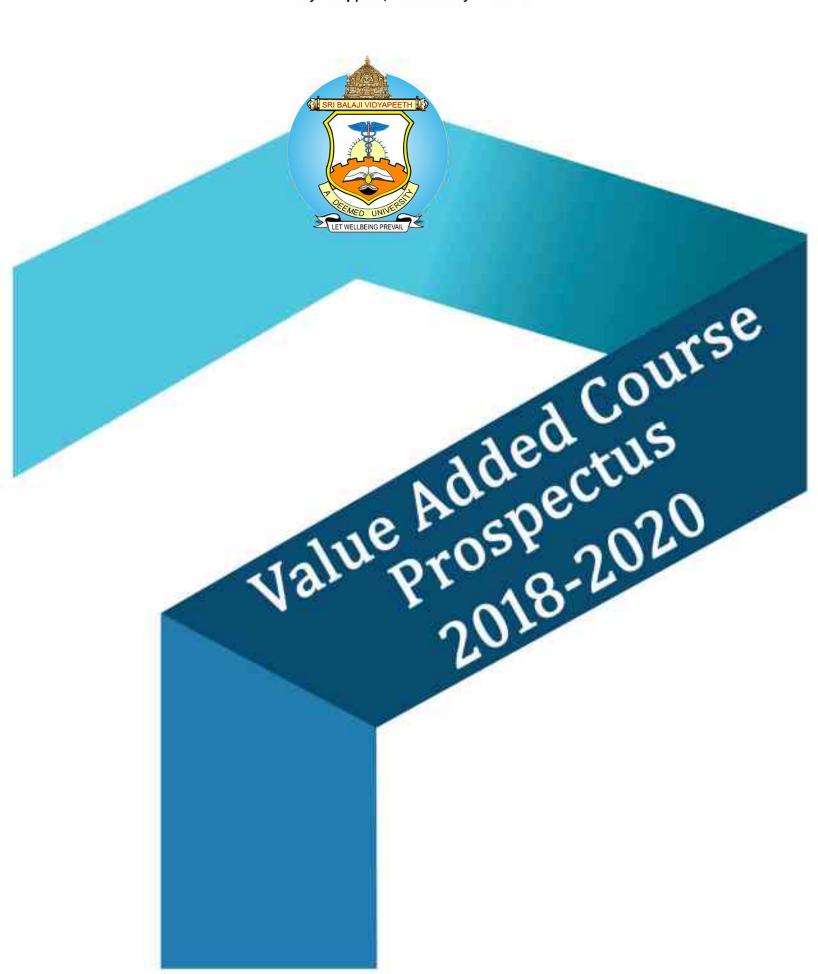
SRI BALAJI VIDYAPEETH

(ACCREDITED WITH 'A' GRADE IN THE FIRST CYCLE BY NAAC)

Pillaiyarkuppam, Pondicherry - 607 402



VICE-CHANCELLOR'S MESSAGE

Welcome to SBV & your future

The millennium has ushered in challenges which will have a profound impact on the role of private universities. Professional competence will be highly sought after in India and around the globe. The challenge - shared by all Universities - is to bestow the requisite knowledge and skills, and cultivate proper etiquette and attitude to produce top-notch professionals who will be valued both for their professional competence and their inherent ability to solve problems.

Sri Balaji Vidyapeeth, Deemed to be University and accredited by NAAC with 'A' Grade is dedicated its mission in order to nurture healthcare professionals in Medicine, Dentistry, Nursing and Allied Health Sciences, who would contribute and strive ceaselessly towards caring for the comfort of the sick. The constituent colleges of SBV already noted for the excellence in various avenues including teaching, research, and service to the community, especially those who are marginalised and underserved. SBVis endowed with committed, dedicated and outstanding faculty- a healthy mix of the young & veterans and excellent infrastructure. Our challenge for the future is to capitalize on this good start and establish ourselves firmly among the comity of leading Universities.

