



# **SRI BALAJI VIDYAPEETH**

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

Pillaiyarkuppam, Pondicherry - 607 402

## **SBV POLICY FOR RESEARCH PROMOTION**

**2019**

**Revised Edition of 2014**

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(DEEMED -TO –BE- UNIVERSITY)

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Prepared by	Reviewed by	Approved by
<b>Name:</b> 1. Dr. Selvaraj Stephen 2. Dr. Pratebha Balu  <b>Designation:</b> 1. Assoc. Dean Research, MGMCRI 2. Assoc. Dean Research, IGIDS	<b>Name:</b> 1. Mr.RalphAlexander Mathews 2. Dr. Adithan C  <b>Designation:</b> 1. Legal Officer & Head, HR, SBV 2. Dean – Research, SBV	<b>Name:</b> Dr.Subhash Chandra Parija.  <b>Designation:</b> Vice Chancellor, SBV
<b>Date:</b> 30-10-2019	<b>Date:</b> 21-11-2019	<b>Date:</b> 10-12-2019 <b>BoM Approval:</b> 17-12-2019

### Document Revision History

Date	Edition Number	Brief Description of change	Change Request Number
29/05/2014	Original	----	
17.12.2019	1.00	VanyAdithan Fellowship of Rs. 15,000/pm and an annual contingency of Rs. 100,000/- will be sanctioned to meritorious Full-time Ph.D. scholars of SBV for four Ph.D. Full-Time candidates. Total amount for three years is Rs. 36 Lakhs.	SBV – RES PRO-PL- 2014 Page No: 6
17.12.2019	2.00	Conducting International Health Research Conventions every year to share cutting edge research findings in emerging and niche areas thus increasing visibility of SBV globally.	SBV – RES PRO-PL- ORG/2014 Page No: 10
17.12.2019	2.00	Extramural research(EMR):  Immediately following the announcement of EMR projects by funding agencies, the Deanery Research will conduct workshops to facilitate the investigators in submitting their Concept / Full proposals.	SBV – RES PRO-PL- ORG/2014 Page No: 7
17.12.2019	2.00	Sri. MVK. Iyer Fellowship of Rs. 15,000/pm and an annual contingency of Rs. 50,000/- will be sanctioned to meritorious Full-time Ph.D. scholars of SBV.	SBV – RES PRO-PL- ORG/2014 Page No: 6
17.12.2019	2.00	Implementation of performance-linked incentive system on the basis of yearly research outcome.	SBV – RES PRO-PL- ORG/2014 Page No: 10
17.12.2019	2.00	Urkund– Plagiarism check software is made available freely to all faculty and scientists to enable to do plagiarism check.	SBV – RES PRO-PL- ORG/2014 Page No: 9

## TITLE AND APPLICABILITY : SBV POLICY FOR RESEARCH PROMOTION -2019

The policy on Research Promotion at Sri Balaji Vidyapeeth (SBV) will henceforth be known as “**SBV POLICY FOR RESEARCH PROMOTION - 2019**” This policy is applicable to all the constituent colleges and centers of SBV- both in campus and off-campus.

### PREAMBLE

Sri Balaji Vidyapeeth (SBV) is a Health Sciences Deemed to be University accredited by NAAC with A Grade. **SBV** is one among the **top 100 Universities** in India, as per India Rankings 2019 published by NIRF (MHRD, Government of India). At any given timeline, SBV has nearly **four thousand** students pursuing various courses in the **five constituent colleges**, viz., Mahatma Gandhi Medical College and Research Institute (MGMCRI), Sri SathyaSai Medical College and Research Institute (SSSMCRI), Indira Gandhi Institute of Dental Sciences (IGIDS), Kasturba Gandhi Nursing College (KGNC) and Sri SathyaSai College of Nursing (SSSCON), six **seven centres** - Medical Simulation Centre (MSC), Centre for Yoga Therapy, Education and Research (CYTER), Central Inter-disciplinary Research Facility (CIDRF), Centre for Health Professions Education (CHPE), Centre for Music Therapy, Education and Research (CMTER), Centre For Animal Research and Training service(CAReTs) and ASTRA (Cadaver Lab). These endeavours are enabled through the Faculties of Medicine, Dentistry, Nursing, Pharmacy and Allied Health Sciences(AHS).

This policy on Research Promotion elaborated by Sri Balaji Vidyapeeth, in order to nurture and accelerate research in both conventional and emerging areas as detailed in this document, namely “**SBV Policy for Research Promotion**”.

