

SUMANDEEP VIDYAPEETH

(Declared as Deemed to be University under Section 3 of the UGC Act 1956)

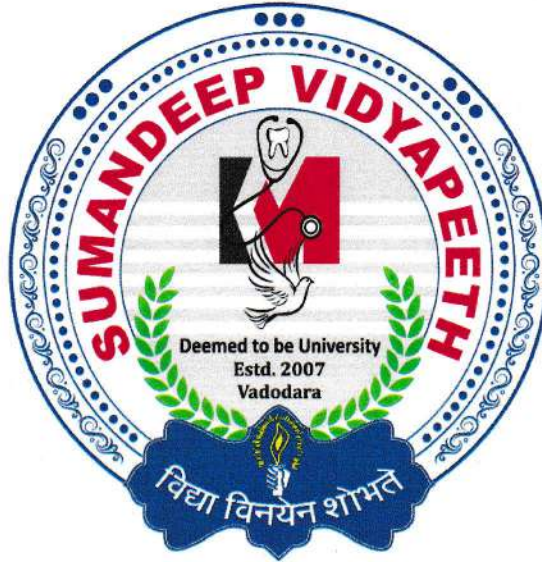
Accredited by NAAC with a CGPA of 3.53 out of four-point scale at 'A' Grade

Category – I deemed to be university under UGC Act - 2018

At & Post Piparia, Tal: Waghodia 391760 (Gujarat) India.

Ph: 02668-245262/64/66, Telefax: 02668-245126,

Website: www.sumandeepvidyapeethdu.edu.in



CURRICULUM

PhD. REGULATIONS



Handwritten signature

Attested CTC

Handwritten signature 15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth
An Institution Deemed to be University
Vill. Piparia, Taluka: Waghodia.
Dist. Vadodara-391 760. (Gujarat)

AMENDED UP TO DECEMBER -2020

Preface

Regulation in Higher Education Institutes is important to regulate academic, administrative and various service areas. It is the management of complex system according to a set of rules and trends. The Regulations are drafted usually by subject matter experts to enforce primary legislations. In the Institution, the Regulations play a major role in regulating research and innovations.

Sumandeep Vidyapeeth, an Institution Deemed to be University has regulated 'Regulations for the Doctoral Degree (Ph.D.) and Post Doctoral Fellowship 2020' so as to determine, promote and maintain the standards of high impact research in the institution. This Regulation shall create an enabling provision for the promotion of global excellence in Doctoral and Post Doctoral research studies. This Regulation will enhance the Academic integrity of the Institution.

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka: Waghodia,

Dist. Vadodara-391 760. (Gujarat)




Introduction

Sumandeep Vidyapeeth, an Institution Deemed to be University was established under Gazette notification No.F.9-46/2004-U.3 dated 17th January 2007, of Ministry of Human Resource Development (MHRD), Department of Higher Education Government of India, as “**Deemed to be University**” under *de novo* category. The Institution was granted permission under section 3 of the University Grants Commission (UGC) Act, 1956, through vide Notification No. F.No.6-106/2004 (CPP-1) dated 3rd March 2007 and No. F.6-106(1)/2004 (CPP-I) dated 26th August 2008.

The **National Assessment and Accreditation Council (NAAC)** has accredited the Institution on 16th November 2015, with CGPA of **3.53** on a four point scale at ‘**A**’ **Grade** as per the prevailing gradation system, which is highest in the state of Gujarat. Based on the UGC notification no. F.1-1/2018(CPP-I/DU), dated 19th June 2018, the commission has graded Sumandeep Vidyapeeth as **Category- I Deemed to be University**, as per the provisions of UGC [Categorization of Universities (only) for Grant of Graded Autonomy] Regulations, 2018. The Ministry of Human Resource Development, Department of Higher Education, Government of India through its notification no. F.9-46/2004-U.3, dated: 16th December 2019, has extended the **Deemed to be University status** of Sumandeep Vidyapeeth from 17th January 2012 onwards.

In consonance with UGC notification dated 5th May 2016 about University Grants Commission (Minimum Standards and Procedures for Award of M.Phil. / Ph.D. degrees) Regulations, 2016; and in exercise of the powers conferred by UGC notification dated 28th February 2019 about UGC (Institutions Deemed to be Universities) Regulations 2019, the Sumandeep Vidyapeeth, an Institution Deemed to be University, Vadodara, has laid down these Regulations for the **Doctoral Degree (Doctor of Philosophy - Ph.D.) and Post-Doctoral Fellowship**, in all the Faculty such as Medicine, Dental Sciences, Nursing, Allied Sciences, Biological Sciences, Alternative Medicine and Clinical research .

Attested CTC


15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

Vill. Piparia, Taluka- Wagholia.

Dist. Vadodara-391 760. (Gujarat)



**Regulations
for the
Doctoral Degree (Ph.D.)
And
Post-Doctoral Fellowship**

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka- Wagholia.

Dist. Vadodara-391 760. (Gujarat)



Regulations for the Doctoral Degree (Ph.D.) And Post-Doctoral Fellowship

Section I: General Information

1. Title and Commencement:

These Regulation's may be called as "REGULATIONS FOR THE DOCTORAL DEGREE (Ph.D.) AND POST DOCTORAL FELLOWSHIP" of Sumandeep Vidyapeeth Deemed to be University.

These Regulations shall come into force with effect from April 2020 and shall be applicable for all the existing Doctoral (Ph.D.) Scholars.

2. Glossary

- 2.1. SVDU means Sumandeep Vidyapeeth, an Institution Deemed to be University.
- 2.2. Competent Authority of Institution means the Vice Chancellor and the Registrar
- 2.3. HOI means Head of the Institute.
- 2.4. HOD means Head of the Department.
- 2.5. A Teacher means a person engaged in Full time teaching work in Sumandeep Vidyapeeth.
- 2.6. DRAC means Departmental Research Advisory Committee.
- 2.7. RAC means Research Advisory Committee.
- 2.8. UGC means University Grants Commission
- 2.9. Research Supervisor means a full-time regular teacher who is employed in Sumandeep Vidyapeeth and fulfils the requisite criteria for becoming a Supervisor for Doctoral (Ph.D.) Scholar, as laid down by UGC / respective councils / SVDU.
- 2.10. Research Co-Supervisor means a teacher / scientist working outside the department / Institute, where the scholar is enrolled. The co- supervisor may be from SVDU or from outside SVDU, where the research work of the scholar is undertaken; and shall fulfill the requisite criteria for becoming a Co- Supervisor as laid down by UGC/ respective councils.
- 2.11. DPDRB means Doctoral and Post Doctoral Regulation Board
- 2.12. INFLIBNET means Information and Library Network
- 2.13. HRRP means Human Research and Review Panel.
- 2.14. SMIEC means Sumandeep Vidyapeeth Institutional Ethics Committee.
- 2.15. SVIAEC means Sumandeep Vidyapeeth Institutional Animal Ethics Committee.

Attested CTC

Sharan

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

Vill. Piparia, Taluka- Wagholia.

Dist. Vadodara-391 760. (Gujarat)



2.16. Full-Time Research Scholar means a regular candidate registered for full time PhD. Program in the Institution.

2.17. Part-Time Research Scholar means a part time candidate registered for PhD. Program in the Institution. The Part time Research Scholar is an employee of Sumandeep Vidyapeeth Deemed to be University, who shall be termed as 'In-service candidate'.

3. Programme Regulatory Bodies:

3.1. Doctoral and Post-Doctoral Program Regulation Board (DPDRB):

3.1.1. Introduction: In response to the number of high end research in the Institution, the regulation board is constituted to monitor and supervise the research carried out by Doctoral scholars and Post-Doctoral fellows, so as to enhance the quality of research and to conduct cutting edge health care science research in various disciplines of Health Sciences; which would eventually contribute to teaching, research and innovation in the country.

3.1.2. Composition:

3.1.2.1. Vice Chancellor – Chairman

3.1.2.2. Registrar - Member

3.1.2.3. All Dean's / Principal's – Member

3.1.2.4. Two Senior Research Supervisor of SVDU, nominated by Vice Chancellor, SVDU - Member

3.1.2.5. One Senior Research Supervisor from other University, nominated by Vice Chancellor, SVDU - Member

3.1.2.6. Doctoral and Post-Doctoral Program Coordinator, SVDU – Member Secretary

3.1.3. Tenure of Board:

3.1.3.1. The tenure of the board shall be of Three years from the date of constitution.

3.1.3.2. The Vice Chancellor, SVDU shall re-nominate / change the members.

3.1.4. Powers and Functions:

3.1.4.1. DPDRB shall be the principal body for the Doctoral and post doctoral research in the Institution Deemed to be University, with powers to make regulations for Doctoral program and post doctoral fellowship.

3.1.4.2. To Promote and maintain the standard of Program.

3.1.4.3. To conduct periodic meetings, atleast twice in a year. The Minutes of Meeting and Action taken report shall be placed in Board of Management for ratification.

3.1.4.4. Appointment of Research Supervisor for Doctoral program.

3.1.4.5. To monitor, supervise and regulate all the research work related to Doctoral and Post-Doctoral scholars.

Attested CTC



Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University

Vill. Piparia, Taluka- Waghodia.

Dist. Vadodara-391 760. (Gujarat)



- 3.1.4.6. To monitor the duties / responsibilities of Research Advisory Committee (Central & Institute).
- 3.1.4.7. To formulate Regulations and Procedures for the program.
- 3.1.4.8. To recognize the Research centre's for carrying out the research related to the programs.
- 3.1.4.9. To regulate the academics and research related to Doctoral and Post-Doctoral programs.
- 3.1.4.10. To cancel or suspend the registration of Research Scholar / Fellow based on the recommendations of the Special Committee constituted by the Vice Chancellor in consultation with DPD Coordinator. Member Secretary.
- 3.1.4.11. To consider those matter/s referred by the authorities of the Institution, for opinion or discussion related to Doctoral and Post-Doctoral programs.

3.2. Research Advisory Committee (RAC):

3.2.1. Introduction: The RAC regulates the overall progress of Doctoral Scholars and Post Doctoral fellows. The RAC shall meet regularly, as and when required to monitor and evaluate the Research Proposal, Progress report, Quality of Publication, of each Research scholar / Fellow, time to time. The RAC shall suggest or recommend corrective changes, if required. Sumandeep Vidyapeeth has constituted RAC in two parts –

Central Research Advisory Committee (CRAC) and Institute's Research Advisory Committee (IRAC).

3.2.2. Central Research Advisory Committee (CRAC)

The Central Research Advisory Committee is constituted at the level of Sumandeep Vidyapeeth, Deemed to be University. This committee shall meet to discuss the proposed research study of the Doctoral scholar and Post Doctoral fellow.

3.2.2.1. Composition:

- 3.2.2.1.1 Research Director, SVDU – Chairman
- 3.2.2.1.2 HoD of related subject – Member
- 3.2.2.1.3 Research Supervisor* – Member Secretary
- 3.2.2.1.4 Co-supervisor*, if any
- 3.2.2.1.5 One External subject expert from academics/ industry
- 3.2.2.1.6 Special invitee from SVDU, if required
- 3.2.2.1.7 Doctoral and Post Doctoral Coordinator#

Note: The Member Secretary will be nominated by the DPD coordinator.

Attested CTC

* For Post Doctoral Fellow not applicable.

Shall be the Member Secretary for the Post Doctoral Fellow

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

Vill. Piparia, Taluka- Wagholia.

Dist. Vadodara-391 760. (Gujarat)



3.2.2.2. Tenure of Committee

3.2.2.2.1 The tenure of the committee shall be of Four years from the date of constitution.

3.2.2.2.2 The Vice Chancellor, SVDU shall re-nominate / change the members.

3.2.2.3. Powers and Functions:

3.2.2.3.1 The CRAC shall regulate and monitor the progress of each Research Scholar / Fellow.

3.2.2.3.2 The CRAC shall meet at regular intervals, as needed.

3.2.2.3.3 The CRAC shall be constituted by the DPD Coordinator in consultation with the Chairman, as per the subject of the Scholar / Fellow.

3.2.2.3.4 The CRAC shall inform about any Unfair means of practice of the Research Scholar / Fellow to the DPD Coordinator for necessary action.

Doctoral Program:

3.2.2.3.5 The CRAC shall review, suggest revision, reject and accept the Research Proposal after partial modifications of Research Scholar. This process shall be carried out in the first meeting of the CRAC for the respective Scholar, before the research work is initiated. The maximum period of resubmission of the revised research proposal shall be One month.

3.2.2.3.6 The CRAC shall evaluate the research work at the end of 18 months from the date of first CRAC for the respective Doctoral scholar.

3.2.2.3.7 The CRAC shall meet to evaluate the Pre Thesis synopsis and its presentation, for the final approval of completed research work of the Doctoral Scholar. The copies of the Thesis shall be submitted to the DPD coordinator only after the final approval of Pre Thesis synopsis.

