

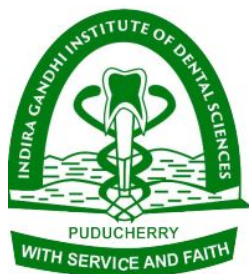
SRI BALAJI VID YAPEETH

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

Pillaiyarkuppam, Pondicherry - 605 002

PROSPECTUS

SYSTEMATIC COMPETENCY ORIENTED EDUCATION for DENTAL INTERNS (SCORE)



**INDIRA GANDHI INSTITUTE OF
DENTAL SCIENCES**

THE UNIVERSITY LOGO



Inspired by Spirituality

An Institution is born

To educate in healthcare

and shine welfare on all

through diligent labour

illuminated by research & knowledge

'Let Well being Prevail'

VISION

To be in the forefront of higher education in order to give India the high calibre manpower she needs.

MISSION

- ▶ To raise SBV and its constituent institutes to be among the top ten institutions in the country.
Value: Excellence
- ▶ To empower our students so that they are considered at par with global standards with regards to their competence, professionalism, ethical Practice of holistic, compassionate and evidence based medicine and as dedicated researchers.
Value: Student empowerment
- ▶ To bring about an integration in teaching learning process which ensures a holistic approach to learning and a better comprehension from the students.
Value: Collaboration
- ▶ To develop innovative and credit based courses in areas of national priorities.
Value: Innovation, Excellence
- ▶ To train healthcare professionals to be active members of healthcare delivery in a com-passionate and holistic manner.
Value: Social accountability, Compassion
- ▶ To foster research in areas of national and international priorities such as personalized medicine, regenerative medicine and drug development for Tropical diseases.
Value: Innovation, Social accountability
- ▶ To foster cooperation with industry to enable the benefits of research to reach the com-munity.
Value: Collaboration, Community Service
- ▶ To foster academic and research collaborations both nationally and internationally to enable SBV to be an active participant in emerging areas of medicine
Value: Collaboration, Innovation
- ▶ To focus on the interface between modern medicine and complementary and alternate medicine to create evidence for their synergistic use.



SHRI.M.K.RAJAGOPALAN,
Chairman
Sri Balaji Educational & Charitable Trust

CHANCELLOR'S MESSAGE

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

Sri Balaji Vidyapeeth University 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 ... 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. Whatever be your ambition in health profession, the University's renowned course curriculum, Reintegrate contemporary developments and needs, provide opportunities for observation, investigation and discussion, thus motivating and nurturing young talents within the dynamic intellectual environment of SBV(DU). Our highly qualified, skilled and experienced academic team, fostering innovation and generating new knowledge, is dedicated to help you achieve the best. Sri Balaji Vidyapeeth's prime goal is to create an enlightened and healthy society and it has been at the vanguard of Nation development, supporting the progress of Humanity through high standards of education and research, for a long, sound, purposeful and meaningful life. Come, join our world. Let us create a better 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 for our Nation.

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

Path, FAMS, FICPath , FABMS , FICAI,FISCD, FIAVP, FIATP and FIMS

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.

Introduction of the course

Name of the course	Systematic Competency Oriented Education for Dental Interns
Duration and Frequency	One day/week for three months every year
Intended Audience	CRRI 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 specialist4. 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 procedures5. 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. Sensitisation 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

Skill List

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 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.
5. 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.
6. 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
7. Ability to prescribe the appropriate pain killers, antibiotics for common infections, diseases or conditions of the oral cavity.
8. Ability to correlate the impact of systemic health on the oral cavity and vice versa and to seek medical opinion through appropriate referrals.
9. Ability to perform behavioral management with applied principles of child psychology in children requiring dental treatment.
10. Ability to recognize a child with special care needs, identify the limitations during treatment and realize the need for referral.

11. Ability to perform dental and oral procedures in a pediatric or geriatric patient and to involve the guardians or parents during treatment planning and management.
12. Ability to perform extractions and minor oral surgical procedures under local anesthesia.
13. Ability to perform early management of traumatic injuries to head and neck, carry out emergency procedures, to prescribe appropriate investigations and carry out emergency referrals.
14. Ability to identify common medical emergencies in dental office like bleeding, syncope, seizure, hypoglycemic episode, hyperventilation and anaphylaxis, to manage the same within the scope of a dental surgeon and also realize the need for early medical intervention.
15. Ability to assess vital signs, perform basic life support and administration of intra-muscular, intravenous and subcutaneous injections in appropriate situations.
16. Ability to carry out restorative procedures, endodontic treatment with regular as well as recently available materials and to assess the outcomes.
17. Ability to carry out replacement procedures for missing teeth with removable and fixed prosthetic options, to the satisfaction of the patient.
18. Appreciate the principles of esthetics as related to dental restorations and replacements and provide optimal results in restorations and replacements.
19. Ability to identify diseases of the periodontium and devise management protocols for the same.
20. Ability to carry out preventive procedures like oral prophylaxis using ultrasonic and hand instrumentation, pit and fissure sealants, fluoride application and early replacement of missing teeth
21. Ability to realize the importance of laboratory support and be able to guide the technicians involved in fabrication of restoration and replacements.
22. Ability to perform comprehensive dental care, with an interdisciplinary case management strategy.
23. Ability to organize and execute public health programmes.
24. Ability to perform simple epidemiological research for assessment of demographical status, incidence or prevalence of a disease or condition.
25. Ability to identify the community needs in prevention of a dental or oral disease and to carry out an action plan for prevention or management of the same.
26. Ability to carry out community centered practice at a rural health set up and perform primary care services like scaling, restorations and simple extractions.
27. Ability to follow universal precautions, practice sterilization and asepsis during dental procedures and waste management.