The overall objective this the policy is to **achieve excellence in fundamental as well as applied or translational the research** leading to National and International recognition along with the top Health Care Universities in India. Therefore, to achieve this benchmark SBV realizes the significance of setting priorities around basic and translational research for development bench to bedside solutions, quality of research and development of clinically relevant innovative products and protocols for benefit to the community at large.

### PURPOSE OF THE POLICY

The Research policy of SBV is drawn to create a **user-friendly and robust research environment** in our on-campus institutes/centers that include MGMCRI, IGIDS, KGNC, CIDRF, CYTER, CMTER, MSC, FAHS, CHPE, School of Pharmacy and our off-campus institutions, namely SSSMCRI, SSSCON and ASTRA Cadaver Lab. This will also be applicable to the upcoming “MGM Advanced Research Institute” (MGMARI) and all other new R&D initiatives in the near future.

## SCOPE AND TERMS OF REFERENCE

**Setting priorities for research** in the local, regional context with relevance to national and international trends and development in health science and technology.

**Focus on** and foster SBV **priority areas** of high quality **translational and applied health services research** and **innovation** where we are, or have the potential to be leading at National and international levels. The activities include:

- Identify strengths and work with all our constituent colleges and centers build critical mass in translational and applied health services research.
- Provide **protected time for planning and execution of research** from out of regular clinical engagements.
- **Provide skilled support and information for grant applications**; navigation of regulatory and approval processes and delivery of studies, including where these span different organizations and sectors
- Take measures for **promoting recognition regulatory, statutory bodies and funding agencies** of the quality of research, facilities and laboratories through certificates and grants and awards.

**Train, mentor and support research activities** to deliver high quality translational and applied health services research of direct patient benefit in our priority areas of research. The activities include:

- **Provide state-of- the art clinical research facilities** and infrastructure, and enable access to them.
- Increase the **participation in Government and Non- Governmental Portfolio** clinical studies.
- **Identify emerging talent** and provide academic mentorship.
- Promote and develop patient/public involvement for all clinical studies.

**Develop a culture** in which research and innovation are embedded in routine clinical services leading to improvements in patient care. The activities include:

- Provide **Seed Money** (intramural research grants) active faculty appropriate financial resources to deliver research. Engaged actively in priority research.
- Provide handholding support and incentives publications and research and innovation in high quality clinical care.

- Encourage faculty, scientists, research scholars and students to attend National/ International conferences/seminars/Continuing Education Programs/workshops for research capacity building.
- Encourage and nurture students, research scholars to appear for examinations and national test conducted by various central and state government agencies for obtaining research fellowships and young scientist grants for augmenting to research requirements in Ph.D and Post-doctoral studies.
- Vany Adithan Fellowship of Rs. 15,000/pm and an annual contingency of Rs. 100,000/- will be sanctioned to meritorious Full-time Ph.D. scholars of SBV for four Ph.D. Full-Time candidates. Total amount for three years is Rs. 36 Lakhs.
- Sri. MVK. Iyer Fellowship of Rs. 15,000/pm and an annual contingency of Rs. 50,000/- will be sanctioned to meritorious Full-time Ph.D. scholars of SBV.
- Augment and provide open **innovation opportunities by strengthening its innovation ecosystem** through transparent and facilitative measures, encouraging collaborations and technology transfer with private sector, competency building, and seed money for proof-of-concept R&D, encouraging multidisciplinary and interdisciplinary interaction among basic science researchers and clinicians and AYUSH system of Medicine.
- Guiding and facilitating **IPR related activities** amongst faculty and students of SBV (**copyrights, patents and technology transfer**)

Promote partnerships and **networks within constituent colleges and center of SBV** and also with local, regional, national and international research institutions and universities and hospitals in the public and the private sector to strategically and operationally align our research and clinical strengths and support the delivery the overall objectives of this policy. **The activities include:**

- Generate critical mass by aiming for closer integration across the partnerships by aligning our research infrastructure and investment priorities.
- **Handholding and facilitating** faculty, research scholars, scientists and students in Grant writing for submitting proposals (Concept proposals as well as full proposals) **for extramural funds (EMR)** to maximize external funding for research and innovation.
- Extramural research (EMR): Immediately following the announcement of EMR projects by funding agencies, the Deanery Research will conduct workshops to facilitate the investigators in submitting their Concept / Full proposals.
- Establish agreements with all kinds of mentioned above partners to ensure efficient and seamless working, maximizing research productivity and income and removing bottlenecks and delays at project start-up.