Post Doctoral Fellowship:

3.2.2.3.8 The CRAC shall review, discuss and provide guidance to the Fellow before the Research work is initiated. This process shall be carried out in the first meeting of the CRAC for the respective Fellow.

3.2.2.3.9 The CRAC shall meet at the end 12 months from the date of first CRAC, to evaluate the ongoing research work of Post Doctoral Fellow. The recommendations, if any, shall be executed.

3.2.3 Institute's Research Advisory Committee (IRAC)

The Institute's Research Advisory Committee is constituted at the level of Constituent Institute of Sumandeep Vidyapeeth. This committee shall meet to discuss the ongoing research study of the Doctoral scholar.

Attested CTC



15/2/2021

Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University



VII, Pipariya, Taluka- Waghodiya,
Dist. Vadodara-391 760. (Gujarat)

3.2.3.1 Composition:

3.2.3.1.1 HoI / Dean / Principal – Chairperson

3.2.3.1.2 HoD of related subject - Member

3.2.3.1.3 Research. Supervisor – Member Secretary

3.2.3.1.4 Co-supervisor, if any - Member

3.2.3.1.5 One / Two Internal relevant subject expert/s from other constituent Institutes - Member

3.2.3.1.6 Special invitee from SVDU, if any - Member

3.2.3.1.7 Doctoral and Post Doctoral Coordinator - Member

3.2.2.3. Powers and Functions:

3.2.2.3.1 The IRAC shall regulate and monitor the progress of the research scholar and shall meet at a frequency of six months. The DPD coordinator shall display the schedule or decide the next IRAC, based on the prevailing situation.

3.2.2.3.2 The IRAC shall be constituted by the HOI / Dean / Principal of the Institute in consultation with the related Member Secretary and HOD, as per the subject of the Scholar.

3.2.2.3.3 The IRAC shall guide the research scholar during the six monthly presentations of the progress of research work. The Scholar, after incorporating the suggestions of IRAC, shall submit the progress report of the research work to the DPD Coordinator through the HOD and HOI, within two days of presentation. The IRAC shall submit Report of IRAC and Clearance report of CRAC to DPD coordinator after successful completion of IRAC, within two days of presentation.

3.2.2.3.4 The IRAC shall inform about any Unfair means of practice of the Research Scholar to the DPD Coordinator for necessary action.

3.2.2.3.5 The IRAC shall assess the quality of publication of the scholar

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VIII, Piparia, Taluka- Wagholia.

Dist. Vadodara-391 760. (Gujarat)



Section II: Regulations for the Doctoral Degree (Ph.D.) Program

1. Doctoral Programs offered in :

1. Faculty of Medicine
Subject: Anatomy, Physiology, Biochemistry, Pharmacology, Microbiology, Pathology, Community Medicine (PSM), Medicine, Pediatrics, Psychiatry, Respiratory Medicine, Skin and VD, Orthopedics, General Surgery, Obstetrics and Gynecology, ENT, Ophthalmology, Radiology, Anesthesia
2. Faculty of Dental Sciences
Subject: Oral Medicine and Maxillofacial Radiology, Prosthodontics and Crown & Bridge, Public Health Dentistry, Orthodontics & Dentofacial Orthopedics, Periodontology, Paediatric & Preventive Dentistry, Conservative Dentistry and Endodontics, Oral & Maxillofacial Surgery, Oral Pathology & Microbiology, Dental Materials
3. Faculty of Allied Health Sciences
Subject: 1. Pharmacy A. Pharmaceutics, Pharmacology, Pharmacognosy, Pharmaceutical Chemistry, Pharmacy Practice, Pharmaceutical Quality Assurance, Pharmaceutical Analysis, Clinical Pharmacy B. Pharmaceutical Sciences 2. Physiotherapy Neurological and Psychosomatic Disorders , Cardio- respiratory Disorders and Intensive care, Musculoskeletal Disorders and Sports, Community Health, Sports, Pediatrics, Geriatrics, Women's health. 3. Management (Healthcare) 4. Audiology & Speech Language Pathology 5. Public Health
4. Faculty of Nursing
Subject: Medical Surgical Nursing, Obstetric and Gynecological Nursing, Community Health Nursing, Psychiatric (Mental Health) Nursing, Pediatric (Child Health) Nursing
5. Faculty of Biological Sciences

Attested CTC



Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

Vill. Piparia, Taluka: Waghodiya.

Dist. Vadodara-391 760. (Gujarat)



Subject:

Biotechnology, Bioinformatics, Nutrition and Dietetics, Sports Science, Environmental Health Science, Neuroscience, Applied Clinical Psychology, Clinical Immunology

6. Faculty of Clinical Research

Subject: Clinical Research

2. Commencement of Session:

The Academic session for the Doctoral degree program shall commence in the month of August of every year.

3. Doctoral (Ph.D.) Candidate:**3.1 Regular Candidate**

- Regular Doctoral candidate is a Full time candidate, who shall carry out the research work under the guidance of allotted Research Supervisor, in the Department / Institute of the Sumandeep Vidyapeeth Deemed to be University.
- This candidate shall not be employed during the entire tenure of Ph.D. program; inside or outside SVDU campus.
- They shall remain all time present / available in the Department / Institute of SVDU.
- There shall be No stipend for the Regular and Part time Ph.D. scholars.

3.2. Part time (In-service) Candidate:

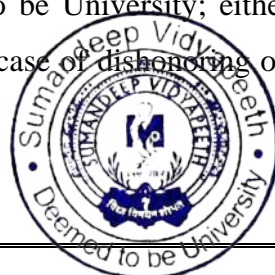
- The Part time Doctoral candidate is an Employee of Sumandeep Vidyapeeth Deemed to be University. The candidate shall be called as '**In-service candidate**'.
- The Teaching and Non-teaching Employee shall be presently working in any of the Constituent Institute, Off Campus Unit and Off shore Campus Unit of Sumandeep Vidyapeeth Deemed to be University, from last Two years.
- The candidate shall carry out the research work under the guidance of allotted Research Supervisor &/or Research Co -Supervisor, in the Department / Institute of the Sumandeep Vidyapeeth Deemed to be University.
- The candidate shall carry out research work, during and after the working hours of the Institution, with prior approval.
- The In-service candidates shall give a Notarized Registered Bond of serving the Institution for the period of Three years, which shall be executed after successful completion of the Ph.D. program. The bond shall be served in any Constituent Institute/s, Off Campus Unit, Off shore Campus Unit, Hospital, etc. of Sumandeep Vidyapeeth Deemed to be University; either in part or in complete in one or more Institute of SVDU. In case of dishonoring of this bond, the In-service candidate shall

Attested CTC

Sharan
15/2/2021

**Vice-Chancellor
Sumandeep Vidyapeeth**

An Institution Deemed to be University



WII, Pipari, Taluka- Wagholia,
Dist. Vadodara-391 760. (Gujarat)

be liable for payment of Indian Rupees of Five Lakh, irrespective of the duration remaining to be served.

4. Eligibility criteria for Admission:

Subject to the conditions stipulated in these regulations, the following are the eligibility criteria to seek admission to the Ph.D. programme:

4.1 Admission to:

- **Faculty of Medicine:**

A Candidate with aggregate of 55% marks in MD/MS, DM/MCh/MSc (Medical) degree or equivalent Master's degree recognized by Medical Council of India, is eligible for Ph.D. program in Medicine.

- **Faculty of Dental Sciences:**

A Candidate with aggregate of 55% marks in MDS degree or equivalent Master's degree recognized by Dental Council of India, is eligible for Ph.D. programs in Dental Sciences.

- **Faculty of Allied Health Sciences:**

1. Pharmacy:

A Candidate with aggregate of 55% marks in M. Pharm. / Pharm. D or equivalent Master's degree recognized by Pharmacy Council of India, is eligible for Ph.D. program in Pharmacy.

2. Physiotherapy:

A Candidate with aggregate of 55% marks in Masters degree in Physiotherapy (MPT) or equivalent Master's degree recognized by Government of India / Physiotherapy Association / State Council etc., is eligible for Ph.D. program in Physiotherapy.

3. Management (Healthcare):

A Candidate with aggregate of 55% marks in MBA – Health care / Hospital management recognized by UGC / AICTE / recognized Institute etc., is eligible for Ph.D. program in Management (Healthcare); with a condition that the research work shall be related to healthcare sector.

4. Audiology & Speech Language Pathology:

A Candidate with aggregate of 55% marks in M.Sc. Audiology / M.Sc. Speech Language Pathology / M.Sc. Audiology and Speech Language Pathology or equivalent Master's degree recognized by Rehabilitation Council of India, is eligible for Ph.D. program in Audiology & Speech Language Pathology (Rehabilitation Sciences).

5. Public Health:

Attested CTC

Sharan

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

Vill. Piparia, Taluka- Waghodia.

Dist. Vadodara-391 760. (Gujarat)



A Candidate with aggregate of 55% marks in Master's degree in Public Health recognized by Related Council if any,/ UGC / Recognized University / recognized Institute etc. is eligible for Ph.D. program in Public Health.

- **Faculty of Nursing:** A Candidate with aggregate of 55% marks in Postgraduate degree in Nursing or equivalent Master's degree recognized by Indian Nursing Council, is eligible for Ph.D. programs in Nursing.
- **Faculty of Biological Sciences:** A Candidate with aggregate of 55% marks in Postgraduate degree or equivalent Master's degree recognized by Related Council if any,/ UGC / Recognized University / recognized Institute etc., is eligible for Ph.D. program in Biotechnology, Bioinformatics, Nutrition and Dietetics, Sports Science, Environmental Health Science, Neuroscience, Applied Clinical Psychology, Clinical Immunology.
- **Faculty of Clinical Research:** A Candidate with aggregate of 55% marks in Postgraduate degree or equivalent Master's degree recognized by Related Council if any,/ UGC / Recognized University / recognized Institute etc. , is eligible for Ph.D. program in Clinical Research.

Note:

1. A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, shall be allowed for those belonging to Socially marginalized section of Society, Socially disadvantaged groups, and Economically weaker section of the society
2. The postgraduate qualified candidates from other universities applying for Ph.D. program are required to obtain Eligibility certificate from Department of Central Admission, Sumandeep Vidyapeeth Deemed to be University.
3. All foreign National's irrespective of their Postgraduate studies in India, shall submit Eligibility certificate from SVDU, Photocopy of Valid passport, Visa, Letter from Embassy and Police permission for Residential permit for stay in India.

5. Duration of Ph.D. Program:

1. The duration for Doctoral (Ph.D.) program shall be as under (including the course work):
 - A. For Master Degree holder in Medicine, Dental Sciences, Allied Health Sciences, Nursing, Biological Sciences and Clinical Research.
 - Full Time candidate: Minimum Three years and Maximum Six years.
 - Part Time / In-Service candidate: Minimum Four years and Maximum Six years.
 - B. For Master Degree holder in Medicine having M.Sc. (Medical) Degree qualification
 - Full Time candidate: Minimum Four years and Maximum Six years.
 - Part Time / In-Service candidate: Minimum Five years and Maximum Seven years.

2. The women candidates and Persons with Disability (more than 40% disability) may be allowed a relaxation of two years for Ph.D. in the maximum duration. In addition, the

Attested CTC

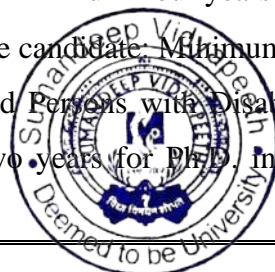
Sharan
15/10/2021

Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka- Wagholia.

Dist. Vadodara-391 760. (Gujarat)



women candidates may be provided Maternity Leave/Child Care Leave once in the entire duration of Ph.D. for up to 240 days.

3. The Ph.D. program shall be initiated only after successful clearance of course work.
4. The extension beyond the above limits may be granted with the special permission obtained from the Hon'ble Vice Chancellor. The extension may be granted for the maximum period of Four years, either in part or in total.

6. Admission Procedure:

1. The Candidate shall submit filled Application form along with the following self attested photocopies of related documents:

Mandatory Documents	Optional Documents
<ul style="list-style-type: none"> • Master's Degree Certificate • All marksheets of Master's Degree • Bachelor's Degree Certificate • All marksheets of Bachelor's Degree • XIIth passing certificate • Caste certificate, if applicable • Caste validity certificate, if applicable • Domicile Certificate, if applicable • Aadhar Card • Passport • Statutory Council Registration Certificate and Renewal receipt. • No Objection Certificate from Employer, in case of SVDU In- service candidate, NOC shall be obtained from HOI and Registrar • Provisional Eligibility Certificate from Controller of Examination, SVDU. • Two passport size recent photographs. • Birth Certificate or 10th standard passing certificate • Disability certificate, if applicable • For Jain Minority candidates - Jain Membership Certificate issued by religious JAIN sangh 	<ul style="list-style-type: none"> • Migration Certificate. • Sponsorship certificate, is any

Attested CTS

Sharan

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka: Waghodiya.