Certification

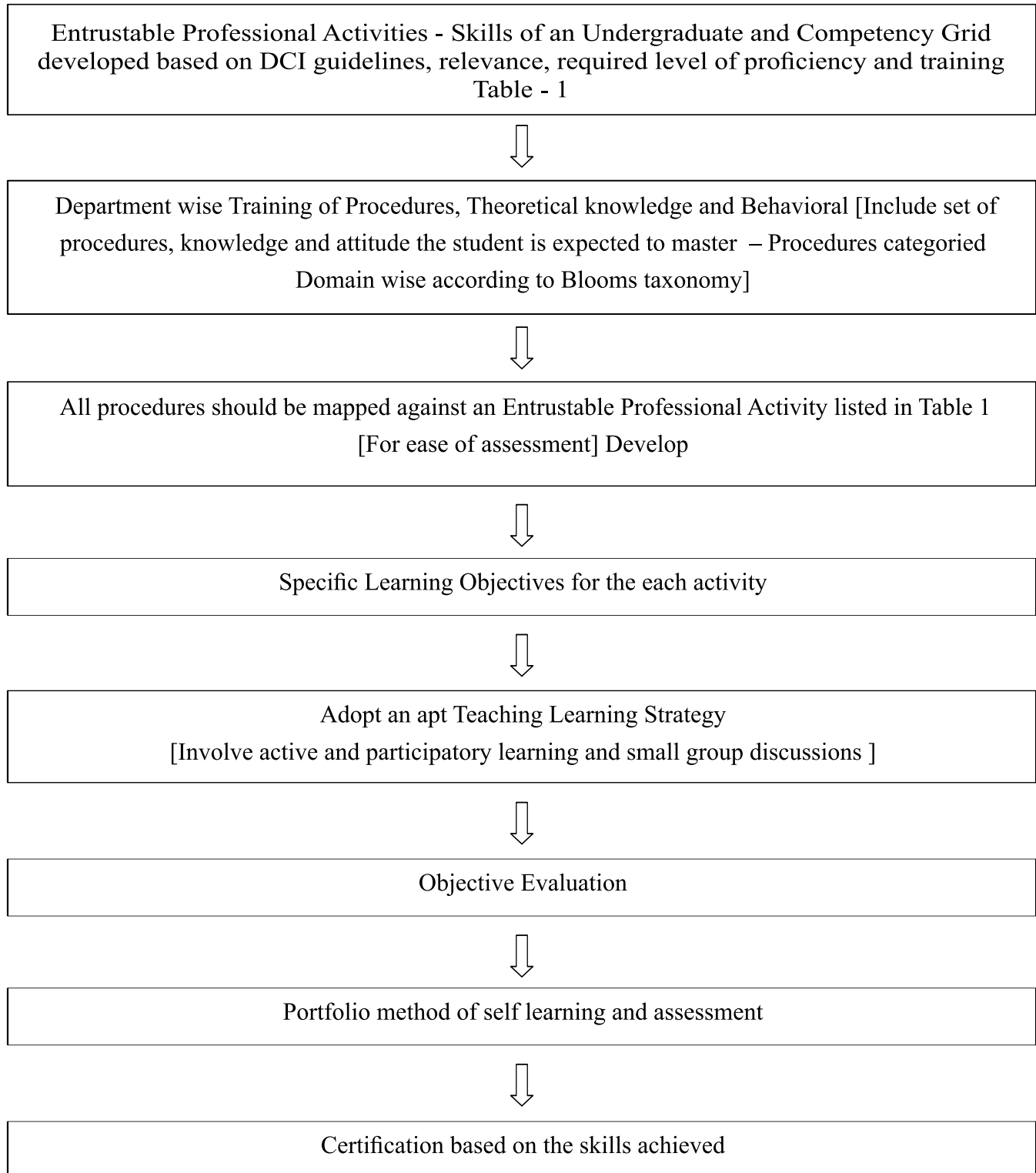
Certificate will be issued to those with >90% attendance, completion of assignments&tests .

Feedback

Offline feedback will be obtained at the end of the course.

Additional Information

Flowchart 1 : Developing a Skill Based Model for Undergraduates



What would SBV/IGIDS's SCORE offer the Dental Fraternity?

1. A customized design for Indian Institutions which is relevant [globally and locally]
2. A certification which would be through systematic assessment after meticulous training in the relevant Professional activity and competency.
3. Impetus on development of communication skills and professionalism through the course.
4. Student centeredness of the curricular design which would involve the student to participate more in the learning and training activities.
5. More problem based/solving approach to develop critical thinking and decision making skills as a general dentist.
6. Incorporation of electives encourages student to develop their area of interest.
7. Making the training robust with assessment using contemporary work place based assessment tools.
8. Providing timely constructive structured feedback for scope of development of the skill and competency required.
9. A Statement of Achievement at the end which would be an incentive for the student to participate in training programme more actively.