



SRI BALAJI VIDYAPEETH

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

Pillaiyarkuppam, Pondicherry - 607 402

Value Added Course Prospectus 2015-2018

Vice-CHANCELLOR's Message



After the heady success of achieving NAAC A-grade in November last year, the current year has been a sobering watershed year due to major changes in student intake, ushered in by the NEET - 2016. All the private educational institutions in India needed to make major adjustments in their structure and functions to accommodate the new socio-political and economic realities.

At SBVU, since an excellent infrastructure for a large scale operation has been put in place by the visionary Chairman of SBECPT, Shri. M.K.Rajagopalan, the medical and dental institutions could cope with these adjustments without too much difficulty. The faculty members are infact pleased with the 'First NEET intake' as the cohort of students seen to be a performance-oriented lot.

The results of university examinations have been quite acceptable. The initiative by the supplementary examinations for year-1 MBBS within 6-8 weeks of the main exam has successfully brought the referred batch back to the mainstream. Over the next four years, the medical faculty would have no "supplementary batches". Meanwhile, the Faculty of Allied Health Sciences in forging ahead, thanks to the centres of yoga therapy (CYTER), Music therapy (CMTER), and Health Professions Education (HPE). University of IOWA has sent dental Student for short-term observership to IGIDS. This is likely to expand in future. KGNC is as always, rock-solid in its execution of academic programmes and the documentation.

Our Central Inter-Disciplinary Research Facility (CIDRF) has got a multi-crore grant from the Department of Biotechnology (DBT) Government of India to set up a regional centre for Small Animal Research. In sync to achieve the vision of the top leadership, SBVU and its constituent units are poised for greater growth in the years to come.

Prof. K.R.Sethuraman

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.Ananthkrishnan, 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	Certificate Course in American Heart Association accredited ACLS & BLS
Course code	SVAC15-01
Course offered by	Mahatma Gandhi Medical College & Research Institute
Duration and Frequency	Two Days (9 am to 4 pm) (2hrs /day of self-study)
Intended Audience	All Postgraduate resident doctors of MGMCRI undergo mandatory training in ACLS
Intended Learning Outcomes	<ul style="list-style-type: none">• Knowledge of Basic procedures in managing emergency cardiovascular and basic life support.

Course content

The ACLS Provider Course emphasizes 3 major concepts:

- The crucial importance of high-quality CPR to patient survival
- The integration of effective BLS with ACLS interventions
- The importance of effective team interaction and communication during resuscitation

The course content includes

- Airway management
- Basic life support skills, including effective chest compressions, use of a bag-mask device & use of an AED
- Effective communication as a member and leader of a resuscitation team
- Effective Resuscitation Team Dynamics
- Key changes in advanced cardiovascular life support, reflecting the 2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care
- Management of acute coronary syndromes (ACS) and stroke
- Recognition and early management of peri-arrest conditions such as symptomatic bradycardia
- Recognition and early management of respiratory and cardiac arrest
- Related pharmacology

The course is designed to give students the opportunity to practice and demonstrate proficiency in the following skills used in resuscitation:

- BLS and ACLS surveys
- CPR and AED
- Airway Management
- Rhythm recognition
- Defibrillation
- Use of medications

- Cardio version
- Transcutaneous pacing
- Team resuscitation concept (team leader and team member)
- Post-cardiac arrest care

Evaluation and Course Completion Requirements:

To complete the ACLS Provider course successfully and to be eligible to receive the AHA ACLS Course completion card, a student must

1. Pass the 1-Rescuer CPR and AED Test
 2. Pass the 1-Rescuer bag-mask ventilation Test
 3. Demonstrate competency in all learning station skills
 4. Pass the Mega code Test
- Pass the Written Exam with a score of at least 42 out 50 (84%) Multiple Choice Questions

Name of the course	Academic Enrichment and Research Orientation Program for Post graduates (AERO)
Course code	IVAC15-01
Course offered by	Indira Gandhi Institute of Dental Sciences, SBV
Duration and Frequency	Annually, One day/ week for four months in a year
Intended Audience	<ul style="list-style-type: none"> • First year Post Graduate Students from Dentistry. • Dental students interested in Research
Intended Learning Outcomes	<ul style="list-style-type: none"> • Students are exposed to all basics of computing • Related digital technology • Research methodology and biostatistics • Photography • Software in data analysis and Formatting • Reference management software • Pedagogy