Dist. Vadodara-391 760. (Gujarat)



- Affidavit executed before the metropolitan magistrate / notary on stamp paper of Rs. 100 stating religion as JAIN
- Jain Community Certificate issued by Tehsildar or Sub divisional Taluka Magistrate
- School leaving Certificate mentioning JAIN as religion
- For International candidates who have completed Master's in India
 - Passport, Study Visa and Embassy clearance

2. The submitted application for Doctoral (Ph.D.) program shall be subjected to scrutiny procedure based on the eligibility criteria. The list of eligible candidates will be displayed on the notice board or on the Institution's Website for the Entrance Examination.

3. All India Entrance Examination

- The All India Entrance Examination (AIEE) for the admission to Ph.D. program shall be conducted by Sumandeep Vidyapeeth Deemed to be University, as per the policy.
- The AIEE shall comprise of 100 marks of objective type question paper (having Multiple Choices Questions, fill in the blanks and match the column). There shall be Two sections, 50 Marks each. Section - I shall have questions related to Research Methodology & Biostatistics, and Section - II shall have questions related to Subject/Specialty Specific. The duration shall Two hours.
- The Candidate shall obtain minimum 50% marks in the AIEE, so as to eligible for Interview. A relaxation of 5 % of marks (from 50% to 45%) shall be allowed for the candidates belonging to SC/ST/OBC(Non-Creamy layers)/Differently-abled category in the AIEE conducted by the Institution.
- The validity of Ph.D. AIEE shall be for Two Academic years, including the present Academic year, only in those situations where the candidate has not appeared for interview / viva voce.
- The candidates who have qualified UGC-NET (including JRF) / UGC-CSIR NET (including JRF) / SLET / GATE/ teacher fellowship holder or have passed M.Phil program, are exempted from appearing the AIEE for Ph.D. admission. These candidates shall be directly invited for interview.

Attested CTC

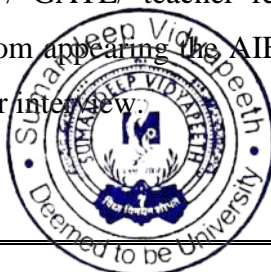
Sharan
15/1/2021

Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka: Waghodia.

Dist. Vadodara-391 760. (Gujarat)



4. Interview/ Viva voce

- The candidate, who has successfully passed the AIEE, is eligible for the interview/ viva voce conducted by Institution's Research Committee of Sumandeep Vidyapeeth Deemed to be University.
- The candidate during interview/ viva voce shall make a crisp power point presentation to the committee on the proposed research study to be carried out during the course of program and to deliberate on the said subject/study.
- The Institution shall prepare a list of candidates who appeared for interview / viva voce. The list shall have a weightage of 70% marks of entrance test (AIEE) and 30% to the performance in the interview / viva voce. The candidate shall achieve atleast 50% of total marks in AIEE and interview / viva voce to be eligible in the merit list.
- Based on the available number of seats, a final merit list will be prepared of the selected candidates for admission to Ph.D. program in the respected subject. The other candidates, if any, shall be listed in wait list, which shall remain valid for a period of Six months from the declaration of the date of wait list.
- In case of seat vacancy arising because of cancellation or non reporting of the candidate for the admission in stipulated time period, then the candidate in the wait list according to the order shall be allotted the seat for admission.
- The eligible candidate shall report to the Department of Central Admission, within eight days from the declaration of final merit list, for the verification of documents, fee payment, bond (if any) and admission letter.
- The admitted candidates shall report to the Doctoral and Post Doctoral section in the Department of Academics, for further guidance.

7. Eligibility criteria for Research Supervisor:

- A, eligible full time regular teacher of Sumandeep Vidyapeeth Deemed to be University, shall be appointed as Research Supervisor. The external supervisor is not allowed. However, Co- Supervisor can be allowed in inter-disciplinary areas from other departments of the same institute or from other related institutions with the approval of DPDRB.
- In case of topic which is of inter-disciplinary nature where the Department concerned feels that the expertise in the Department has to be supplemented from outside, the Department may appoint a Research Supervisor from the Department itself, who shall be known as the Research Supervisor, and a Co-Supervisor from outside the Department/ Faculty/College/Institution on such terms and conditions as may be specified and agreed upon by the consenting Institution/College.

Attested CTC

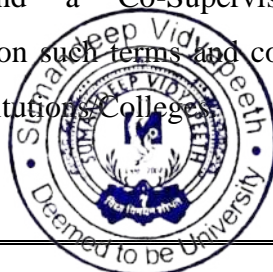
Anarany
15/12/2021

Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka: Waghodiya,

Dist. Vadodara-391 760. (Gujarat)



- A Research Supervisor/Co-supervisor who is a Professor, at any given point of time, cannot guide more than Eight (8) Ph.D. scholars. An Associate Professor as Research Supervisor can guide up to a maximum of six (6) Ph.D. scholars and an Assistant Professor as Research Supervisor can guide up to four (4) Ph.D. scholars.
- The Research Supervisor shall fulfil the following requirement:
 1. Shall have at least Five research publications in National / International journals indexed in Scopus / Pubmed / Web of Science / UGC CARE list, in last three years as First Author.
 2. Shall have Master's degree in case where Statutory Council has not prescribed the qualification for being eligible as Research Supervisor.
 3. Shall have Ph.D. degree in case where Statutory Council has prescribed the qualification for being eligible as Research Supervisor.
 4. The Teacher from Faculty of Medicine, shall not be eligible to Register Ph.D. Scholar from the age of 65 years. The Teacher from other Faculty, shall not be eligible to Register Ph.D. Scholar from the age of 60 years.
- The teaching faculty who has completed Doctoral program for more than Two years shall be eligible for Research Supervisor.
- The allocation of Research Supervisor for a selected research scholar shall be decided by the Department concerned depending on the number of scholars per Research Supervisor, the available specialization among the Supervisors and research interests of the scholars as indicated by them at the time of interview/viva voce.
- The Research Supervisor will be allocated to the Ph.D. scholar based on the availability of seats, which is subject to approval by the DPDRB meeting.
- A teacher, who has already enrolled himself as Ph.D. scholar is not eligible for Research Supervisor.

7. Course work

- Each Doctoral candidate shall undergo Research Course work for the period of Six months, as prescribed by University Grants Commission (Minimum Standards and Procedure for Awards of M.Phil. / Ph.D. Degree) Regulations 2016.
- At the end of Six months, each Doctoral candidate shall appear for examination conducted by Central Examination and Evaluation Section, SVDU. There shall be one paper comprising of Two sections, of total 100 marks. Section I – Research Methodology and Intellectual Property Rights and Section II- Biostatistics.
 - The candidate shall pass the course work examination by obtaining a minimum of 55% of marks or its equivalent grade, so as to be eligible for Registration in Ph.D. program.

Attested CTC

Sharan
15/2/2021

Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University

Vill. Piparia, Taluka: Waghodiya.

Dist. Vadodara-391 760. (Gujarat)



- The candidate shall pass the course work examination in maximum three attempts. The admission of unsuccessful candidate shall stand cancelled for the Doctoral program.
- After successful completion of the course work, the Doctoral candidate shall submit the Research Proposal within Fifteen days from the declaration of result, to the DPD Coordinator through Supervisor and HoD. The proposal will then be taken up for presentation in CRAC.
- The registered candidate for the Ph.D. degree shall undertake course work for a minimum period of six months for minimum of 08 credits and maximum of 16 credits. The course work shall be treated as Pre-Ph.D. preparation.
- Candidates already holding M. Phil. degree and admitted to the Ph.D. programme, or those who have already completed the course work in M.Phil. are exempted from course work. All other candidates admitted to the Ph.D. programme shall be required to complete the Ph.D. course work.

8. Submission of Research Proposal

After successful completion of the course work, the Doctoral candidate shall submit the Research Proposal within Fifteen days from the declaration of result, to the DPD Coordinator through Research Supervisor and HoD. The proposal will be sent to CRAC for approval by DPD coordinator.

9. Central Research Advisory Committee (CRAC):

- The Research proposal submitted by Ph.D. Scholar will be scheduled for presentation in CRAC. Once the permission is granted by CRAC, It is mandatory for all the Scholars to obtain Ethical clearance from the Institutional Ethics Committee/ Institutional Animal Ethics Committee/ Department of Central Research and Innovation. Only then the Ph.D. Scholar shall initiate the Ph.D. research.
- The Research Scholar shall report to CRAC after Two presentations with IRAC and after submission of Two six monthly progress reports to the Ethics committee and DPD coordinator, through Research Supervisor and HOD. Any discrepancy in this regard shall be solved by DPD coordinator.
- It is compulsory for Ph.D. Scholar to report CRAC as and when needed.

10. Institute's Research Advisory Committee (IRAC)

- After the successful completion of first CRAC, the Ph.D. Scholar shall present the progress of the research work to IRAC in the form of presentation for evaluation and guidance, every Six monthly.
- The IRAC shall monitor and guide the work of research scholar during the six monthly presentations of the progress of research work. The Scholar, after incorporating the

Attested CTC

Sharan
13/10/2021

Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka: Waghodiya.

Dist. Vadodara-391 760. (Gujarat)



suggestions of IRAC, shall submit the Six monthly progress report of the research work to the DPD Coordinator through the HOD and HOI, within two days of presentation.

- The Research Scholar shall time to time present work progress as defined / decided by the DPD coordinator. The Six monthly work progress shall be presented till the completion of research work and before the submission of Pre Thesis Synopsis.
- The Research Scholar shall comply with the above regulation, failing which an appropriate action may be initiated, as deemed fit.

11. Change of Research Supervisor

The Ph.D. Supervisor shall be changed in following applicable condition:

- Death of a Research Supervisor
- Resignation of Research Supervisor
- In case if the Scholar is a family member or in near relation.
- Any other situation.

12. Cancellation of Admission / Ph.D. Registration

Cancellation of Admission / Ph.D. Registration in following applicable conditions:

- Unsuccessful completion of Course work in Three attempts
- Failure in subsequent submission of Six monthly progress report
- Failure in timely submission of Thesis
- Unable to complete Doctoral program beyond the extended period

13. Modification in approved Research proposal

The modification (if required) in the approved research proposal, shall be undertaken within one year from the date of approval from Ethics committee / Department of Central Research and Innovation. After One year the modification shall not be allowed. In exceptional case, the Hon'ble Vice chancellor shall take the decision.

The following process shall be followed for modification:

- The change in the title of research proposal shall be approved by IRAC and Ethics committee / Department of Central Research and Innovation.
- The modification required in Aim / Objective / Methodology in research proposal shall be approved by CRAC and Ethics committee / Department of Central Research and Innovation.

14. Publication of Research Paper

It is mandatory for Ph.D. Scholar to fulfil the following requirements before submission of Pre Thesis synopsis:

- To publish at least Two Scientific Papers in PubMed / Scopus / Web of Science / UGC Notified Care List, in National and International Journals. These papers shall be related

Attested CTC

synopsis:

Sharan
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka: Waghodia.

Dist. Vadodara-391 760. (Gujarat)



to the topic of Ph.D. research. Both the publications in the scientific journal/s, shall be as a First author.

- Amongst the two scientific papers, at least One shall be published in a journal having impact factor of Thomson Reuters / Clarivate Analytics.
- Each paper shall reflect designation as 'Ph.D. Scholar' and affiliation as 'Department of _____, Sumandeep Vidyapeeth Deemed to be University, Piparia, Vadodara, Gujarat state, India'.
- Each Research Scholar shall make Two Scientific presentations in Conferences / Seminar during the tenure of Doctoral program.
- The Research Scholar shall submit documentary evidence related to publications and Conferences / Seminar presentations to DPD coordinator.

15. Pre Thesis Synopsis

- The Research scholar shall submit Two copies of Pre Thesis synopsis in prescribed format and check list (**annexure -13**) to DPD coordinator for presentation with CRAC.
- The Research Scholar shall make a power point presentation to CRAC about the Pre Thesis synopsis.
- The Research Scholar shall undertake modifications or incorporate recommendations, as suggested by CRAC.
- The Research Scholar shall submit One copy of amended Pre Thesis synopsis, to DPD coordinator.

16. Submission of Thesis:

- The Research Scholar shall submit Four bounded hard copies of Thesis within three months from the clearance of Pre Thesis Synopsis. In addition, soft copy of Thesis in pdf format in Pendrive along with Pre Thesis Synopsis clearance certificate to DPD coordinator. The Thesis shall be submitted through proper channel.
- The permission for extension of Thesis submission beyond Three months shall be obtained with due permission from Hon'ble Vice Chancellor. The maximum period of extension shall not exceed One year.