The reputation of any institution is essentially based on the quality of its output; the management and the academic staff do realise this and I promise that they will do their best to train and educate you well. You, the research scholars who have gained entry into the portals of SBV this year realise your ambition and must perform well with dedication and diligence and emerge as competent research professionals and makeyour parents and educators



WITH LOADS OF GOOD WISHES,

 $PROF.\ SUBHASH\ CHANDRA\ PARIJA, \ MBBS\ ,\ MD\ ,\ PhD\ ,DSc,\ FRCPath\ ,\ FAMS,\ FICPath\ ,\ FABMS\ ,\ FICAI,FISCD\ ,\ FIAVP\ ,\ FIATP\ and\ FIMS\ Hon'ble\ Vice\ Chancellor\ ,\ Sri\ Balaiji\ Vidyapeeth$

INTRODUCING SRI BALAJI VIDYAPEETH

Young, Modern & Marching Ahead

- Sri Balaji Vidyapeeth (SBV) is a young deemed University, proud of its modernity, yet firmly grounded in rich educational heritage.
- > SBV aims to excel in academic and clinical medicine; research and training; nurturing passion and enthusiasm into achievement and converting theoretical knowledge into evidence based practice and research.
- > SBV was granted 'Deemed University' status by the University Grants Commission (UGC) under section 3 of the UGC Act of 1956 in 2008, in recognition of its outstanding quality of providing education, potential for excellence and obtained NAAC "A" Grade in 2015, with CGPA of 3.11 on 4 point scale.
- SBV has been placed in the top 100 for three consecutive years 2016, 2017 & 2018 at the National Institutional Ranking Framework (NIRF) and is in the top 25 among the Medical colleges through its flagship institute, namely Mahatma Gandhi Medical College & Research Institute.
- > SBV(DU) thus enjoys complete autonomy to develop and implement innovative curriculum and academic programs and to design its own education process that is responsive and tailored to the evolving needs and changes of health sciences.
- The Deemed University's constituent colleges and courses are all duly accredited and recognised by the respective statutory bodies such as the Medical Council of India, Dental Council of India and the Indian Nursing Council. Graduates of SBV(DU) are eligible to register with any state council or pursue further education in any part of India.
- SBV(DU) ensures that its programs and courses are recognised internationally, by registering under appropriate provisions of various statutory and registration authorities around the world to enable its graduates the right to qualify for practice in any nation, including appearing for USMLE, (USA) PLAB, MRCP/MRCS/etc (UK), MCCQE (Canada), AMC (Australia), CGFNS/NCLEX (Nursing, USA) etc.
- SBV(DU) is a research oriented university and the establishment of state-of-the-art Central Interdisciplinary Research Facility pledges considerable resources and investment for Biomedical Research.
- SBV's research output has been consistently high in quality and impact, as evident from its rapidly growing research publication record that inspires our students, a fact attested by the region-wise lead position in number of ICMR sponsored STS research projects (Short Term Studentship) undertaken and ably accomplished by our undergraduate medical and dental students.
- SBV caters to the needs of the pateints in the form of alternate medicine. The presence of Yoga and Music Therapy is an innovative move to step forward from Illness to Wellness and treating the patients through complementary medicine. MoU signed by SBV for a collaborative doctoral program in music therapy with the IMC University of Applied Sciences, Krems, Austria and with Kaivalyadhama Yoga Institute for Yoga research are noteworthy milestones and bear ample testimony.
- The Centre of Health Professions Education brings together all health professionals to achieve academic excellence through training and research in pedagogical sciences, which saw SBV signing a long term partnership with Partners Medical International, USA.
- Every year is a year of challenges, accomplishments as we attain our targets, setting newer goals and constantly striving to renew our commitment for better medical training, scientific research and clinical practice.
- SBV is governed by an enlightened collegium of eminent scholars, clinicians and scientists, headed ably by our visionary Chairman and Chancellor, Shri. M. K. Rajagopalan; Vice Chancellor Prof.SC.Parija, a well recognised medical educationist; Renowned teacher, Prof.N.Ananthakrishnan, Dean of Faculty & Allied Health Sciences; Prof. M. Ravishankar, Dean, Faculty of Medicine, providing leadership and stewardship towards excellence.

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Name of the course	Course on Dissertations to Publications for PGs
Course code	SVAC18-01
Course offered by	MEDICAL EDUCATION UNIT,MGMCRI
Duration and Frequency	5 Days (9.00am- 5.00pm)
Intended Audience	All PG's of Constituent Colleges
Intended Learning Outcomes	 To Enhance the Skill of Scientific Writing of research Article To Encourage all the PG's to do more Publications in their respective forum

DAY 1

- An overview of workshop activities
- Self introduction by MD/MS students
- Turning Dissertation into research publications
- Language skills in Research paper writing
- IMRAD
- Title and Abstract Writing
- Group Exercise (5 groups of 4/5 students each) GE 1
- Selection of type of Article (1+2)
- Selection of journals
- How to write a Review Article
- GE 2: Review Writing
- Discussion and planning of overnight tasks