Syllabus

- Research methodology & Biostatistics
- Literature search
- Protocol writing
- Ethics in research
- Reference management software
- Do's and Don'ts of a PowerPoint presentation
- Case documentation (Methods of Physical and Electronic Case Documentation including Software)
- Dental photography
- Evidence based Dentistry
- Critical appraisal of article & how to present journal club
- Seminar presentation guidelines
- Communication skills & Professionalism
- Time & stress management
- Teaching learning principle/ adult learning principle VARK Questionnaire
- Pedagogy training—How to write a Lesson plan & microteaching
- Scientific paper/ poster presentation tips
- How to write a thesis
- How to write a manuscript

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

Certificate: Certificate will be provided for students with >80% attendance and Pass percentage of 50%

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

COURSE FEE: Nil

Name of the course	Systematic Competency Oriented Education for Dental Interns
Course code	IVAC15-02
Course offered by	Indira Gandhi Institute of Dental Sciences
Duration and Frequency	One day/week for three months every year
Intended Audience	CRRIs of IGIDS
Intended Learning Outcomes	<ol style="list-style-type: none"> 1. Ability to diagnose and plan treatment for common diseases and conditions of teeth and oral cavity, define the role of general dentist in handling such conditions and timely referral to specialist. 2. Ability to effectively motivate the public towards good oral hygiene practices, educate them to follow oral hygiene measures and to abstain from habits that could prove detrimental to the health of the dental and oral tissues. 3. Ability to diagnose early disease states or conditions that would require early recognition, like incipient carious lesions, premalignant lesions, developing malocclusions, growth and developmental disorders and to carry out preventive and interceptive measures by timely referral to the specialist 4. Ability to choose appropriate treatment from the available options for common oral conditions and to assist the patient in decision making by explaining the pros and cons of individual procedures 5. Ability to diagnose pain in relation to head and neck arising due to odontogenic or non odontogenic causes and outline the line of treatment for such conditions. 6. Ability to effectively use diagnostic adjuncts like biopsy, cytological examination, radiographs, blood investigations to arrive at a confirmative diagnosis and to correlate the results with clinical findings to arrive at a definitive diagnosis. 7. Ability to prescribe the appropriate pain killers, antibiotics for common infections, diseases or conditions of the oral cavity

Syllabus

Outline of SBVs SCORE for IGIDS

1. Sensitization of the Programme to the CRRIs
2. CRRIs subjected to systematic teaching and training pertaining to the skill list of IGIDS.
3. Regular classes fortnightly by various departments individually or combined with case based, problem based learning approach addressing the skill list outlined by the institution.
4. The student can choose an elective [only if applicable in departments] and prepare a report at the end of the training.
5. Training will be focused on diagnostic aspects [to develop critical thinking and decision making skills

6. All interns will be assessed periodically and also assessed at the end of posting for the various skills from the department.
7. All the assessment will be followed by feedback for improvement.
8. If found deficient in the acquirement of the skill, the student can ask for an extension and can obtain minimum competency level.
9. The entire programme is student centered. Choice of the student in pacing of the programme and electives are introduced to encourage student participation.

The SBVs SCORE programme is tailor made for the institution using SPICES guidelines of Medical Curriculum and other contemporary best practices in teaching and learning to make the learning experience enjoyable

Assessment & Assignment: Pre test & Post test will be conducted

Certificate: Certificate will be issued to those with >90% attendance, completion of assignments & tests

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

Course Fee: Nil

Name of the course	Value added course in protocol Writing
Course code	SVAC16-01
Course offered by	Mahatma Gandhi Medical College & Research Institute
Duration and Frequency	5 days / year (2.00pm - 5.30pm) *17.5 hrs.
Intended Audience	Post Graduate students of SBV
Intended Learning Outcomes	<ul style="list-style-type: none"> • Will be able to write a protocol efficiently for research proposals. • Will be able to publish the research as articles

SYLLABUS

MODULE THAT WILL BE COVERED

- Introduction to the workshop
- How to get started with the dissertation
- Writing Aims and Objectives, Material and Methods
- Cleaning data, preparing master chart, analysis, generating tables and figures
- Writing review of literature and references
- Writing Observations and results
- Group tasks and plenary on writing
- Observation and results
- Writing Discussion
- Group work and plenary on discussion
- Writing introduction
- Group task and plenary on introduction
- Writing Acknowledgements, Formatting and Layout of Dissertations, certificate, plagiarism check and uploading
- The final check
- Converting Dissertation into Journal Article

Assessment & Assignment: Pretest & Posttest 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.