17. Examiners for Evaluation of Thesis and Public Viva Voce Examination:

- The Department of Examination and Evaluation shall undertake the process of conducting Thesis Evaluation and Public Viva Voce Examination for the Doctoral Scholar.
- The Ph.D. Thesis shall be evaluated by two external examiners.
- The external examiners shall be an eligible and active Research Supervisor working in a reputed Institute.

Attested CTC



Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University
VII, Piparia, Taluka- Waghodiya,
Dist. Vadodara-391 760. (Gujarat)



- The external examiner shall not have worked as an employee in past with Sumandeep Vidyapeeth Deemed to be University.
- Evaluation report of the Thesis:
 - The report received from the external examiners shall have remark of Satisfactory or Unsatisfactory. In case of unsatisfactory report from external examiner, the report shall have detail justification and shall provide suggestions for modifications.
 - In case of the unsatisfactory report from one of the external examiners, then the Thesis shall be re-evaluated by another New external examiner, out of the approved panel of examiners.
 - The Public Viva voce examination shall be held only if the report of the latest examiner is satisfactory.
 - If the report of the latest examiner is also unsatisfactory, the Thesis shall be rejected and the research scholar shall be declared ineligible for the award of the degree.
- For Public Viva voce examination:
 - After the approval of Thesis, the candidate shall defend the thesis in public viva voce before the committee.
 - Out of the Two External examiners who have evaluated the Thesis, one shall be invited for the Public Viva voce examination.
 - The viva voce examination will be conducted only in the Sumandeep Vidyapeeth campus, Vadodara.

Committee for Open Viva voce

Dean / Principal – Convener

External Examiner – Member

Head of the Department - Member

Internal Examiner (Research Supervisor) – Member

DPD coordinator - Member

- A candidate who is successful in the viva voce examination shall be qualified for the Doctoral (Ph.D.) degree with effect from the date of the Public viva-voce examination.
- A candidate, who is not successful in the defense viva voce, shall be permitted to appear for the viva voce for second time , within a period of three months.

- The entire process of evaluation of Ph.D. Thesis shall be completed within Six months from the date of submission of the thesis.

Attested CTC

18. Fee Information:

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka- Waghodia.

Dist. Vadodara-391 760. (Gujarat)



- Application fee, tuition fee, registration fee, examination fee and security deposit shall be payable by the candidate as prescribed by the Institution from time to time.
- The security deposit shall be refunded only after successful completion of Doctoral (Ph.D.) program.
 - In case, the candidate discontinues the Doctoral (Ph.D.) program irrespective of duration of joining, the security deposit shall be forfeited and he/she will have to pay the remaining fees of the years
 - Registration fee - stipulated from time to time.
 - Tuition fee as fixed and reviewed from time to time.
 - Security Deposit.
 - Ph.D. admission and All India Entrance Examination fee once paid will not be refunded under any circumstances.
 - The fees for the Ph.D. candidates shall be charged for the period of their admission to the submission of the final Thesis. Further, if the candidate fails to submit the Thesis at the stipulated time, he/ she has to pay whole term fee.

19. Publication of Thesis:

The thesis, only on approval, shall be published in full as a book with the permission of the RAC and approval from the Vice Chancellor of Sumandeep Vidyapeeth Deemed to be University.

20. Award of Ph.D. Degrees:

- On completion of the evaluation process, the successful candidate shall be awarded the degree of 'Doctor of Philosophy' in coming/ next convocation of the Institution.
- The Sumandeep Vidyapeeth Deemed to be University, shall also issue a provisional degree certificate certifying that Doctoral (Ph.D.) degree has been awarded in accordance with the provisions of the University Grants Commission (UGC) Ph.D. Regulations 2016.

21. Depository with UGC:

Following the successful completion of the evaluation process and before the announcement of the award of the Doctoral (Ph.D.) degree, the Central examination and evaluation section, SVDU shall submit an electronic copy of the Doctoral (Ph. D.) thesis to the Learning Resource Center (LRC-Library), SVDU for submission to the INFLIBNET for hosting the same on INFLIBNET-Shodhganga website so as to make it accessible to all Institutions/Colleges.

22. Decision of Vice Chancellor:

The Vice Chancellor may take a decision in regards to all circumstances not covered in these regulations.

Attested CTC

Sharan

15/2/2021

Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka- Wagholia.

Dist. Vadodara-391 760. (Gujarat)



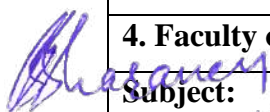
Section III: Regulations for the Post doctoral Fellowship

1. Sumandeep Vidyapeeth Deemed to be University offers POST DOCTORAL Fellowship in following faculty:

Post Doctoral Fellowship offered in:

1. Faculty of Medicine
Subject: Anatomy, Physiology, Biochemistry, Pharmacology, Microbiology, Pathology, Community Medicine (PSM), Medicine, Pediatrics, Psychiatry, Respiratory Medicine, Skin and VD, Orthopedics, General Surgery, Obstetrics and Gynecology, ENT, Ophthalmology, Radiology, Anesthesia
2. Faculty of Dental Sciences
Subject: Oral Medicine and Maxillofacial Radiology, Prosthodontics and Crown & Bridge, Public Health Dentistry, Orthodontics & Dentofacial Orthopedics, Periodontology, Paediatric & Preventive Dentistry, Conservative Dentistry and Endodontics, Oral & Maxillofacial Surgery, Oral Pathology & Microbiology, Dental Materials
3. Faculty of Allied Health Sciences
Subject: 1. Pharmacy A. Pharmaceutics, Pharmacology, Pharmacognosy, Pharmaceutical Chemistry, Pharmacy Practice, Pharmaceutical Quality Assurance, Pharmaceutical Analysis, Clinical Pharmacy B. Pharmaceutical Sciences 2. Physiotherapy Neurological and Psychosomatic Disorders , Cardio- respiratory Disorders and Intensive care, Musculoskeletal Disorders and Sports, Community Health, Sports, Pediatrics, Geriatrics, Women's health. 3. Management (Healthcare) 4. Public Health
4. Faculty of Nursing
Subject:

Attested CTC



Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University

Vill. Piparia, Taluka. Waghodiya.

Dist. Vadodara-391 760. (Gujarat)



Medical Surgical Nursing, Obstetric and Gynecological Nursing, Community Health Nursing, Psychiatric (Mental Health) Nursing, Pediatric (Child Health) Nursing
5. Faculty of Biological Sciences
Subject: Biotechnology, Bioinformatics, Nutrition and Dietetics, Sports Science, Environmental Health Science, Neuroscience, Applied Clinical Psychology, Clinical Immunology
6. Faculty of Clinical Research
Subject: Clinical Research

Commencement of Session:

The Academic session for the Post doctoral Fellowship shall commence in the month of August of every year.

2. Post doctoral Fellows:

2.1 Regular Candidate

- Regular Post Doctoral candidate is a Full time candidate, who shall carry out the research work under the guidance of allotted Research Supervisor, in the Department / Institute of the Sumandeep Vidyapeeth Deemed to be University.
- This candidate shall not be employed during the entire tenure of Post doctoral fellowship; inside or outside SVDU campus.
- They shall remain all time present / available in the Department / Institute of SVDU.

2.2. Part time (In-service) Candidate:

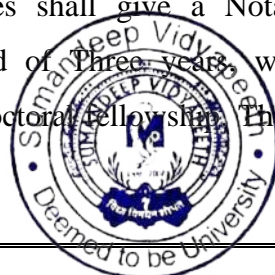
- The Part time Post Doctoral candidate is an Employee of Sumandeep Vidyapeeth Deemed to be University. The candidate shall be called as ‘In-service candidate’.
- The Teaching and Non-teaching Employee shall be presently working in any of the Constituent Institute, Off Campus Unit and Off shore Campus Unit of Sumandeep Vidyapeeth Deemed to be University, from last Two years.
- The candidate shall carry out the research work under the guidance of allotted Research Supervisor &/or Research Co -Supervisor, in the Department / Institute of the Sumandeep Vidyapeeth Deemed to be University.
- The candidate shall carry out research work, during and after the working hours of the Institution, with prior approval.

- The In-service candidates shall give a Notarized Registered Bond of serving the Institution for the period of Three years, which shall be executed after successful completion of the Post doctoral Fellowship. The bond shall be served in any Constituent

Attested CTC

Sharan
22/2021

Vice-Chancellor
Sumandeep Vidyapeeth
An Institution Deemed to be University



Institute/s, Off Campus Unit, Off shore Campus Unit, Hospital, etc. of Sumandeep Vidyapeeth Deemed to be University; either in part or in complete in one or more Institute of SVDU. In case of dishonoring of this bond, the In-service candidate shall be liable for payment of Indian Rupees of Five Lakh, irrespective of the duration remaining to be served.

3. Eligibility criteria for Admission:

Subject to the conditions stipulated in these regulations, the following are the eligibility criteria to seek admission to the Post doctoral Fellowship:

- **Faculty of Medicine:** A Candidate with PhD. degree from MCI recognized College/Institution is eligible for Post Doctorate Fellowship in Medicine.
- **Faculty of Dental Sciences** A Candidate with PhD. degree from DCI recognized College/Institution is eligible for Post Doctorate Fellowship in Dental Sciences.
- **Faculty of Allied Health Sciences:** A Candidate with PhD. degree in Pharmacy Physiotherapy (MPT), PhD. degree in Management and PhD. degree in Public Health from a college/institution recognized by PCI/IAP/RCI/AICTE/UGC or as the case may be is eligible for Post Doctorate Fellowship in Allied Health Sciences.
- **Faculty of Nursing:** A Candidate with PhD. degree in Nursing from a college/institution recognized by INC is eligible for Post Doctorate Fellowship in Faculty of Nursing.
- **Faculty of Biological Sciences:** A Candidate with PhD. degree in Biological Sciences from AICTE recognized college/institution is eligible for Post Doctorate Fellowship in Biotechnology, Bioinformatics, Nutrition and Dietetics, Sports Science, Environmental Health Science, Neuroscience, Applied Clinical Psychology, Clinical Immunology.
- **Faculty of Clinical Research:** A Candidate with PhD. Degree in clinical research from AICTE recognized college/institution is eligible for Post Doctorate Fellowship in Clinical Research.

Attested by

The Doctoral scholars from other universities applying for Post Doctorate program are required to obtain Eligibility certificate from Department of Central Admission, Sumandeep Vidyapeeth Deemed to be University.



Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka: Waghodia.

Dist. Vadodara-391 760. (Gujarat)



4. Duration of Post Doctorate Fellowship:

The duration of Post Doctorate Fellowship shall be of One year and maximum of Three years.

The extension beyond the above limits may be granted with the special permission obtained from the Hon'ble Vice Chancellor. The extension may be granted for the maximum period of Four years, either in part or in total.

5. Admission Procedure:

1. The Candidate shall submit filled Application form along with the following self attested photocopies of related documents:

Mandatory Documents	Optional Documents
<ul style="list-style-type: none">• Doctoral Degree Certificate• Master's Degree Certificate• All marksheets of Master's Degree• Bachelor's Degree Certificate• All marksheets of Bachelor's Degree• XIIth passing certificate• Caste certificate, if applicable• Caste validity certificate, if applicable• Domicile Certificate, if applicable• Aadhar Card• Passport• Statutory Council Registration Certificate and Renewal receipt.• No Objection Certificate from Employer, in case of SVDU In- service candidate, NOC shall be obtained from HOI and Registrar	<ul style="list-style-type: none">• Migration Certificate.• Sponsorship certificate, is any

Attested CTC



Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka: Wagholia.

Dist. Vadodara-391 760. (Gujarat)



- Provisional Eligibility Certificate from Controller of Examination, SVDU.
- Two passport size recent photographs.
- Birth Certificate or 10th standard passing certificate
- Disability certificate, if applicable
- For Jain Minority candidates
 - Jain Membership Certificate issued by religious JAIN sangh
 - Affidavit executed before the metropolitan magistrate / notary on stamp paper of Rs. 100 stating religion as JAIN
 - Jain Community Certificate issued by Tehsildar or Sub divisional Taluka Magistrate
 - School leaving Certificate mentioning JAIN as religion
- For International candidates who have completed Master's in India
 - Passport, Study Visa and Embassy clearance

2. The submitted application for Post Doctorate Fellowship shall be subjected to scrutiny procedure based on the eligibility criteria and the list of eligible candidates will be displayed on the notice board or on the Institution's Website.

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

WII, Piparia, Taluka- Waghodiya.

Dist. Vadodara-391 760. (Gujarat)



3. The eligible candidate shall report to the Department of Central Admission, within eight days from the declaration of final merit list, for the verification of documents, fee payment, bond (if any) and admission letter.