DAY 2

- Presentation of Review Article by MD/MS Students –one per group
- Authorship, Copyright and Ethical Issues
- How to Write an Introduction
- GE-3 Writing Abstract and Introduction
- Presentation of Abstract and Introduction by MD/MS Students
- How to Write Materials and Methods
- GE -4 Write Methods

 Discussion of REVIEW paper, returned after plagiarism check and planning for overnight tasks

DAY 3

- Presentation of Methods
- Continue Plagiarism check by online submission
- Structure of Short Communication /Correspondence /Dispatch
- Brief or Short Communication /Correspondence /Dispatch/Letter Discussion by Students in Gropes as per the nature of Article Selected
- How to Write a Discussion
- Writing and presenting Discussion by Students
- Discussion of Brief or Short Communication /Correspondence/Dispatch/Letter
- Planning for overnight tasks

DAY 4

- Correspondence Dispatch Letter by MD/MS Students
- How to Write Results, tables, and Figures
- GE- 6: Results, tables, and Figures
- Writing References
- GE- 6: References writing and Presentation by students
- Writing Full Paper
- Hoe to reply to Reviewer's Comments or How to Revise the Paper
- Discussion of full Articles Followed by line tuning of the same in the Presence of guide,
 Co-Guide & Facilitator
- Planning of overnight tasks

DAY 5

- Presentation of Full papers by MD/MS Students
- Online Submission of manuscripts
- Programme Feedback
- Valedictory Function: Issues of Certificates by Honourable Vice Chancellor

Assessment & Assignment: Group Exercise by the Students Certificate: Certificates will be issued at the end of the 5th day Feedback: Online feedback will be obtained with Google forms.

Name of the course	PG orientation -Research Methodology & Evidence Based Medicine
Course code	SSVAC18-01
Course offered by	Shri Sathya Sai Medical College & Research Institute
Duration and Frequency	3 days & every year (9.00am - 4.00pm)
Intended Audience	First year Post Graduates of SBV
Intended Learning Outcomes	 Enumerate the principles of Research methodology and able to apply it Understand the principle of Evidence Based medicine and practice in health care system.

Syllabus

Day 1:

- Icebreaker and Group Dynamics
- Selection of Rapporteurs, pretest questionnaire
- Overview of the workshop
- Selection of a research topic
- Literature Search and Reference Management
- Framing the Research Question or Writing the objectives of the study Ethics in medical Research
- Ethics in medical Research

Day II:

- Study designs
- RCT
- Cohort study
- Case control study
- Cross Sectional study
- Observational Descriptive Study
- Proforma Preparation, Data collection and maintenance
- Statistical Issues
- When to seek help of a statistician
- Sample Size
- SPSS Demonstration

Day lll:

- Evidence based medicine and practice
- Preparation of a Dissertation protocol/synopsis
- Plagiarism
- Discussion time for PG dissertations
- CTRI Registration
- Rapporteurs session, Feedback and posttest

Assessment & Assignment: A pre-test and a posttest comprising of 10 questions were administered to the postgraduates to access the success/usefulness of the workshop.

Certificate: Certificate will be issued to those with 100% attendance, completion of assignments, Pretest and Posttest.

Feedback: Online feedback will be obtained at the end of the course.

COURSE FEE: Nil

Name of the course	Value added program on Training of Young Trainers
Course code	MVAC19-01
Course offered by	Mahatma Gandhi Medical College & Research Institute
Duration and Frequency	3 days / Year (8.30am-5.00pm)
Intended Audience	Undergraduate students of SBV
Intended Learning Outcomes	Knowledge on effective teaching techniquesKnowledge on procedural skills

Syllabus

Modules to be covered

- Teaching skills
- Why should I learn to teach?
- Orienting learners
- Breaking down learning to components
- Defining the learning spheres
- How to utilizes available e-learning sources effectively for teaching and learning
- Lectures count
- How and why small groups work in teaching
- FIVE-steps micro skills", model of clinical teaching
- How to effectively teach in labs?
- Inpatient work rounds and teaching charting
- Teaching "procedural skills
- Giving, mini lectures
- Provision of effective and useful feedbacks to learners and assessment
- Plan your teaching session-Group work
- Feedback using microteaching
- Skills practice
- My teaching skills- how I moved in in the last three days

Assessment & Assignment: The final exam consists of two parts: Pre & Post Test.

Certificate: Certificate will be provided for students with 100% attendance and Pass percentage of >80%

Feedback: Online feedback will be obtained at the end of the course.