**Promote outreach activities** of providing information, education, and communication to a large section of community around the Constituent hospitals and in the region aligning with the mission statement of SBV “To be inclusive and committed to promoting wellness and empowerment of the society”, the outreach department at SBV committed to Enablers.

#### **IMPLEMENTATION OF POLICY AND GUIDELINES:**

The above scope and terms of reference are implemented through effective enabling mechanisms, committees, expert consultations and voluntary code of conduct and **Obligations of faculty and researchers as given below:**

##### **Custodian of Research Policy**

- SBV has established a Deanery of Research headed by the Dean Research who is supported by Associate Deans drawn from constituent colleges. The Deanery Research formulates implements and periodically updates the research policy of SBV continuously.

Deanery Research functions under the guidance of the Vice-Chancellor of SBV.

- The Vice-President of Research, Innovation, and Promotion will augment these efforts in **emerging areas of biological sciences** including the setting of benchmarks and quality control and linkages.
- The Vice-Chancellor is the custodian of Research Policy and the Appellate Authority.

##### **Setting priorities**

- Currently the priority areas fall in three groups: **Infectious and neglected diseases; metabolic syndromes and diseases; and inflammation and immunology.**
- Research is already ongoing in these areas for example researches on **tuberculosis, parasitic diseases, dengue, diabetes, hypertension, cancer and hematological disorders.**
- New technologies like **genomics, genetic engineering, computation biology, and bioinformatics, molecular diagnostics, stem cell biology, artificial intelligence, repurposing of drugs, bio-design epidemiology and evidence-based AUYUSH system of medicine** are employed in understanding these diseases and disorders.

##### **Obligations and voluntary of research conduct faculty and researchers**

In order to institutionalize and promote quality research and innovation and performance as envisaged in the scope of the policy the following measures are taken



- **SBV faculty** and research scientists are expected to undertake research, leading to **quality publications (minimum one per year)**, and presentations in National/International conferences of repute, generation of Intellectual property (**copyright, patent, and technology transfer**) with potential for commercialization and that benefit society. Research should be published in journals approved by the respective statutory/regulatory bodies/agencies and preferably in high Impact Factor journals
- **Code of Ethics for Research:**SBV has registered committees for Human Ethics, Animal Ethics and Clinical Drug Trials
- **Research Methodology & Ethics, Plagiarism and Publication oversight:**Every Academic year SBV conducts Research Methodology and Ethics course for Ph.D and M.Phil Students
- **Urkund**– Plagiarism check software is made available freely to all faculty and scientists to enable to do plagiarism check.
- A mechanism has been institutionalized for recommending and sanctioning of **Seed money from the revolving SBV research fund** to faculty and Ph.D students for carrying out research work to enable them to generate primary data and knowledge so as to apply and seek grants from extramural funding agencies.
- Constitution of Working of **Research Advisory Board (RAB)** as per the guidelines of the regulatory agencies (UGC and MCI) to facilitate research promotion and quality research the approach through the guiding and supervising for and enabling quality research through Ph.D. and M.Phil research programs and monitoring by duly constituted **Research Advisory Committee (RAC)**.
- Promoting and financial assistance of short term **research projects for undergraduate students** under the guidance of faculty members. (**SBV STS**)

#### **Facilitation, incentives and awards to faculty and researchers**

- **SBV facilitates** faculty, research scholars, scientists and students to **publish their research findings** in peer-reviewed indexed journals (Scopus/ PubMed/ Web of Sciences/ UGC CARE).
- Implementation of performance-linked incentive system on the basis of yearly research outcome.
- Provides recognition and **incentives for publishing in journals with high impact factor**.
- Implementation of a performance-linked incentive system to faculty on the basis of yearly research outcome.
- Award of Ph.D/DM/Mch/PG Degree: SBV encourages **Ph.D registrations** by conducting entrance examination **twice in a year**

- Bibliometrics of Publications and h-index of the Institution is facilitated by Statistician of SBV and releases quarterly updates.
- **Conduct of International Health Research Conventions every year** to share cutting edge research findings in emerging and niche areas thus increasing visibility of SBV globally.
- **IPR facilitation: All the expenses towards Patents, Copyrights & Technology transfer are fully funded by SBV.**
- SBV now has a **consultancy policy** for revenue sharing between the consultant and University.
- **Promotion of substantial industry collaboration and consultancy**

