



**SUMANDEEP VIDYAPEETH**

An Institution Deemed to be University u/s 3 and 12B of UGC Act 1956  
Accredited by NAAC with a CGPA of 3.53 on a Four Point Scale at 'A' Grade  
Category - I Deemed to be University under UGC Regulation 2018

At & Post: Piparia, Taluka: Waghodia, District: Vadodara, Gujarat State, INDIA. Pin: 391760  
Phone: +91 2668 245262/64/66, E-mail ID: registrar@sumandeepvidyapeethdu.edu.in Website: www.sumandeepvidyapeethdu.edu.in

# **Implementation of CHOICE BASED CREDIT SYSTEM (CBCS)**

## **Minutes of Meetings of Board of Studies (BoS)**

**Attested CTC**

*Sharan*  
15/2/2021

**Vice-Chancellor**

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





# DEPARTMENT OF PHARMACY SUMANDEEP VIDYAPEETH

(Declared Under Section 3 of UGC Act, 1956)

Vill. Piparia, Waghodia Taluka,  
Dist. Vadodara- 391760 (Gujarat)

Dr. A. K. Seth  
HOD

Phone: +91 2668 245279 Ext: 401  
URL: www.sumandeepuniversity.co.in

Reference No.: SV/DP/2016-17/26

Date: 13/08/2016

## Minutes of meeting of BOS

Date of meeting: 13/08/2016

Time : 10.00 AM

Minutes Prepared by: Dr. Rajesh Maheshwari

Location: DOP

Agenda of meeting:

1. Implementation of PCI new syllabus and exam pattern in B. Pharm & M. Pharm courses from 2016-17.
2. Any other item with the permission of the Chair

Attendance:

Name	Institute	Designation
Dr. A. K. Seth (Chairman)	Department of Pharmacy	Prof. & Head
Dr. V. A. Patel (Member)	A. R. College of Pharmacy	Professor
Dr. R. Balaraman (Member)	Department of Pharmacy	Professor
Dr. Dipen Sureja (Member)	Department of Pharmacy	Associate Professor
Dr. Rajesh Maheshwari (Member Secretary)	Department of Pharmacy	Associate Professor
Dr. Girish Sailor (Member)	Department of Pharmacy	Associate Professor
Dr. Nirmal Shah (Member)	Department of Pharmacy	Associate Professor
Dr. Kushal Gohel (Member)	Department of Pharmacy	Assistant Professor
Dr. Ashim Sen (Member)	Department of Pharmacy	Associate Professor
Dr. (Mrs) Dhanya B Sen (Member)	Department of Pharmacy	Assistant Professor

**Attested CTC**

*Charan*  
15/2/2021

**Vice-Chancellor**

**Sumandeep Vidyapeeth**

An Institution Deemed to be University

Vill. Piparia, Taluka: Waghodia.

Dist. Vadodara-391 760. (Gujarat)

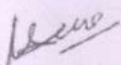


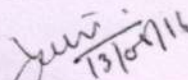


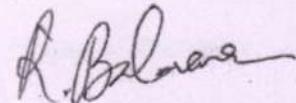
Discussion and decisions

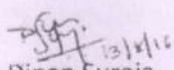
subject	Discussion	Decision
Implementation of PCI new syllabus and exam pattern in B. Pharm & M. Pharm courses from 2016-17.	<p>Dr. A. K. Seth (chairman) welcomed the members of the Board of studies and presented the agenda of the meeting.</p> <p>All the members were gone though the PCI new syllabus and exam pattern of B. Pharm &amp; M. Pharm courses prescribed by PCI.</p> <p>Dr. Seth asked to membres about any suggestion/advise in new syllabus and exam pattern.</p>	All members were agreed to implement the PCI new syllabus and exam pattern in B. Pharm & M. Pharm courses from 2016-17 prescribed by PCI

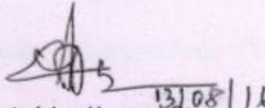
The meeting then ended at 12.00 noon with vote of thanks.

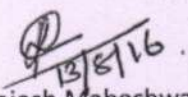
  
Dr. A. K. Seth

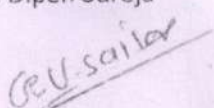
  
Dr. V. A. Patel


  
Dr. R. Balaraman

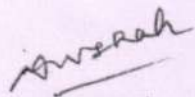
  
Dr. Dipen Sureja

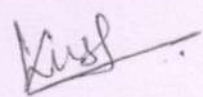
  
Dr. Ashim Kumar Sen

  
Dr. Rajesh Maheshwari

  
Dr. Girish Sailor

  
Dr. Dhanya Sen

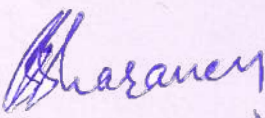
  
Dr. Nirmal Shah

  
Dr. Kushal Gohel

Enclosures:

Annexure -1 - PCI new syllabus and exam pattern of B. Pharm & M. Pharm courses

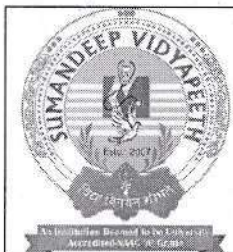
**Attested CTC**

  
15/2/2021

**Vice-Chancellor**

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





## DEPARTMENT OF MANAGEMENT SUMANDEEP VIDYAPEETH

An Institution Deemed to be University  
Accredited-NAAC 'A' Grade with CGPA  
At & Po. Piparia. Ta. Waghodia. Dist. Vadodara Pin: 391760  
Ph. (02668) 245262 Ext.396

Website: [www.sumandeepuniversity.co.in](http://www.sumandeepuniversity.co.in) E-mail: [director.management@sumandeepuniversity.co.in](mailto:director.management@sumandeepuniversity.co.in)

### **RESOLUTIONS OF BOARD OF STUDIES MEETING**

The board of studies meeting is held on 18<sup>th</sup> May, 2018 at Department of Management at 02.30pm. The meeting was chaired by Dr. Subhasish Chatterjee – Principal, Department of Management, and SV with following agenda.