Name of the course	Value added course on Radiation Safety
Course code	SVAC20-01
Course offered by	Q-Team (SBV)
Duration and Frequency	2 days / year and 2hrs/day of self study
Intended Audience	Undergraduate students of SBV
Intended Learning Outcomes	 Identify the parts of the x-rays machine and explain their purpose and function. Explain how x-rays are produced and how they travel. Demonstrate use of the control on a x-ray machine and explain how they influence the x-ray beam. Compare the effects that x-radiation has on a variety of biological and non-biological materials. Describe and follow the methods employed in veterinary hospitals and clinics to protect employees and veterinarians against radiation exposure Follow methods used to develop x-rays films.

Syllabus

- Parts of the X-Ray Machine
- Physical Principles of Radiography
- Factors affecting the X-ray beam
- The interaction of X-radiation with matter
- Radiation Safety principles
- X-ray Film developing
- Quality control and Record keeping

Assessment & Assignment: The final exam consists of two parts: Pre & Post Test.

Certificate: Certificate will be provided for students with 100% attendance and Pass

percentage of >80%

Feedback: Online feedback will be obtained at the end of the course.

Name of the course	Value Added Course on Quality Assurance in Operation Theatre
Course code	SVAC20-02
Course offered by	Q-Team (SBV)
Duration and Frequency	2 days
Intended Audience	 PG Residents, Junior level faculty, Dental, Nursing & Allied Health Science specialties
Intended Learning Outcomes	 To sensitize the health care professional students on maintain quality standard care in the operation theatre

- Introduction to Quality Assurance
- Patient and family Rights & Responsibilities
- Develop leadership skills.
- Practice within legal and boundaries.
- Develop skills in dealing with information technology.

Name of the course	Value Added Course on Data Analytics in Health Care Management
Course code	SVAC20-03
Course offered by	Q-Team (SBV)
Duration and Frequency	2 days / Year (9.00am-5.00pm & 2hrs/day of self-study)
Intended Audience	Undergraduate students of SBV
Intended Learning Outcomes	 Data Analytics Types of Data Analytics Applications in Health care domain. Data analytics process

Assessment & Assignment: The final exam consists of two parts: Pre & Post Test.

Certificate: Certificate will be provided for students with 100% attendance and

Pass percentage of >80%

Feedback: Online feedback will be obtained at the end of the course.

Name of the course	Value added Course on Critical Care Nursing
Course code	SVAC20-04
Course offered by	Q-Team (SBV)
Duration and Frequency	2 days / year (8.30 am-4.30 pm) and 2hrs self study / day
Intended Audience	Undergraduate students of SBV
Intended Learning Outcomes	 At the end of this course, students will be able to provide comprehensive nursing care to correct core body systems alteration for critically ill patients.

Knowledge and Understanding

- Discuss the scope of practice in critical care units
- Recognize ethical and legal issues relevant to critically ill patients in ICU
- Identify critically ill patient' and their families' needs and problems
- Recognize the principles of judgments and limitations of practice in critical care units.

Intellectual Skills

- Assess the needs of critically ill patient.
- Identify the appropriate action for critical situations.
- Prioritize actions according to the needs of the situation utilizing critical thinking process.
- Integrate knowledge from nursing science, medicine and other sciences in nursing care of critically ill patient
- Ensure that the available resources in critical care unit and complete personnel are used efficiently and effectively.
- Assist consumers and health care team when taking decisions. Professional and practical skills
- Monitor hemodynamic, oxygenation, blood chemistry and acid base balance of critically ill patient.
- Develop technical skills necessary to function competently within critical care as a professional nurse.
- Demonstrate technical skills in dealing with advanced technology in critical care setting.
- Implement nursing process to provide high quality nursing care to critical care patient.

General and transferable skills

- Communicate effectively with patients, their families and other colleagues
- Develop confidence in clinical decision-making in the critical care setting.
- Collaborate in a respectful manner with peers within critical care setting.
- Develop leadership skills.
- Practice within legal and boundaries.
- Develop skills in dealing with information technology.

Assessment & Assignment: The final exam consists of two parts: Pre & Post Test.

Certificate: Certificate will be provided for students with 100% attendance and

Pass percentage of >80%

Feedback: Online feedback will be obtained at the end of the course.