4. The admitted candidates shall report to the Doctoral and Post Doctoral section in the Department of Academics, for further guidance.

6. Eligibility criteria for Research Supervisor:

It is not mandatory to allot research supervisor for Post Doctoral Fellowship. On the request of Post Doctoral fellow, a research supervisor can be allotted.

7. Submission of Research Proposal

The Post Doctoral candidate shall submit the Research Proposal within One month from the declaration of merit list, to the DPD Coordinator through Research Supervisor and HoD. The proposal will be sent to IRAC for approval by DPD coordinator.

8. Institute's Research Advisory Committee (IRAC)

- After the submission of research proposal, the Post Doctoral fellow shall present the progress of the research work to IRAC in the form of presentation for evaluation and guidance, every Six monthly.
- The IRAC shall monitor and guide the work of research scholar during the six monthly presentations of the progress of research work. The Scholar, after incorporating the suggestions of IRAC, shall submit the Six monthly progress report of the research work to the DPD Coordinator through the HOD and HOI, within two days of presentation.
- The Research Scholar shall time to time present work progress as defined / decided by the DPD coordinator. The Six monthly work progress shall be presented till the completion of research work.
- The Research Scholar shall comply with the above regulation, failing which an appropriate action may be initiated, as deemed fit.

Attested CTC

9. Publication of Research Paper

It is mandatory for Post Doctoral Fellow to fulfil the following requirements before submission of

Thesis:

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VIII, Piparia, Taluka- Waghodiya.

Dist. Vadodara-391 760. (Gujarat)



- To publish at least Two Scientific Papers in PubMed / Scopus / Web of Science / UGC Notified Care list, in National and International Journals. These papers shall be related to the topic of Ph.D. research. Both the publications in the scientific journal/s, shall be as a First author.
- Amongst the two scientific papers, at least One shall be published in a journal having impact factor of Thomson Reuters / Clarivate Analytics.
- Each paper shall reflect designation as 'Post Doctoral Fellow' and affiliation as 'Department of _____, Sumandeep Vidyapeeth Deemed to be University, Piparia, Vadodara, Gujarat state, India'.
- Each Post Doctoral Fellow shall make Two Scientific presentations in Conferences / Seminar during the tenure of Doctoral program.
- The Post Doctoral Fellow shall submit documentary evidence related to publications and Conferences / Seminar presentations to DPD coordinator.

10. Submission of Thesis:

- The Post Doctoral Fellow shall submit Four bounded hard copies of Thesis. In addition, soft copy of Thesis in pdf format in Pendrive to DPD coordinator. The Thesis shall be submitted through proper channel.
- The permission for extension of Thesis submission beyond Three months shall be obtained with due permission from Hon'ble Vice Chancellor. The maximum period of extension shall not exceed One year.

11. Examiners, Evaluation of Thesis and Public Viva Voce Examination:

- The thesis shall be evaluated by two External examiners.
- The external examiners shall be an eligible and active faculty who had evaluated the thesis shall report to the Controller of Examination on the merit of the thesis for Post Doctoral Fellowship as 'highly recommended', 'recommended' or 'not recommended' in

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University

VIII, Piparia, Taluka: Waghodiya.

Dist. Vadodara-391 760. (Gujarat)



the prescribed format, along with a detailed report within 30 days from the date of receipt of the thesis.

- If the evaluation report of the one of the external examiner is unsatisfactory and does not recommend viva-voce, the Institution shall send the dissertation/ thesis to another external examiner out of the approved panel of examiners and the viva-voce examination shall be held only if the report of the latest examiner is satisfactory. If the report of the latest examiner is also unsatisfactory, the dissertation/ thesis shall be rejected and the research scholar shall be declared ineligible for the award of the degree.
- When the thesis is approved, the candidate shall defend the thesis in public viva voce before the committee. The viva voce examination will be conducted only in the Sumandeep Vidyapeeth campus, Vadodara.
- A candidate who is successful in the viva voce examination shall be declared to have qualified for the Post Doctoral Fellowship with effect from the date of the viva-voce examination.
- A candidate, who is not successful in the defense viva voce, shall be permitted to appear for the viva voce for second time , within a period of three months.

12. Award of Post Doctoral Fellowship:

- On completion of the evaluation process, the successful candidate shall be awarded the Post Doctoral Fellowship in coming/ next convocation of the University.
- The Sumandeep Vidyapeeth Deemed to be University, shall also issue a provisional degree certificate certifying that Post Doctoral Fellowship has been awarded.

31. Depository with UGC:

Following the successful completion of the evaluation process and before the announcement of the award of the Post Doctoral Fellowship, the examination section, SVDU shall submit an electronic copy of the thesis to the Learning Resource Center (LRC-Library), SVDU for submission to the INFLIBNET for hosting the same on INFLIBNET-Shodhganga Website

as to make it accessible to all Institutions/ Colleges.

Attested CTC

Sharan
15/2/2021

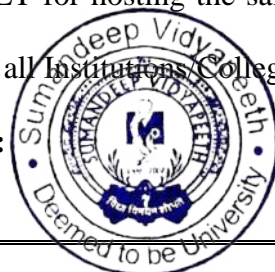
Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka- Wagholia.

Dist. Vadodara-391 760. (Gujarat)



The Vice Chancellor may take a decision in regards to all circumstances not covered in these regulations.

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

Vill. Piparia, Taluka. Wagholia.

Dist. Vadodara-391 760. (Gujarat)



LIST OF ANNEXURES

SR No	Title	Annexure No.
1	Calendar of Ph.D. Programme	1
2	Format for Research proposal	2
3	Application form for Ph.D. Entrance Test	3
4	Application form for Ph.D. Supervisor	4
5	Format for Departmental Research Advisory Committee (DRAC)	5
6	Recognition requirement for co- Supervisor and institutions of R&D nature, Industries and collaborating institutions for guiding/registering Ph.D. candidates	6
7	Functions of the Research Advisory committee	7
8	Model format for cover page of Ph.D. thesis	8
9	Format of declaration certificate by the candidate to be included in the thesis	9
10	Format of the certificate to be given by the Supervisor /Co-Supervisor	10
11	Format for External Examiner Evaluation Report	11
12	Format of Agreement for “In-Service” candidate.	12
13	Format of check list submitted by the candidate at the time of Ph.D. thesis submission.	13
14	Fee Structure.	14
15	Research Fellowship.	15
16	Certificate by Supervisor on Plagiarism.	16
17	Declaration by Ph.D. Candidate on Plagiarism.	17
18	UGC (Promotion Of Academic Integrity And Prevention Of Plagiarism In Higher Educational Institutions) Regulations, 2018.	18
19	Ph.D. Course Work Syllabus.	19

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka: Wagholia.

Dist. Vadodara-391 760. (Gujarat)



Calendar of the Ph.D. Programme (Tentative)

Sr No	Particulars	Time line																																				
1	Admission Notification for Doctoral (Ph.D.) Programme 2019	January - February																																				
2	Last date for submission of Ph.D. Admission form	15 days after Advertisement																																				
3	Hall Ticket Issue from Ph.D. Section, SVDU	Entrance Exam day																																				
4	All India Entrance Examination	One Month after the Advertisement																																				
5	Announcement of All India Entrance Examination Result	April																																				
6	Interview / Viva voce	May																																				
7	Announcement of Merit list of selected candidates	May																																				
8	Last date of Admission	June																																				
9	Commencement of Doctoral (Ph.D.) program	August																																				
10	Ph.D. Course work- 1. Research methodology and Intellectual Property Rights 2. Biostatistics.	August to January																																				
11	Ph.D. Course work Examination	February																																				
12	Declaration of the Ph.D. Course work result	February																																				
13	Central Research Advisory Committee(CRAC) presentation	March and April																																				
14	Institutes' Research Advisory Committee(IRAC) presentation	Every Six Months after successful clearance of CRAC																																				
	<table border="1"> <thead> <tr> <th>No. and Type of RAC</th> <th>Full time Scholars (3 years)</th> <th>Part time (In service) Scholars and Full time Scholars with Master degree (M.Sc.) in Medical (4 Years)</th> <th>Part time (In service) Scholars with Master degree (M.Sc.) in Medical (5 Years)</th> </tr> </thead> <tbody> <tr> <td>1st (IRAC)</td> <td>October</td> <td>October</td> <td>October</td> </tr> <tr> <td>2nd (IRAC)</td> <td>April</td> <td>April</td> <td>April</td> </tr> <tr> <td>3rd (CRAC)</td> <td>October</td> <td>October</td> <td>October</td> </tr> <tr> <td>4th (IRAC)</td> <td>April</td> <td>April</td> <td>April</td> </tr> <tr> <td>5th (IRAC)</td> <td>-</td> <td>October</td> <td>October</td> </tr> <tr> <td>6th (IRAC)</td> <td>-</td> <td>April</td> <td>April</td> </tr> <tr> <td>7th (IRAC)</td> <td>-</td> <td>-</td> <td>October</td> </tr> <tr> <td>8th (IRAC)</td> <td>-</td> <td>-</td> <td>April</td> </tr> </tbody> </table>	No. and Type of RAC	Full time Scholars (3 years)	Part time (In service) Scholars and Full time Scholars with Master degree (M.Sc.) in Medical (4 Years)	Part time (In service) Scholars with Master degree (M.Sc.) in Medical (5 Years)	1 st (IRAC)	October	October	October	2 nd (IRAC)	April	April	April	3 rd (CRAC)	October	October	October	4 th (IRAC)	April	April	April	5 th (IRAC)	-	October	October	6 th (IRAC)	-	April	April	7 th (IRAC)	-	-	October	8 th (IRAC)	-	-	April	
No. and Type of RAC	Full time Scholars (3 years)	Part time (In service) Scholars and Full time Scholars with Master degree (M.Sc.) in Medical (4 Years)	Part time (In service) Scholars with Master degree (M.Sc.) in Medical (5 Years)																																			
1 st (IRAC)	October	October	October																																			
2 nd (IRAC)	April	April	April																																			
3 rd (CRAC)	October	October	October																																			
4 th (IRAC)	April	April	April																																			
5 th (IRAC)	-	October	October																																			
6 th (IRAC)	-	April	April																																			
7 th (IRAC)	-	-	October																																			
8 th (IRAC)	-	-	April																																			
	After completion of CRAC/IRAC, A Research Supervisor shall submit evaluation report along with the copy of progress report and clearance certificate duly signed by the RAC members to the DPD coordinator, SVDU																																					
15	Pre Ph.D. Synopsis submission	Within Two months from the date of clearance of last IRAC																																				
16	Pre Ph.D. Synopsis presentation– Two hard copies	Within One month from the date of Pre-Ph.D. synopsis submission.																																				
17	Thesis Submission – Four hard copies and soft copy (in Pen drive)	Within Three months of successful completion of Pre Ph.D. presentation.																																				

Attested CTC



Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

WII, Piparia, Taluka- Wagholia.

Dist. Vadodara-391 760. (Gujarat)



18	Public Viva voce	Within Six months from the date of thesis submission
19	Notification	Within 15 days from the date of Public Viva voce
20	Degree Certificate	Next Convocation

Note:

1. It is a responsibility of a Ph.D. scholar and Ph.D. Supervisor to apply for SVIEC /SVIAEC / Research cell clearance at the appropriate time of the Research.
2. It is a responsibility of a Ph.D. scholar to pay requisite yearly Ph.D. program fees before commencement of academic year (i.e. 1st August every year) to avoid late fee and delay in Ph.D. studies.
3. In case of non compliance of calendar of Ph.D. program, there will be an extension of a term with requisite fees.

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

W.H. Piplari, Taluka- Waghodiya.

Dist. Vadodara-391 760. (Gujarat)



SUMANDEEP VIDYAPEETH

Basic Guidelines for Ph.D. Research Proposal

The following are the basic guidelines required in the Research Proposal to be submitted to the Ph.D. Section, SVDU.

1. Introduction (Minimum 250 words)

Summarise the introductory information, originality and the research methodology to be used.

2. Research Context and Contribution to the Research Field/ need for the study

Describe the broad context of the research and the overall contribution which will be made to the general field of research.

3. Aims, Objectives & Hypothesis:

Summarise the key objectives and hypothesis of the research.

4. Review of the literature/current practice in the field of research (1000 words minimum)

Review the state of the art/current literature/current practice in the topic of the proposed research with references to the scholarly literature as appropriate.

5. Patents relevance to the Ph.D. research topic :

6. Research Methodology

Describe the methodology to be used in the proposed research and why it is appropriate to the research objectives.