Course Fee: Nil

Name of the course	CREAMS - Clinical Research and Audit by Medical Students
Course code	MVAC16-01
Course offered by	Mahatma Gandhi Medical College and Research Institute, SBV
Duration and Frequency	4 days / year (6 hours a day) (6 *4=24hrs)
Intended Audience	Undergraduate students of SBV
Intended Learning Outcomes	<ul style="list-style-type: none"> • Aims to introduce Hospital as a System • To observe and learn workflows and processes • To study patients' profile in a hospital • To understand what the patients expect from a Healthcare setup

SYLLABUS

MODULE THAT WILL BE COVERED

Activities

- Anesthesia-facilities/services Offered
- Preparation for emergency & elective surgeries
- B2 OT
- POST OP MONITORING & CARE
- D 1 OT - facilities/process/mapping
- GENERAL ANAESTHESIA - what, why and how
- How sterility is maintained in the OT environment
- REGIONAL ANAESTHESIA BLOCKS - what, why and how
- central lab - equipment's/services/maintenance, WORKFLOW
- CENTRAL LAB-PATIENT INTERACTION
- Quality assurance lab
- BLOOD MAP - FLOOR PLAN, EQUIPMENT, SERVICES & / Blood donation promotion
- Blood bank - screening, collection, issue, expired blood
- Cardio OPD/Wards - services/facilities/floor map
- Post MI cardiac rehabilitation
- Housekeeping services
- Campus map - transect walk, buildings and road safety
- Insurance claims - process (who gets, how, what is covered, suggestions)
- Plastic use - source identification in the campus waste segregation
- Maintenance services (plumbing & electricity)
- Water stagnation inside the campus

- MRD - floor map, services offered
- HMS - backbone, what is it, how it is useful
- Water tank
- Fire safety
- DVL OPD-PATIENT INTERACTION
- DVL OPD-map/services/facilities
- Multidrug therapy - Hansen's
- ICTC - pre & posttest counseling for HIV
- I 4 - PATIENT INTERACTION
- ENT OPD - PATIENT INTERACTION
- ENT OPD - OPD - floor plan, facilities, AUDIOMETRY
- Services for hearing impaired
- Triage of patients in emergency dept. - how and why
- AMBULANCE services
- GM OPD-PATIENT INTERACTION
- GM IP-PATIENT INTERACTION
- D4 ward-methods of drug administration/drug charting
(At least 2-3 of each type)
- GM OPD-PATIENT INTERACTION
- GM IP-PATIENT INTERACTION
- GF of the hospital-map/floor plan/unique/deficiency
- Cross ref across depts. (study)
- GM OPD-PATIENT INTERACTION
- GM IP-PATIENT INTERACTION
- COMPREHENSIVE CARE OF THE DIABETIC PATIENT - OP & IP
- GM OPD-PATIENT INTERACTION
- GM IP-PATIENT INTERACTION
- GM OPD - ECG- how is done/what is it? Why? process and use
- OG OPD-PATIENT INTERACTION
- OG IP-PATIENT INTERACTION
- OG OPD - floor map
- II TRIMESTER ANOMALY SCAN & PNDT ACT
- OG OPD-PATIENT INTERACTION
- OG IP-PATIENT INTERACTION
- LABOUR ROOM COMPLEX - floor map
- AN CARE - LOW RISK and high risk PT
- OG OPD-PATIENT INTERACTION
- OG IP-PATIENT INTERACTION

- FP counseling
- OG OPD-PATIENT INTERACTION
- OG IP-PATIENT INTERACTION
- PN CARE - SVD AND LSCS
- CENTRAL LAB-PATIENT INTERACTION
- Path lab in college - equipment's/services/maintenance/WORKFLOW
- PATH LAB COLLEGE - EQUIPMENT, SERVICES & PROCESSES
- Pharm - PATIENT INTERACTION
- Pharm - CLASSIFICATION OF DRUGS, HOW DRUGS ARE STORED, INVENTORY
- Pharm - PATIENT INTERACTION
- ISSUE OF DRUGS - PROCESS STUDY FROM PRESCRIPTION RECEIVING TO ISSUE TO PATIENT
- Pharm - PATIENT INTERACTION
- Pharm - 10 common OPD / IP drugs
- Psychiatry - facilities, processes/services
- Psychiatry - Group therapy and awareness program
- Radiology dept.-map/floor plan/services/facilities
- How an X-ray / USG is done
- RADIOLOGY - PATIENT INTERACTION
- RADIOLOGY - PATIENT INTERACTION
- CT/MRI/INTERVENTIONAL PROCEDURES
- Radiation safety measures
- TBCD OPD - PATIENT INTERACTION
- TBCD OPD - Map, facilities, services, TB - DISEASE BURDEN, SPREAD
- RNTCP GUIDELINES & DOTS THERAPY
- MDR TB - MANAGEMENT
- care of catheters/drains/tubes
- Yoga - floor map/facilities/services

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

Certificate: Certificate will be provided for students with >80% attendance and Pass percentage of 50%

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

Name of the course	Post Graduate Orientation Course on Teaching & Learning Methods
Course code	SSVAC16-01
Course offered by	Shri Sathya Sai Medical College & Research Institute
Duration and Frequency	3 days & every year (9.00am - 4.00pm)
Intended Audience	Post graduate students at SBV
Intended Learning Outcomes	<ul style="list-style-type: none"> To Familiarize the post graduates with the Competency Based Post Graduate Curriculum and E portfolio Making. To orient the participants towards the Scientific Approach towards Medicine and Patient Care.