Name of the course	Value Added Course on Hospital Infection Control
Course code	SVAC20-05
Course offered by	Q-Team (SBV)
Duration and Frequency	2 days / year and 2hrs/day of self study
Intended Audience	Undergraduate students of SBV
Intended Learning Outcomes	 Reduce the menace of hospital acquired infections. Reduce associated increased antimicrobial use and consequent resistance. Reduce associated morbidity and mortality Reduce the treatment costs Overall improvement in patient care and their outcomes.

Course Content: The course consists of 6 week which includes theoretical and practical training in the following aspects of hospital infection control:

Background: Historical journey, organization of hospital infection control, journey of antimicrobials, current scenario and challenges in hospital infection control. Immuno compromised host and a special scenarios. Candidates will be introduced to the basics of hospital acquired infections (HAI). The available data on the rate, incidence of hospital acquired infections, their common causes, other epidemiological aspects, their influence of patient outcome and financial implications in developing countries like India will be discussed with them. The overview of the course will be given to the candidates.

Routes of transmission and their prevention: Various routes of transmission of infection and methods of prevention of infectious diseases in hospital settings.

Infection control programme organization: Role of hospital administration in hospital infection control, hospital infection control committee, infection control team, role of ICN, other staff, infection control manual, introduction to surveillance of hospital infection control.

Surveillance: Different principles and practices of surveillance of hospital acquired infections such as device associated infections (Ventilator associated pneumonia [VAP], Catheter associated urinary tract infections [CAUTI], and Central line associated blood stream infections [CLABSI]), surgical site infections (SSI), Clostridium difficile infection (CDI) and their routine surveillance. Hands on training in surveillance of hospital acquired infections will be provided.

Needle stick injury and post exposure prophylaxis: Needle stick injury (NS1), safe injection practices and post exposure prophylaxis (PEP) protocols among hospital staff, exposure reporting, evaluation of occupational exposure sources.

Sterilization and disinfection: Various physical and chemical methods of sterilisation and disinfection will be taught to the candidates. Cleaning and reprocessing of medical equipment, disinfection of Hepatitis B virus, Hepatitis C virus, HIV or TB contaminated devices. Practical hands on training will be conducted in the department of microbiology.

Personal protective equipment and standard precautions: Correct method of use of personal protective equipment (PPE), the significance of taking standard precautions, elements of standard precautions, supportive measures, administrative responsibilities, education and training of healthcare workers, patients and families will be taught to the candidates.

Isolation protocols: Protocols regarding indications of isolation in relation to infectious diseases such as swine flu, managing a patient during isolation, standard precautions to be taken in these patients will be taught to the candidates

Biomedical waste management: BMW rules 2016 update will be given to the candidates along with hands on training.

Central Sterile Services Department (CSSD): Visit to the central sterile services department along with infection control practices being followed in CSSD. Location and organization of CSSD in a hospital, workflow, transport and reception of non sterile items, cleaning of devices and items, drying, assembling and packaging, sterilization will be discussed in detail.

Laundry: Training on method of collecting and processing used hospital laundry such as linens, towels and other material along with segregation of such articles for sterilization and reuse based on pre-defined criteria will be imparted.

Kitchen: Hospital infection control practices to be followed in the kitchen along with surveillance techniques followed in the kitchen such as cultures of various work surfaces and food items, pest control, waste management, inspection and supervision, cleaning of kitchen, special precautions in food preparation and storage.

Housekeeping: Candidates will be sensitized towards the importance of training and educating the house keeping staff in prevention of hospital acquired infections.

Device associated infections: Comprehensive teaching along with hands on training on various device associated infections such as VAP, CAUTI, CLABSI, their bundle care protocols and related aspects, prevention bundles, safe handover, inventory management, checklist and kits for different protocols such as lumbar puncture kit, central line kit etc.

Antimicrobial resistance (AMR): General aspects of AMR, control of antimicrobial resistance in health care facilities, Extended Spectrum Beta Lactamase producing Gram negative bacteria, Methicillin Resistant Staphylococcus aureus, Vancomycin Intermediate Staphylococcus aureus, CDI, Vancomycinreisitant Enterococci, Mycobacterium tuberculosis, incidence of multidrug resistant organism infections, challenges in routine patient care, antimicrobial stewardship, antibiotic policy and its significance in reducing AMR in hospital.

Value-added Courses

Vaccination: Role of vaccination in reducing severe HAI such as Hepatitis B, H1N1 and other hospital acquired infections. Important vaccines in HIC such as HepatitisB,H1N1,MMR, chickenpox.

Blood spill: Management of blood spill with practical demonstration using simulated conditions.

