structure : One time Fee: Rs. 56,000/-

Instalment Fee: Rs. 60,000/- (Two equal installment of Rs. 30,000/- each)

Fee Structure for Foreign Students : One time Fee: \$1000

Course duration: 12 months | **Number of semesters:** 02

Minimum Eligibility:

Graduate from any discipline from UGC approved University.



Course Curriculum:

Course comprises of 2 semesters:

Semester I Modules

Organization and Management Process

- The Management Process
- Strategic management
- Customer Relationship Management
- Healthcare Operations Management
- Planning of Healthcare Services

Clinical Management and Research

- Accreditation & Certification in Healthcare Organization
- Quality in Healthcare Organization
- Consumer Protection Act
- Risk & Disaster Management

Marketing and Financial Management in Healthcare

- Marketing of Healthcare Services & Strategies in Healthcare
- Financial Management
- Supply Chain Management
- Operations Research

Semester II Modules

IT in Healthcare and Research Management

- Fundamentals to IT and MIS
- Healthcare Technology Standards
- Research Methodology for Healthcare
- Statistics for Healthcare Management

Medical Tourism

- Medical Tourism- Evolution
- Marketing in Medical Tourism
- Hospitality and Hotel Industry
- Alternative Medicine and Medical Tourism
- Quality Standards, Challenges and Future of Medical Tourism

Insurance and Entrepreneurship in Healthcare

- Healthcare Insurance
- Financial Management in Health Insurance
- Entrepreneurship & Healthcare Consultancy
- Healthcare Laws, Regulations and Ethics.



Dr Srinivasa Rao Pulijala
Program Director
 CEO, Apollo MedSkills Limited
 MBBS, MD, MRCP (UK), PGDM (ISB)

Dr Srinivasa Rao Pulijala a Post graduate in Medicine, Member of Royal College of General Practitioners, Member of American College of Physicians, had Continuing Education in Emergency Medicine and Diabetes, a Management graduate from Indian School of Business, Hyderabad. He has co-authored books on Hospital management and Health informatics. He is the Program Director for Healthcare management program at IIM-Bangalore, a visiting faculty at Jain University, Apollo College of Management, Hyderabad and Central University, Hyderabad. He is a globally recognized public speaker on topics related to healthcare.

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Apollo MedSkills Limited

Post Graduate Diploma in
Hospital Administration

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Course Description

Healthcare has emerged as one of the fastest growing sectors in the country with huge requirement for skilled & qualified manpower.

Post Graduate Diploma in Hospital Administration (PGDHA) course has been specially developed by experts from Apollo Hospitals group to enable aspirants to fully understand the role of a hospital administrator in a modern day healthcare set up. Through this course, Apollo MedSkills propagates a paradigm shift from the traditional teaching approach to one that is technology based, elicits interest, nurtures curiosity and encourages questioning

The course is of **One year duration** and comprises of 2 semesters. It will be delivered in an e-learning mode comprising of e-books, web lectures by subject matter experts, case studies, assignments and project work.

Learning Objectives

- To understand the management concepts related to functioning of Hospitals.
- To enhance skill sets & knowledge for practical implementation of strategies in a professional hospital set-up.
- To undertake a wider range of administrative managerial responsibilities across functions and departments.
- To understand the role and impact of technology on healthcare.
- To explore entrepreneurial opportunities across the sector.

Assessment & Certification

Assessments:- Semester assignments & Final exam, Project work

Certification:- Post Graduate Diploma in Hospital Administration Certificate shall be jointly awarded by Apollo MedSkills Limited and ICFAI University Sikkim to all successful candidates.

Course Curriculum

Course comprises of 2 semesters:

Semester I Modules

- **Administrative Management**
 - ♦ Process of Management
 - ♦ Operations management in Healthcare
 - ♦ Strategic management
 - ♦ Human Resources management and policies
 - ♦ Organizational Behavior and Risk management
- **Clinical Management and Research**
 - ♦ Hospital planning
 - ♦ Patient care Management
 - ♦ Medical Records Management
 - ♦ Supply Chain, Logistics & Material Management in Hospital
 - ♦ Research Methodology for Healthcare management
- **Healthcare Economics, Laws & Marketing**
 - ♦ Introduction to Economics in Healthcare
 - ♦ Basics of Hospital Budgeting
 - ♦ Health Insurance
 - ♦ Healthcare Laws, Regulations and Ethics
 - ♦ Marketing of Health Services & Strategies in Healthcare

Semester II Modules

- **Quality in Hospitals and Statistical analysis**
 - ♦ Quality Assurance in Hospitals
 - ♦ Accreditation in Healthcare Organizations
 - ♦ Hospital Information System (HIS)
 - ♦ Medical Audit and Medical coding
 - ♦ Statistics for Healthcare Management
- **IT Management in Healthcare**
 - ♦ Basics of Computers and Management Information System
 - ♦ Systems Management, Software Applications and Developmental Process
 - ♦ Application of IT in Healthcare
 - ♦ Emerging Trends in Technology
- **Financial Management**
 - ♦ Introduction and General Principles of Accounting
 - ♦ Analyzing Financial Statements
 - ♦ Cost Accounting
 - ♦ Costing Management & Project Guidelines

Course Delivery : Online. Login access credentials for e-books, web lectures, case studies, PPTs, assignments shall be provided to each candidate.

Eligibility Criteria : Graduates & above (any stream) from a recognized University

Course Duration : 1 Year (Two semesters)

Fee Structure : **One time Fee:** Rs. 56,000/-
Instalment Fee: Rs. 60,000/- (two equal instalment of Rs. 30,000/- each)

Fee Structure for Foreign Students : **One time Fee:** \$ 1000/-