5.1 Universe of the study & Population framework

5.2 Sampling framework

- Method of Sampling
- Size of the Sample

5.3 Research Design

5.4 Research Tools/ techniques

5.5 Data Collection and Analysis

5.6 Statistical tools and techniques

5.7 Expected results

5.8 References

7. Resources:

Provide the details of the resources you will need to carry out your research work.

8. Work/ time Plan (in accordance to the duration of Ph.D. program)

Present the research work plan, outlining the main research tasks and timeline according to your Ph.D. program duration.

9. Ethical issues

If the proposed research directly involves human or live animal subjects, ethical clearance is required both from the place/ institute of the Ph.D. research work and from SVDU.

Note: The above guidelines are suggestions only. They do not guarantee a successful Ph.D. Research Proposal. They may, however, help you prepare a carefully conceptualized research proposal for Ph.D. Program.

Attested CTO



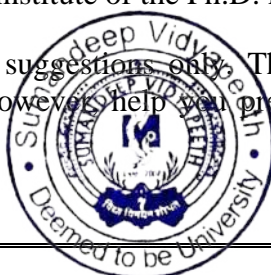
Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

Vill. Piparia, Taluka: Wagholia,

Dist. Vadodara-391 760. (Gujarat)



Application Form for Ph.D. Admission Entrance Examination

APPLICATION FORM FOR Ph.D ADMISSION ENTRANCE TEST

ANNEXURE - 3



SUMANDEEP VIDYAPEETH
(Declared as Deemed to be University Under Section 3 of UGC Act, 1956)
At. & Post : Pipariya, Ta : Waghodiya,
Dist : Vadodara-391760

Form No:

Paste your recent
colour Photograph
(Size: 3.5" x 4.5 cm)
& paste (do not staple)

Application form for Ph.D Entrance Test

Application For:

(a) Full time PhD

(b) In Service PhD

(c) Part time PhD

Signature of the Candidate

1. Ph.D Program applied for:

Medical

Dental

Physiotherapy

Nursing

Pharmacy

Management

specify area of specialization / Branch

2. NAME OF THE CANDIDATE

[Grid for Name]

Date of Birth

[Grid for Date of Birth]

3. FATHER's / HUSBAND's NAME

[Grid for Name]

Occupation

[Grid for Occupation]

Mobile No.

[Grid for Mobile No.]

Contact Numbers of the candidate

STD Code

Telephone No

[Grid for Contact Numbers]

E-MAIL ADDRESS OF CANDIDATE

[Grid for E-mail Address]

4. MOTHER's NAME

[Grid for Name]

Occupation

[Grid for Occupation]

5. PERMANENT ADDRESS

[Grid for Address]

CITY:

[Grid for City]

PIN CODE:

[Grid for Pin Code]

CONTACT NUMBER

Telephone No with STD Code

[Grid for Contact Number]

Mobile No

[Grid for Mobile No.]

E-MAIL ADDRESS

[Grid for E-mail Address]

6. CORRESPONDENCE ADDRESS

[Grid for Address]

CITY:

[Grid for City]

PIN CODE:

[Grid for Pin Code]

CONTACT NUMBER

Telephone No with STD Code

[Grid for Contact Number]

Mobile No

[Grid for Mobile No.]

E-MAIL ADDRESS

[Grid for E-mail Address]

Attested CTC

Sharan
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

At. Pipariya, Taluka: Waghodiya.

Dist. Vadodara-391 760. (Gujarat)



7. PASSPORT VISA DETAILS (For Foreign Candidates Only)

Citizenship (Country whose Passport is Now Held)

Passport Details Number _____ Date of Issue [] [] [] [] [] [] Date Month Year Valid Upto [] [] [] [] [] [] Date Month Year Place of Issue _____ Place of Registration with Government Authority _____	Visa Details Number _____ Date of Issue [] [] [] [] [] [] Date Month Year Valid Upto [] [] [] [] [] [] Date Month Year Place of Issue _____ Date of Registration [] [] [] [] [] [] Date Month Year
--	--

8. GENDER

Male

Female

9. CATEGORY

GEN ST SC OBC

OTHER

If other please specify _____

10. NATIONALITY

Indian

Other

If other please specify _____

11. Academic/Educational Qualification - Enclose attested zero x copies

Course/Program	Year	University/ Board	Institution	Marks Obtained /Percentage	Main Subject / Stream
Matriculation(10th)					
Intermediate(12th)					
Graduation ()					
Post Graduation ()					
Other ()					

12. Work Experience;Academic/Research- Enclose attested zero x copies

Sr.No	Position	Organisation	Period	Assignment

13. Give Details of Research Publications-Enclose attested zero x copies

SN	Title of Publication	Name of Journal / Published	No/Vol/Edition/Date	N/I* (✓)

* N- National , I- International

14. Proposed Research Area / Title for Ph.D Studies ;

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

WII, Piparia, Taluka- Wagholia.

Dist. Vadodara-391 760. (Gujarat)



15. Details of In-service Candidates (for those working in Sumandeep Vidyapeeth)

- a. Name of the Department _____
b. Name of the Institution/College _____
c. Date of appointment _____
d. Present designation _____
e. Period of Service _____

f. NOC enclosed Yes No

16. Any other Details

17. Application Fee Details

By Cash Cash Receipt No. _____
By Cheque Cheque No. _____ Date : _____ Drawee Bank _____

I.....hereby declare that all the details furnished above in this application are true, complete and correct to the best of my knowledge and belief. In the event of any of the information being found false or incorrect or any ineligibility being detected before or after the test / admission my candidature is liable to cancelled and action will be initiated against me. Further, I shall abide by all the SVDU Rules and regulations of PhD program that are applicable to Full time / Part time / In service candidates.

Date: _____

Signature: _____

Place: _____

Name _____

List of enclosures

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

(Note: Please must enclose a copy of photo ID and Address Proof

Copy of AADHAR CARD/ Passport/Voter ID/PAN/ Driving License etc.)

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

WII, Piparia, Taluka: Wagholia,

Dist. Vadodara-391 760. (Gujarat)



4. Correspondence Address

City: _____ PIN Code: _____

Contact Number
 STD Code Telephone No Mobile No

E-Mail Address

5. Permanent Address

City: _____ PIN Code: _____

Contact Number
 STD Code Telephone No Mobile No

E-Mail Address

6. Gender
 Male
 Female

7. Category
 GEN ST SC OBC
 Other
 If other please specify _____

8. Nationality
 Indian
 Other
 If other please specify _____

9. Academic / Educational Qualification - (Enclose attested zerox copies); Attach separate sheet if required

Course/Program	Session (year to year)	University/Board	Name of the Institute	Marks obtained/Percentage	Branch/Stream
Graduation					
Post Graduation					
Superspeciality / PhD					
Other					
Other					

Attested CTC

Anaraney
 15/2/2021

Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University

WII, Piparia, Taluka- Wagholia.

Dist. Vadodara-391 760. (Gujarat)



10. Title of Thesis / Dissertation at PG/PhD Studies

10. Total Teaching/Research Experience

11. Teaching Experience after PG

12. Date of PG Teacher Recognition

13. Experience as PG Teacher

14. Provide Number of PG guidance Completed Ongoing

15. Provide following data of ongoing PG guidance

SN	Name of Candidate	Thesis Topic	Date of Completion

16. Work Experience; Academic/Research - (Enclose attested zerox copies of each) ; Attach separate sheet if required

Sr.No	Position	Organization	Period	UG / PG

17. Total Number of Research Papers/Books Published National Journal International Journal Books

18. Give Details of Research Publications-attach separate sheet if required

SN	Title of Publication	Journal / Publication House	No/Vol/ Date	N/I

* N- National , I- International

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University

WII, Piparia, Taluka- Waghodia.

Dist. Vadodara-391 760. (Gujarat)



19. Whether Already recognised as PhD Guide with any University

Yes

No

If yes provide following details.

20. No of PhD Candidates guidance

Completed

on going

21. Provide details of ongoing PhD Guidance; attach Separate Sheet if required

SN	Name of Candidate	Thesis Topic	Date of Completion

I.....hereby declare that all the statements made in this application are true, complete and correct to the best of my knowledge and belief. In the event of any of the information being found false or incorrect or any ineligibility being detected before or after the test, my PG Guideship is liable to be cancelled and action will be initiated against me, I am not guiding more than eight PhD guide Scholars as on date. Further, I shall abide by the Rules and Regulations that govern Internal/External guides.

Date: _____

Signature of the Applicant _____

Place: _____

As per our Institutional records the information furnished above is true and to the best our knowledge ; This institution has no objection for his/her external Guideship

Date: _____

Signature of Head of Institution

Institutional Seal

Name: _____

Stamp

List of Annexure / enclosures

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

WII, Piparia, Taluka: Waghodiya.

Dist. Vadodara-391 760. (Gujarat)



Format for Central / Departmental Research Advisory Committee (DRAC)

Name of the Ph.D. Scholar: _____ Registration No.: _____

Faculty: _____ Subject: _____

Date: _____ Time: _____ Place: _____

Progress Report No.: _____ Period of Progress Report: From _____ to _____

A meeting of Department Research Advisory Committee was held to evaluate the Ph.D. research work entitled “ _____

_____ ”

Following members were present in the meeting:

- 1. _____ 2. _____
- 3. _____ 4. _____
- 5. _____ 6. _____

The committee members evaluated the presentation of Progress Report of the Ph.D. research work under the following points and suggested the comments as under:

- 1. Quality of work done: Excellent/ Good / Satisfactory / Unsatisfactory: _____
- 2. Quantity of work done (Enough / Just Sufficient / Insufficient) _____
- 3. Progress presentation should be given again on _____. (This option may be used if progress is unsatisfactory and/or insufficient)

Recommended Recommended with suggestions Not Recommended (✓ tick mark)

Recommended with suggestions: _____

(use extra sheet if required)

If not recommended (Reasons): _____

(use extra sheet if required)

Subject Expert I (Internal) Subject Expert II (Internal) Ph.D.Supervisor Co-Supervisor (if any) HOD/Dean

Note: a. Kindly forward this DRAC report to Ph.D. section in seal cover alongwith progress report.

Attested CTC

b. Concern Dean/HoI will issue DRAC Cleanrance certificate to Ph.D. Scholar after each successful DRAC.

Sharaney
15/2/2021
Vice-Chancellor



FORMAT FOR S DEPARTMENTAL RESEARCH ADVISORY COMMITTEE

CLEARANCE REPORT

To,

Ph. D. Candidate – Batch

Subject.....

Faculty of

SVDU

SUBJECT: DRAC CLEARANCE REPORT

The DRAC members evaluated the presentation of Progress Report of the Ph.D. research work and commented as under:

Sr. No	Date of DRAC	No. of DRAC	Name of the Student	Department/ Subject	Status* after DRAC
1					

**Recommended / Not Recommended*

**If not recommended, the Ph.D. candidate has to appear again before the DRAC and the term will be extended.*

This for your information and necessary compliance please.

Ph.D Supervisor
Name and Sign

Dean/ HoI

Copy forwarded for kind information:

The Ph.D. Coordinator, SVDU

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka- Waghodia.

Dist. Vadodara-391 760. (Gujarat)



SUMANDEEP VIDYAPEETH

Recognition requirement for co- supervisor and Institutions of R & D nature, Industries and collaboration institutions for guiding/registering Ph.D. candidates

1. Institute/ industry must have minimum two persons with Ph.D. qualification in the area(s) of research and well established R&D in the department/institution as approved by the university.
2. Must have library facilities with adequate books, journals in the area of research literature retrieval facility through CD-ROM/internet facilities.
3. Application to be submitted in the prescribed format Annexure-II & / or B for recognition as Co- supervisor.
4. The academic institutes must be approved/ recognised by respective councils.
5. The industries/ research centers must be approved/ recognised by SVDU.

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka- Waghodia.

Dist. Vadodara-391 760. (Gujarat)



SUMANDEEP VIDYAPEETH

FUNCTION OF RESEARCH ADVISORY COMMITTEE

The vice- chancellor of Sumandeep Vidyapeeth shall constitute a specialty/ subject wise research advisory committee for each faculty, comprising of Faculty Dean, two subject experts out of which one may be external (shall be recognized Ph.D. Supervisor), Research Supervisor /s and Ph.D.Coordinator. The respective supervisor shall work as the Chairman of the RAC.

This Committee shall have the following responsibilities:

- To review the research proposal and finalize the topic of research.
- To guide the research scholar to develop the study design and methodology of research and identify the course(s) that he/she may have to do.
- To periodically review and assist in the progress of the research work of the research scholar.
- A research scholar shall appear before the Research Advisory Committee once in six months to make a presentation of the progress of his/her work for evaluation and further guidance.
- In case the progress of the research scholar is unsatisfactory, the Research Advisory Committee shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, the Research Advisory Committee may recommend to the Institution/College with specific reasons for cancellation of the registration of the research scholar.