Hand hygiene: The role of hand hygiene in hospital acquired infection. Steps of hand washing and related topics will be dealt in detail.

Environmental surveillance: Disinfection of OT & ICU and taking surveillance cultures from critical areas, setting up surgical site infection surveillance in hospital.

Assessment & Assignment: The final exam consists of two parts: Pre & Post Test.

Certificate: Certificate will be provided for students with 100% attendance and Pass

percentage of >80%

Feedback: Online feedback will be obtained at the end of the course.

Name of the course	Value Added Course on Medico Legal Case
Course code	SVAC20-06
Course offered by	Q-Team (SBV)
Duration and Frequency	2 days / year and 2hrs/day of self study
Intended Audience	Undergraduate students of SBV
Intended Learning Outcomes	 Recognize medico-legal implications associated with day-to-day clinical practice Utilize the strategies to prevent and defend medical negligence litigation, effectively

Syllabus

Program Structure

- MODULE 01: INTRODUCTION TO HEALTHCARE & PHARMACEUTICAL INDUSTRY
- MODULE 02: INTRODUCTION TO CONSTITUTION AND INDIAN JUDICIAL SYSTEM
- MODULE 03: INDIAN HEALTHCARE CASE LAWS
- MODULE 04: IMPORTANT MEDICAL LAWS IN INDIA PART 1, 2 & 3
- MODULE 05: MEDICAL PROFESSIONAL, PATIENT & THE LAW
- MODULE 06: FUNDAMENTALS OF BIOETHICS
- MODULE 07: ETHICS IN PHARMACEUTICALS & DRUG DEVELOPMENT

Assessment & Assignment: The final exam consists of two parts: Pre & Post Test.

Certificate: Certificate will be provided for students with 100% attendance and Pass percentage of >80%

Feedback: Online feedback will be obtained at the end of the course.

Name of the course	Value Added Course on Fire Safety	
Course code	SVAC20-07	
Course offered by	Q-Team (SBV)	
Duration and Frequency	2 days / year and 2hrs/day of self study	
Intended Audience	Undergraduate students of SBV	
Intended Learning Outcomes	 Have a greater awareness of fire and its associated dangers Understand the generic requirements of a Fire Marshal Have the skills to initiate emergency procedures and promote a positive response from others Be able to identify fire safety hazards and risks in the workplace and report deficiencies Be able to ensure the availability of fire safety resources and equipment Know how to organise emergency evacuations and fire drills in the workplace and report on their effectiveness Have the knowledge to select the correct firefighting equipment relative to its contents, capacity and limitations and operate it safely in the event of fire 	

- Fire protection systems
- Hydraulics and pumps
- Industrial safety management
- Firefighting equipment
- Search and rescue techniques
- Accident investigation
- Special fire hazards
- Explosion and fire dynamics
- Fire safety risk assessment
- Health safety environment
- Sytmetical training

Assessment & Assignment: The final exam consists of two parts: Pre & Post Test.

Certificate: Certificate will be provided for students with 100% attendance and

Pass percentage of >80%

Feedback: Online feedback will be obtained at the end of the course.

Name of the course	Value Added Course on Public Administration in Health
Course code	SVAC20-08
Course offered by	Q-Team (SBV)
Duration and Frequency	2 days / year and 2hrs/day of self study
Intended Audience	Undergraduate students of SBV
Intended Learning Outcomes	

Syllabus MODULES THAT WILL BE COVERED

- Hospital Environment and Healthcare
- HRM
- Medical Terminology and Human Physiology
- Marketing of Hospital Services
- Economics of Healthcare
- Communicative Skills and Report Writing for Hospitals
- Organization and Management
- Decision Making Accounting
- IT for Hospitals
- Commercial Management
- Quantitative Techniques of Management
- BioStat
- Supply Chain Management
- Control Systems for Hospital Management
- Hospital Engineering and Planning
- Hospital Quality Management
- Information Systems Management in Hospitals
- Healthcare Insurance
- Patient Care and Behaviour
- Legal Matters and Ethical Issues of Hospitals
- Operations Research
- Disaster and Risk Management

- Management of Hospital Operations
- Pharmaceutical and Management
- Hospitals Visits
- Entrepreneurship and Healthcare Consultancy

Assessment & Assignment: The final exam consists of two parts: Pre & Post Test.

Certificate: Certificate will be provided for students with 100% attendance and Pass percentage of >80%

Feedback: Online feedback will be obtained at the end of the course.