Syllabus

Topic

1. Competency-based medical education: Theory to practice
2. Guidelines on Seminar Presentations
3. How to Prepare for and present a Journal Club
4. Approach to Presenting a Clinical Journal Club
5. STROBE Checklists
6. Guidelines for writing a research project synopsis or protocol
7. Communication skills competencies: definitions and a teaching toolbox
8. Ethical and professional conduct of medical students: review of current assessment Measures and controversies
9. Confidentiality and the duties of care
10. Hospital Do-Not-Resuscitate Orders: Why They Have Failed and How to Fix Them
11. Patient-Physician Relationship; A keystone of Care in Emerging Health Care System
12. Entrustable Professional Activities: Teaching and Assessing Clinical Competence
13. Medical humanities in medical education and practice
14. Teaching and Assessing Professionalism in the Indian Context
15. Workplace-based assessment as an educational tool: AMEE Guide No. 31
16. The Dark Bridal Canopy
17. The Gibbs Reflective cycle
18. Reflective writing: a basic introduction
19. Key Points for Developing an Elegant Presentation
20. Practice-Based Learning and Improvement

Assessment & Assignment: Pretest & Posttest will be conducted

Certificate: Certificate will be issued to those with 100% attendance, completion of Pre-test and Posttest.

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

Course Fee: Nil

Name of the course	Certificate Course In Research Methodology
Course code	KVAC16-01
Course offered by	Kasturba Gandhi Nursing College, SBV
Duration and Frequency	2 days & every year 8.00 am – 5.00 pm with 2hrs self-study/day
Intended Audience	B.Sc.(N) IV year & M.Sc.(N) Students
Intended Learning Outcomes	<ul style="list-style-type: none"> • To create platform for academicians and postgraduates • To improve understanding and knowledge in Research Methodology • To impart practical knowledge on Research Methodology • To initiate research in their related disciplines.

Syllabus

Research Overview

We empower students and faculty to solve the challenging problems of time. Involvement in research gives our students the opportunity to gain valuable experience and make new discoveries in our labs and communities. Selection of topic, reviewing the literature, Developing your theoretical and conceptual frameworks, clarifying your research question, developing a research design, collecting data, analyzing data, and drawing conclusions.

Guidelines for Writing Literature Review

Review APA guidelines. Decide on a topic. Identify the literature that will review. Analyze the literature. Summarize the literature in table or concept map format. Synthesize the literature prior to writing your review. Writing the review

Applying Conceptual Framework

A conceptual framework is used to illustrate what you expect to find through your research, including how the variables are considering might relate to each other.

Data Collection Methods

Data collection tools refer to the devices/instruments used to collect data, such as a paper questionnaire or computer-assisted interviewing system. Case Studies, Checklists, Interviews, Observation sometimes, and Surveys or Questionnaires are all tools used to collect data.

Planning for Data Analysis

A data analysis plan is a roadmap for how to organize and analyze your survey data. Set the stage for the analysis plan by stating the objective or purpose, hypotheses or questions to be addressed, and the specific aims of the investigation.

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

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

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

COURSE FEE: Rs. 500 /-

Name of the course	Value added program on Systematic Training Program for Interns
Course code	MVAC17-01
Course offered by	Mahatma Gandhi Medical College & Research Institute
Duration and Frequency	2 days / year (8.00am-5.00pm) and 2hrs /day of self-study
Intended Audience	Interns of SBV
Intended Learning Outcomes	<ul style="list-style-type: none"> • Knowledge of Basic procedures • Knowledge in Soft skills

SYLLABUS

MODULE THAT WILL BE COVERED

- Team Work
- AC pain Relief
- ECG
- Financial management and investments
- ABG + O2 therapy
- Initial assessment of trauma
- Clinical Note making
- Shock
- Suturing
- Informed consent
- Problem oriented approach in radiology
- Universal precautions and biomedical waste management
- Principles of rationale diagnostics and rationale prescription practices
- Introductory module
- Professionalism
- First aid
- Communication skills
- Procedural skills in surgery
- Catheterization
- RT insertion
- Blood transfusion

Assessment & Assignment: Pretest & Posttest 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.

Course Fee: Nil