



SRI BALAJI VIDYAPEETH

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

Pillaiyarkuppam, Pondicherry - 607 402

PROSPECTU

CERTIFICATE COURSE in FIRE SAFETY



Q-TEAM
Managing Healthcare...with care



SRI BALAJI

ACCREDITED BY NAAC
WITH 'A' GRADE



PONDICHERRY

VIDYAPEETH

DEEMED TO BE UNIVERSITY
DECLARED U/S 3 OF THE UGC ACT, 1956

VISION & MISSION

VISION

- Sri Balaji Vidyapeeth will strive to be a premier global health sciences university leading in the frontiers of education, research and patient care.

MISSION

- To create an innovative ecosystem that facilitates the development of health care professionals.
- To contribute to the health care workforce with competent and committed professionals.
- To provide preventive, curative and palliative high quality evidence – based care that is affordable and accessible.
- To foster a culture of scientific inquiry, research and innovation in contemporary and emerging health and related sciences.
- To be inclusive and committed in promoting wellness and empowerment of the society.

VALUES

- Inclusiveness, Integration, Innovation
- Engagement, Empowerment, Excellence



CHANCELLOR'S MESSAGE

Dear Students,

You are our National Treasure, and our Country's Future is in your safe Hands. Our Nation looks forward to utilizing your talents in service to the Society. We firmly believe that the moulding of the student into a well-rounded professional largely depends on the broad vision of an educational Institute.

Sri Balaji Vidyapeeth is an embodiment of a broader vision and planned development of a sound education system... where the environment is conducive and pleasant to study, live and work, where education and research hand in hand flourish... where the hidden and inherent skills and talents of the students are nurtured and developed for the benefit of the society, for generations to come.

Come, join our world. Let us create a better, viable, integrated global community of shared benefits, responsibilities and values for the benefit of all things living. Our origins and lives may be different, but we do share the same planet and belong to the same Mother Earth. And remember.... you are the nation's greatest gift and we are duty bound to do our best to our Nation.

Shri. M. K. Rajagopalan

Founder and Hon'ble Chancellor, SBV

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 to 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 are already noted for the excellence in various avenues including teaching, research, and service to the community, especially those who are marginalised and underserved. SBV is 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 make your parents and educators proud. We wish you all the very best and hope that you would soon emerge as a researcher par excellence.

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 Balaji 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 patients 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.

Introduction of the course

Name of the course	CERTIFICATE COURSE IN FIRE SAFETY
Duration and Frequency	2 days / year and 2hrs/day of self study
Intended Audience	Undergraduate students of SBV
Intended Learning Outcomes	<ul style="list-style-type: none">• 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
Course details	Lecture 16hrs

SYLLABUS

- 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
- Practical training

Subjects of Study	Description
Special Fire Hazards	Techniques to use during the fire, use of first-aid
Fire Protection Systems	Intricate study of protection systems used during the fire.
Firefighting equipment	Study of various tools of firefighting equipment
Search and rescue techniques	Steps to apply during emergencies
Accident investigation	Cause and reason of fire, investigate the lapse of security measures
Fire safety risk assessment	In-depth study of risks and methods to deal
Health safety environment	Monitoring safety and preventive measures to avoid accidents.
Industrial safety management	Methods to apply in industries for safety
Hydraulics and pumps	Use of hydraulics and pumps, methods to use them.
Explosion and fire dynamics	Theory
Practical training	Training

Course Content:

- an overview of the Fire safety legislation
- Understanding the physics and chemistry of fire
- Development and spread of fire
- Action in the event of a fire
- Means of raising an alarm
- Means of summoning the fire brigade
- Action on hearing the fire alarm
- Evacuation procedures
- Practical demonstration in the use of foam and CO2 fire extinguishers using our state of the art gas fired training system.

Assessment & Assignment

Pre-test & Post-test will be conducted

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.