#### **Research Facilities – augmentation and access**

- As a policy SBV augments equipment and facilities from time to time as per need and services are made available for R&D to all its constituents. To be effective, for this purpose, SBV has a central interdisciplinary Research Facility (CIDRF), Animal house, museum, media lab, Health informatics wing and Clinical Trial Centre.
- The Central Inter-Disciplinary Research Facility (CIDRF) has state-of-art research facilities in the field of modern and new generation biology. It bridges the gap between basic and translational research and serves to the needs by offering research training for students, young and mid-level faculty from SBV and other institutes to initiate independent and collaborative research projects. It supports clinicians by providing molecular diagnostics and therapeutic research. Due to **functional collaboration** through shared objectives with **computational and biomedical engineers in the vicinity in at Rajiv Gandhi College of Engineering and Technology (RG CET) Pondicherry**, SBV University is growing as a ‘**Translational Health Science Cluster**’ in this part of the country. SBV has scientists, clinicians, super specialties, engineers, facilities and centers across the entire value chain from basic research to application from bench to bedside/patient level.
- The current support for the establishment of the upcoming “MGM Advanced Research Institute” (MGMARI) in the campus which shall network and link all the constituents and resources of the MGM the group is the latest example of such encouragement for Research and Innovation (R&I) and its resources.

#### **Recognition of Departments by regulatory councils**

- SBV is **recognized by** Scientific and Industrial Research Organization (SIRO), Department of Scientific and Industrial Research of Ministry of Science and Technology (MOST), Government of India.

- International agencies have recognized few centers like **Medical Simulation Centre (MSC)** and **CYTER (Centre for Yoga Therapy, Education and Research)**

#### **Innovation ecosystem & Stat-ups**

- SBV is strengthening its innovation ecosystem through transparent and facilitative measures encouraging collaborations, competency building, and seed money for proof-of-concept R&D, encouraging multidisciplinary and interdisciplinary interaction among basic science researchers in CIDRF, and clinicians and AYUSH system represented by CYTER and Centre for Music therapy in the campus and neighboring institutes in Pondicherry and outside.
- To encourage open innovation a novel **“Innovation café and Incubation center”** and the **“entrepreneurship cell”** have also been initiated with successful activities and responses. The **SBV Innovation Council is registered (IC 201912670)** as an initiative of Ministry of Human Resource Development (MHRD), Government of India.

#### **MoU and Non – MoU Collaboration**

- SBV has **functional MoU** with Governmental and Non-Governmental agencies
- A **collaborative research without MoU** has been carried out by faculty members involving National and International non-governmental agencies.

To sum up notwithstanding the above policy statement, **SBV university is dynamic and flexible its strategy** and approach to accommodate any new areas of research, collaboration, research for quick solutions to emerging needs of national and community and public health at large.

#### **INVOLVEMENT OF MEDIA, IF ANY**

NIL

#### **INVOLVEMENT, IF ANY OF MAJOR FINANCIAL IMPLICATIONS CONCERNING EXTERNAL AGENCIES**

Yes.

#### **EXCEPTIONS, IF ANY**

NIL

#### **ANY OTHER PERTINENT DETAILS**

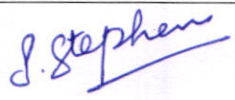

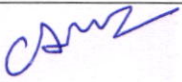
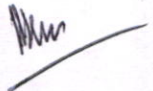
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## **ENQUIRIES**

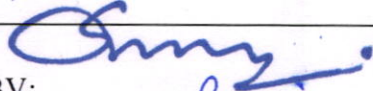
All enquiries related to this policy should be addressed to the Dean Research, SBV with a copy addressed to the Registrar and General Manager (Admin), SBV

## **APPELLATE AUTHORITY**

For all difficulties pertaining to this policy, the power to remove difficulties rests with the Vice Chancellor, who is the chairperson of both the Academic Council and the Board of Management.

Sl.No	Role	Name	Designation	Signature
1	Prepared by	Dr. Selvaraj Stephen	Associate Dean Research, MGMCRI	
		Dr. Pratheba Balu	Associate Dean Research, IGIDS	
2	Reviewed by	Dr. Adithan C	Dean – Research, SBV	
		Mr. Ralph Alexander Mathews	Legal Officer & Head, HR, SBV	

**Approved by:** Prof. Subhash Chandra Parija, Vice Chancellor, SBV:

  
S.C. Parija