Attested CTC

Sharaney
15/2/2021

**Vice-Chancellor
Sumandeep Vidyapeeth**

An Institution Deemed to be University

VII, Piparia, Taluka- Waghodiya.

Dist. Vadodara-391 760. (Gujarat)



MODEL FORMAT FOR COVER PAGE OF THE Ph.D. THESIS

(Title of the Thesis)

A Thesis Submitted to

Sumandeep Vidyapeeth

(Declared as Deemed to be University U/S 3 of UGC Act 1956)

For the Award of the Degree of

Doctor of Philosophy (Ph.D.)

in (write subject)

By

(Name of the Candidate)

Under the Guidance of

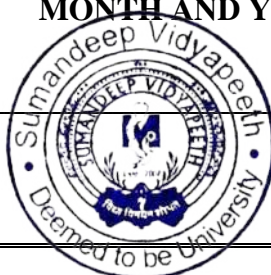
(Name of the Supervisor)

(Name of the Co- Supervisor if any)

Attested CTC

Sharaney
15/2/2021

MONTH AND YEAR



Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka- Wagholia,

Dist. Vadodara-391 760. (Gujarat)

Format of declaration certificate by the candidate
to be included in the thesis

I _____ declare that the thesis titled

Submitted by me for the degree Doctor of Philosophy (Ph.D.) in subject _____ is the original research work carried out by me during the period from _____ to _____ under the guidance of _____ and the co-guidance of _____ (if applicable) and has not formed the basis for the award of any degree, diploma associate ship, fellowship, titles in this or any other university or other similar institution of higher learning.

Date:	Signature:
Place:	Name of the Candidate:

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka- Waghodia.

Dist. Vadodara-391 760. (Gujarat)



SUMANDEEP VIDYAPEETH

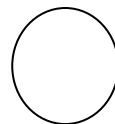
(Declared as Deemed to Be University U/S 3of UGC act 1956)

Format of the certification to be given by the Supervisor /Co- Supervisor (in all copies)

I certify that the thesis titled _____

Submitted for the degree Doctor of Philosophy (Ph.D.) in the subject _____
by Mr./Ms _____ is the record of original
Research work carried out by him/her during the period from _____ to _____ under
my guidance and supervision and this research work has not formed the basis for the award of
any degree, diploma associate ship, fellowship, titles in this or any other university or other
similar institution of higher learning.

Date:	Ph.D. Supervisor Signature:
Place:	Ph.D. Supervisor Name:
Date:	Ph.D. Co- Supervisor Signature:
Place:	Ph.D. Co- Supervisor Name:



Dept Seal

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka- Wagholia.

Dist. Vadodara-391 760. (Gujarat)



SUMANDEEP VIDYAPEETH

(Declared as Deemed to Be University U/S 3of UGC act 1956)

**[Format for Report of external examiner of Ph.D. thesis]
(to be sent with thesis for external evaluation)**

1	Name of Candidate:	
2	Title of Thesis:	
3	Discipline of subject:	
4	Name of the examiner: Address of the examiner:	
5	Recommendation and Remarks of the Examiner:	Yes/ No OR Tick (√)
	(a) Thesis is highly recommended.	
	(b) Thesis is commended.	
	(c) Thesis is commended and the Degree may be awarded subject to the corrections/modifications as suggested.	
	(d) Thesis is not commended and the Degree may not be awarded.	
6	Detailed report on the thesis (to be enclosed): Yes/No	
7	List of questions to be asked at the public viva-voce examination (to be enclosed)	

Attested CTC

Signature
Date: 15/2/2021
Place: Vice-Chancellor



Signature of the Examiner

FORMAT OF UNDERTAKING

FOR IN-SERVICE PH.D. CANDIDATE OF SUMANDEEP VIDYAPEETH

(On Rs.100/-stamp paper, registered & notarized)

AGREEMENT

This agreement is made at Piparia, Tal; Waghodia, Dist; Vadodara on _____ day of _____ Month of _____ year BETWEEN

Sumandeeep Vidyapeeth Deemed to be University, Piparia its Registrar, _____; Aged _____ occupation; Registrar, Sumandeeep Vidyapeeth Deemed to be University; R/O Vadodara (Here in after referred to as “the SV” which expresses unless repugnant to the context or meaning there of shall mean & include all action trustees, administrator, executors, their successors and assignees)

AND

Mr./Mrs./Dr _____ Working as _____ Department of _____ R/O _____ who has taken admission to Ph.D. Programme as an “in Service Candidate” by virtue of being registered as Staff of “the SV” which is conducting Ph.D.... Programs. (Hereinafter referred to as “the in Service Candidate” which expression unless repugnant to the context or meaning there of shall mean and includes his/her heirs, successors, nominees and assignees)

THIS INDENTURE WITNESSETH AS FOLLOWS:

I. Where as “the SV” is UGC recognized Deemed to be University vide Government of India, Ministry of Human Resource Development notification declaring the Institute as ‘Deemed to be University’ F.9-46/2004.U-3 dated 17 January, 2007.and Registrar being the Chief Administrative Officer of “SV”.

II. And whereas “the SV” has decided to permit “in Service Candidate” (Staff) for the Ph. D degree in the Ph. D programme;

And Whereas the above named “in Service Candidate” is qualified and shown his readiness and willingness to undergo the said programme on a condition that “in

Attested CTO

Sharaney
15/12/2021

Vice-Chancellor

Sumandeeep Vidyapeeth

An Institution Deemed to be University

Vill. Piparia, Taluka- Waghodia.

Dist. Vadodara-391 760. (Gujarat)



Service Candidate” would serve “the SV” continuously for a period of two years immediately after completion of Ph. D programme as mention in the Agreement.

1. “The SV” has principally agreed to permit “in Service Candidate” to undergo the programme in the field of _____ in the department _____ from _____ to _____.
2. The said “in Service Candidate” is fully aware that he is permitted on condition that he/she will continuously serve “the SV” as _____ for period of two Years from the date of his / her successful completion of Ph. D programme SV.
3. The Ph.D. programme period will be between _____ to _____.
4. (a) Further the in-service Candidate will execute willingness to deduct Rs _____/(Rupees _____Per month) from his / her pay for a period of _____ which will be refunded back to the in service candidate after 24 months from the date of award of the Ph.D. degree and completion of bond period without any interest.
- 4 .(b) The terms may be as under:- That in case of his/her failure in the course or for any other reasons, if he/she leave the educational term uncompleted, or due to any other default on his/her part; SV shall have the legal rights against him/her or against the sureties mentioned here in below, to recover the amount of total fee fixed for the Ph. D programme course of said years treated as free ship during the period of his/her studies as Ph. D programme student at the SV along with the interest thereon.
5. During the substance of this agreement if there will be dispute in respect of this agreement, the decision of “the SV” will be final and legal action will be subject to the jurisdiction of Vadodara.

III. IN WITNESS WHEREOF THE PARTIES HERETO HAVE PUT THEIR SIGNATURES ON THIS DAY AND YEAR HEREINBEFORE MENTIONED.

III. I Undersigned “in Service Candidate” has read and understood the terms and conditions of this agreement and he/she is executing this agreement with his /her free consent, without any undue influence, misrepresentation. At the time of signing the agreement, he/she is in full consciousness and in sound mind. He / She further state that this act of mine is exclusively taken by me and management of the “the SV” has not influenced me to do so.

Attested CTC

Sharaney
15/2/2021

**Vice-Chancellor
Sumandeep Vidyapeeth**

An Institution Deemed to be University

**VII, Pipariya, Taluka: Waghodiya,
Dist. Vadodara-391 760. (Gujarat)**



“THE SV, PIPARIA”

THROUGH ITS REGISTRAR

(.....)

(Name, Date and Stamp)

“THE IN SERVICE CANDIDATE”

(Name, Address and Date)

WITNESS: (with full address)

1.
.....
.....
2.
.....
.....

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University

WII, Piparia, Taluka- Wagholia,
Dist. Vadodara-391 760. (Gujarat)





SUMANDEEP VIDYAPEETH

(Declared as Deemed to be University Under Section 3 of UGC Act, 1956)

At. & Post : Piparia, Ta : Waghodia, Dist : Vadodara-391760

INFORMATION TO BE FILLED BY PH.D.... CANDIDATE AT THE TIME OF PH.D.... THESIS SUBMISSION

Name of Ph.D.... Candidate:	Contact No. (Mob)
Subject:	Address:
Registration No. & Date:	Category:
Name of Supervisor:	Pre-Ph.D.Synopsis Submission Date:
Mode of Study: (✓) Full Time/ Part Time/ In Service/ External Candidate	

CHECKLIST OF DOCUMENTS FOR SUBMISSION OF THESIS AT UNIVERSITY

Sr No	Document	Remarks (Yes/No/ NA)
1	Forwarding letter of student signed by recognised Supervisor, HoD and Dean of concern department/ faculty.	
2	A Copy of Ph.D.... Registration Certificate	
3	A Copy of Pre-Ph.D.... certificate issued by University	
4	A copy of Research Paper Publication in indexed referred Journal	
5	Hard Copy of Synopsis Submitted	
6	Copy of Fee Receipts of all terms	
7	Copy of Fee Receipt of Synopsis submitted	
8	Copy of DRAC clearance reports	
9	Copy of course work completion certificate	
10	Plagiarism Check report signed by student and Supervisor	
11	Hard Copy of Thesis (six copies)	
12	Soft copy (CD) of Ph.D.... thesis (as per Inlibnet Shodhganga Portal)	

Attested CTC

Date:

Sharaney
15/2/2021

Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University

Vill. Piparia, Taluka: Waghodia.

Dist. Vadodara-391 760. (Gujarat)



Fee structure for Ph.D. program

Particulars	Fees (INR)
Tuition Fees* (Per Annum)	50,000
Security deposit (Refundable)	10,000
Course work Examination Fees for each attempt	2,200
Ph.D. Registration Fees (one time)	8,000
Presentation for Central Research Advisory Committee	Expenditure as applicable
Pre Ph.D. Synopsis Presentation	Expenditure as applicable
Ph.D. Thesis evaluation Fees	15,000
Public Viva Voce	20,000

Note:

1. * means Tuition fees to be paid each year till the submission of Thesis.
2. Tuition Fee payment and Refund shall be as per the policy of Sumandeep Vidyapeeth Deemed to be University.

• **Mode of Fee Payment:**

By Cash/ By DD – drawn on “Sumandeep Vidyapeeth Deemed to be University” payable at Baroda

RTGS – Acct Name: “Sumandeep Vidyapeeth”, **Acct No.** 178802000000154

IFSC Code: IOBA0001788


Bank Name: Indian Overseas Bank, At: Pipariya, Ta. Waghodiya, Dt. Vadodara 391760.

- Fees for “In Service “candidates are waived off subject to their meeting following “In Service” Ph.D. Terms and Conditions.
- Full time Medical / Dental (on campus) candidates may be considered for stipendiary Senior Residency positions in medical/dental colleges if such vacancy is available. For deserving candidates, the fee waiver can also be considered. Otherwise, the Ph.D. for external candidates is full time, on campus and unpaid (candidates will have to bear all expenses including accommodation and mess charges).

Attested ETC

Ph.D. admission and Ph.D. entrance examination fee once paid will not be refunded under any circumstances.

The Vice Chancellor may take a decision in regards to all circumstances not covered in this Ph.D. admission notification.


Vice-Chancellor
Sumandeep Vidyapeeth



Cancellation of admission and Refund of Fees:

If a student chooses to withdraw from the Ph.D. programme of study in which he/she is enrolled, the SVDU shall follow the following five-tier system for the refund of fees* remitted by the student.

Sr. No.	Percentage of Refund of fees*	Point of time when notice of withdrawal of admission is received in the Higher Educational Institution (HEI)
1.	100%	15 days or more before the formally-notified last date of admission.
2.	90%	Less than 15 days before the formally-notified last date of admission.
3.	80%	15 days or less after the formally –notified last date of admission.
4.	50%	30 days or less, but more than 15 days, after formally-notified last date of admission.
5.	00%	More than 30 days after formally-notified last date of admission.

Note:

1. In case of (1) in the table above, the HEI concerned shall deduct an amount not more than 5% of the fees paid by the student, subject to a maximum of Rs. 5,000/- as processing charges from the refundable amount.
2. In case of (5) in the table above, the payment of the fees for balance years by redeeming unconditional bank guarantee / cheques in favor of Sumandeep Vidyapeeth for the payable amount if the student leaves the course after the 30 days of formally-notified last date of admission or during middle of course.
3. Fees shall be refunded by HEIs to an eligible student within fifteen days from the date of receiving a written application from him/her in this regard.

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka: Wagholia.

Dist. Vadodara-391 760. (Gujarat)



ANNEXURE III-RESEARCH FELLOWSHIP

Research fellowship

1. Introduction

The Research Fellowship in Medical/Dental/Allied Health Sciences by SV is awarded to meritorious students. The fellowship is open to candidates who have registered for Ph.D. in Medical/Dental/Allied Health Sciences in SV (Full Time) – 10% of the total qualified and admitted students are entitled for the fellowship as per the faculty wise admissions. Part Time Students are not entitled to avail the research fellowship

2. Objective

The objective of Research fellowship is to provide opportunity to meritorious candidates to undertake advanced studies and research leading to Ph.D. degrees in Medical/Dental/Allied Health Sciences.

3. Eligibility

The candidates who have been registered for Ph.D. in Medical/Dental/Allied Health Science subjects in SV are eligible for the fellowship-(Full Time)

4. Nature of Assistance Available Under the Scheme

The tenure of fellowship is initially for two years under the SV scheme. Upon expiry of this period, the work of the Fellow will be evaluated by Experts Committee to be set up by the Sumandeep Vidyapeeth. If the research work is found satisfactory, his/her tenure may be extended for a further period of one year. In case the work for the two years is not found satisfactory, an additional year will be given to him/her for improvement. In such cases work will be evaluated again after year, and if improvement is found, the Fellow will get one year period under the SV Scheme. Thus, the total period of fellowship is three years, with no further provision of extension.

Financial Assistance:

Fellowship @ Rs.10,000/-p.m.

Contingency @ Rs.10,000/-p.a.

Leave:

15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka: Waghodiya,

Dist. Vadodara-391 760. (Gujarat)



The leave entitlement for research fellow will remain the same as that for other PG students in the Sumandeep Vidyapeeth.

5. Procedure for Application

Only those candidates who have been registered as full time (external candidate) for Ph.D. in Medical/Dental/Allied Health Science subjects in SV are eligible to apply in the structural format provided by the Sumandeep Vidyapeeth

6. Procedure for Release of Grant

On receipt of the names, bio-data and joining report of the selected candidates from the Department or Constituent College of SV, the Account office of SV will accept the candidature of the Fellow and will release the first installment of admissible grants to the Institution/ University on a yearly basis, from the date of joining in a lump sum manner.

7. Procedure for Monitoring the Progress of the Scheme

The performance of the Research Fellow is monitored by their respective supervisor and reflected in the yearly progress report submitted to the University for Submission to the UGC office.

On completion of first two years of the award, the Fellow may apply to the department/university concerned for continuation. For this purpose, a three-member Committee consisting of the Supervisor, Head of Department and one Outside Expert in the concerned subject will be constituted by the Institution to evaluate the research work done by the Fellow. On Recommendations/Comments of the Committee, the Fellow will be allowed to continue. The concerned departments are expected to monitor the work of the Fellow continuously. He/she shall not accept or hold any position, paid or otherwise, or receive emoluments, salary, stipend, etc. from other sources during the tenure of the award. The fellowship may be terminated by the SV, on the recommendation of the University at any time during the tenure and the decision of the SV will be final and binding. The tenure of the fellowship is for four years from the date of joining, subject to satisfactory progress report of the Fellow or submission of Ph.D. thesis, whichever is earlier. No extension is permissible beyond the total tenure of four years and the awardee ceases to be a SV Research Fellow under the scheme of SV immediately after expiry of the due date. Any claim/reference to this effect will be illegal and the individual may have to

Attended CTC

and disciplinary action for such an act.

Note: - The tenure of research fellowship should not exceed the minimum stipulated period of doctoral period i.e 2 or 3 years (full time external candidate) as the case may be.

Sharan
15/2/2021

Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University



Vill. Piparia, Taluka: Wagholia,
Dist. Vadodara-391 760. (Gujarat)

Certificate

I certify that the thesis titled _____

_____ submitted for the degree Doctor of Philosophy (Ph.D.) in the subject _____ by Mr./Ms/ _____ is the record of original Research work carried out by him/her during the period from _____ to _____ under my/ our guidance and supervision. The research work compiled in this thesis is checked by me and found free from any kind of plagiarism.

Supervisor Sign:	Co- Supervisor Sign:(if any)
Name:	Name:
Designation:	Designation:
Department:	Department:
Institute:	Institute:
Date:	Date:
Place:	Place:

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor
Sumandeep Vidyapeeth

An Institution Deemed to be University

Vill. Piparia, Taluka. Wagholia.

Dist. Vadodara-391 760. (Gujarat)



Declaration by Ph.D. Candidate

I declare that the thesis titled _____

_____ submitted for the
degree Doctor of Philosophy (Ph.D.) in the subject _____ by me is the
record of original Research work carried out by me during the period from _____ to
_____ under the guidance and supervision of Ph.D.Supervisor Prof./ Dr.
_____ and Ph.D.Co-supervisor (if any)
_____.

The research work compiled in this thesis is free from any kind of plagiarism.

Candidate Sign:
Candidate Name:
Department:
Institute:
Date:
Place:

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka: Waghodia.

Dist. Vadodara-391 760. (Gujarat)



UGC (Promotion of Academic Integrity And Prevention Of Plagiarism In Higher Educational Institutions) Regulations, 2018

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VIII, Piparia, Taluka- Wagholia,

Dist. Vadodara-391 760. (Gujarat)



**Ph.D. COURSE WORK
SYLLABUS (Revised)**

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

VII, Piparia, Taluka- Waghodiya.

Dist. Vadodara-391 760. (Gujarat)



Ph.D. COURSE WORK SYLLABUS

The following amendments are made in Doctoral (PhD) program course work syllabus in form of topics:

(Vide notification of Board of Management resolutions Ref no: SVDU/R/3383/2019-20 dated 30/07/2020)

SECTION I: RESEARCH METHODOLOGY AND INTELLECTUAL PROPERTY RIGHTS

(45 h)

Part 1. Research process- Characteristics and requirements (2h)

- Types of research

Part 2. The Research Phases (3h)

- Phases- I Formulating a research problem
- Phase- II Planning a research problem
- Phase- III Conducting a research proposal

Part 3. Reviewing the literature (5h)

- How to review the literature, Searching, reviewing of the literature, Developing a theoretical and conceptual framework

Part 4. Formulating a research problem (5h)

- Source, consideration and step in formulating a research problem
- Formulation of research objectives in qualitative research

Part 5. Identifying variables (4h)

- Types of variable
- Types of Measurement Scale

Part 6. Constructing Hypotheses (3h)

Attested CTC

- Definition, function, testing and characteristics of hypothesis
- Types of hypothesis

Part 7. Conceptualizing a research design (2h)

Sharaney
22/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

Vill. Piparia, Taluka- Wagholia.

Dist. Vadodara-391 760. (Gujarat)



- Research design- Function and theory of research design

Part 8. Constructing an Instrument for Data Collection (3h)

- Selection a method of data collection
- Collection data using attitudinal scales
- Validity and reliability of a research instrument

Part 9. Selecting a sample (2h)

- Concept, sampling terminology, principles of sampling
- Factor affecting the interferences
- Types of sampling- Non Random, non-probability sampling design in quantitative research

Part 10. Writing a research proposal / Research Grant (4h)

- How to write a research proposal/ Research Grant
- Objectives, Hypotheses, Study design, Setting, Measurement procedures, Ethical issues
- Sampling, Analysis of data, Structure of the report and Problems and limitations

Part 11. Writing a research report (2 h)

- Writing a research report, developing an outline, writing about a variable
- Referencing, writing a bibliography and summary

Part 12. Research methodology and practice evaluation (1h)

- Evaluation
- Types of evaluation from a focus perspective
- Types of evaluation from a philosophical perspective
- Undertaking an evaluation
- Ethical in evaluation
- Summary

Attested CTC

The following amendments are made in Doctoral (PhD) program course work syllabus

in to in of topics:

15/2/2021

Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

WII, Piparia, Taluka- Waghodiya.

Dist. Vadodara-391 760. (Gujarat)



(Vide notification of Board of Management resolutions Ref no: SVDU/R/3383/2019-20 dated 30/07/2020)

Part 13. Intellectual property Rights (2h)

Part 14. Ethical aspects in Research (1h)


Part 15. Evidence Based Education System in Research (6h)

- Introduction to EBES- concept of EBES- what is evidence, requirements for EBES practice, need for evaluation of evidence, concept of peer review
- **Why EBP: gap between research and practice**
- Concept of formulating a question- an –introduction, PICO method, examples for understanding, searching for evidence-computer search, computer skill required for searching, case studies, internet use protocol, search engines peer reviewed, search filters, traditional evidence and knowledge generating evidence, evidence pyramid of knowledge & levels of evidence.
- **Critical appraisal of published research**

Recommended Books:

1. Kothari, C R, Research Methodology.
2. Bhattacharyya, Dipak Kumar, Research Methodology.
3. Parikh, M.N. And Gogtay, N, ABC of Research Methodology and Applied Biostatistics: A Primer for Clinicians and Researchers.
4. Yelikar, Kanan, Essentials of Research Methodology & Dissertation Writing

Attested CTC


15/2/2021

**Vice-Chancellor
Sumandeep Vidyapeeth**

An Institution Deemed to be University

WII, Piparia, Taluka- Waghodiya.

Dist. Vadodara-391 760. (Gujarat)



SECTION II - BIOSTATISTICS (45 h)

Part 1: Data Presentation (4 h)

Graphs: Histogram, Bar Charts: Simple and Multiple, Pie Chart, Problems and Interpretations of each. Tables: Simple Table; Two Way and Multiway Table; Problems elaborating each.

Part 2: Measure of Central Tendency, Dispersion, Skewness and Kurtosis (6 h)

Measure of Central Tendency: Arithmetic Mean, Median, Mode. Measure of Dispersion: Variance, standard Deviation, Standard error, Coefficient of variation. Skewness: Discussion, Karl Pearson's co-efficient of Skewness. Kurtosis: Discussion. Note: Discussion of uses and interpretations is expected.

Part 3: Exact Sampling Distribution I (8 h)

Calculation of Sample Size, Chi Square Test, Definition: Applications of Chi Square Test. Chi Square Test for population variance. Chi Square Test for Goodness of Fit. Chi Square Test for independence of attributes (2 x 2 contingency table only). Yates Correction method. (Problems on Chi-Square with Yates correction need to be covered in practical session). Note on degrees of freedom. Problems

Part 4: Exact Sampling Distribution II (12 h)

Parametric Test: t-test. Definition: Simple t- Test for mean and variance. Independent t-test for Mean and Variance. Paired t- Test for mean and variance, Unpaired t-test. Problems on each. Z-test. Definition: Z- Test for significance of difference for sample mean and Population Mean. Z- Test for significance of difference for sample variance and Population Variance. Z- Test for significance of difference for sample means of two group. Z- Test for significance of difference for sample variance of two groups. Problems. ANOVA, One Way ANOVA, Two Way ANOVA. Problems. Non Parametric Test: Test of Randomness, Median Test, Sign Test, Mann-Whitney-Wilcoxon U Test, Problems

Attested OFF



Vice-Chancellor

Sumandeep Vidyapeeth

An Institution Deemed to be University

Vill. Piparia, Taluka- Wagholia.

Dist. Vadodara-391 760. (Gujarat)



Part 5: Testing of Hypotheses (7 h)

Introduction: Assumption of Parametric test, General Hypotheses, Statistical Hypotheses, Simple and Composite Hypotheses, Null Hypotheses, Alternative Hypotheses, Critical Region, Two Types of Error, Level of Significance, Steps in Solving Testing of Hypotheses problem.

Part 6: Correlation and Regression (6 h)

Definition of Correlation for Bivariate Distribution. Types of Correlations, Positive Correlation, Negative Correlation, No Correlation. Methods for Identifying Types and Degree of correlation, Scatter Diagram, Karl Pearson's Correlation Coefficient, Problems, Interpretations of Results, Rank Correlation, Limitations of correlations, Regression for Bivariate Distribution, Line of regression, Regression Curves, Regression Coefficients, Properties of regression Coefficients.

The following amendments are made in Doctoral (PhD) program course work syllabus in form of topics:

(Vide notification of Board of Management resolutions Ref no: SVDU/R/3383/2019-20 dated 30/07/2020)

Part 7: Computer Applications in Research (2 h)

Recommended Books:

1. Mahajan, B.K. Methods in Biostatistics: For Medical Students and Research workers
2. Sarmukaddam, S.B. Biostatistics Simplified.
3. Parikh, M.N. and Gogtay, N. ABC of Research Methodology & Applied Biostatistics: A Primer for Clinicians & Researchers.
4. Rao, V.K. Biostatistics In Brief Made Easy

Attested CTC

Sharaney
15/2/2021

Vice-Chancellor
Sumandeep Vidyapeeth
An Institution Deemed to be University
Vill. Piparia, Taluka: Waghodia.
Dist. Vadodara-391 760. (Gujarat)