ITEM	AGENDA
1	Review course curriculum of MBA (Healthcare) program from current year.
2	CBCS Elective Subjects offered in 3 <sup>rd</sup> Semester of MBA Full-time Program.
3	CBCS Elective Subjects offered in 5 <sup>th</sup> & 6 <sup>th</sup> Semester of MBA Part-time Program.
4	Any other with permission of chair

**Following members were presents at the meeting:**

1. Dr. A K Seth, Special Invitee
2. Dr. Lavlesh Kumar, Special Invitee
3. Prof Deepak Gaywala, Special Invitee
4. Prof Anirudh Tambe, Special Invitee
5. Prof Manoj Bhambhu, Special Invitee
6. Dr. Neeraj Pandit, Member
7. Dr. Pinkal Shah, Member
8. Mr. Rahul Sharma, Member
9. Dr. Medha Wadhwa, Member Secretary
10. Mrs. Mital Thakkar, Member



Mrs. Mital Thakkar, Member was absent on the date of meeting.

In the opening remarks Dr. Chatterjee welcomed all the respected members and requested for their inputs for mentioned agendas. There was a thorough discussion on above each of the agendas. The following suggestions were proposed in the meeting:

- Mr. Sachin Ghadge suggested to combine the topics related to Hospital Operations in Production and Operations management with Hospital Core Services Management subject
- Dr. Subhasish Chatterjee visited other institutes and suggested to incorporate Time Management and Impromptu Speechers in Communication Skills I in Semester I
- Ms. Karen Milet, External examiner, ITM Universe, suggested to incorporate writing Business Proposal Report in Communication Skills II
- Dr. Lavlesh Kumar proposed to include DNR (Do not Resuscitate) and Anatomy Act in the course Healthcare Ethics and Law in Semester II.
- Dr. Niraj Pandit proposed to include Public Health Law in the course Healthcare Ethics and Law in Semester II.



- Prof. Anirudh Tambe proposed introduction of distribution management in the course of Service Marketing and Sales Management in semester III.
- Dr. Pinkal Shah proposed to shift Health Insurance from Semester III to Semester IV and also suggested to include Comprehensive Case studies of Integrated Financial Functions in Financial Management in Semester II
- Dr. Medha Wadhwa, Internal Faculty, suggested inclusion of Quality Tools and Quality Management of various Clinical, Utility and Administrative services in the subject of Quality Management in Hospital
- Ms. Rajinder Kaur, Prof Manohar Lal, Prof Anirudh Tambe, External Examiner; Mr. Prakash Patel, Hospital Administrator, Zydus Hospital and Mr. Vaibhav Shah, Alumni suggested merging of Electives and including in Semester III as the course is too wide.

Item	Content
1	<p><b>Review course curriculum of MBA (Healthcare) program from current year</b></p> <p>All the members unanimously approved the above mentioned inclusions in the changed course content</p> <p><b>RESOLVED</b> that proposed curriculum consisting regulations and syllabus for following courses was approved Which included the</p> <ul style="list-style-type: none"> <li>❖ Change in content of communication skills – I in semester – I</li> <li>❖ Change in contents and credits of communication skills – II in semester - II</li> <li>❖ Removal of Productions and Operations from semester II and shifting the relevant content of the same subject to subject on Hospital Core Services Management in semester II</li> <li>❖ Change in course content and credit of Hospital core services Management with the name of the course changed to Hospital Services and Operations Management</li> <li>❖ Change in Course content of Financial Management</li> <li>❖ Change in course content of Healthcare ethics and law</li> <li>❖ Change in course content of Quality Management in Hospitals</li> <li>❖ Change in Electives of applied finance, marketing and HRM from fourth semester to third semester</li> <li>❖ Replacing subject with credits of management thesis with Internship Dissertation</li> <li>❖ Total credits and new program structure in regulations keeping in mind change in syllabus</li> </ul> <p>The approved curriculum is attached here with. (Enclosure - 1)</p>
2	<p><b>CBCS Elective Subjects offered in 3<sup>rd</sup> Semester of MBA Full-time Program.</b></p> <p><b>RESOLVED</b> As discussed in item 1 about change in Electives of applied finance, marketing and HRM from fourth semester to third semester so CBCS Elective Subjects are offered in 3<sup>rd</sup> Semester.</p>
3	<p><b>CBCS Elective Subjects offered in 5<sup>th</sup> &amp; 6<sup>th</sup> Semester of MBA Part-time Program.</b></p> <p><b>Resolved</b></p> <ol style="list-style-type: none"> <li>1. The CBCS Elective subjects of Semester V Functional Courses – Finance (Elective Group A) are <b>1. Security Analysis &amp; Portfolio Management</b> 2. <b>Financial Services Management</b> 3. <b>International Financial Management</b> which are of 3 Credit Hours Each</li> <li>2. The CBCS Elective subjects of Semester V Functional Courses – Marketing (Elective Group B) are <b>1. Consumer Behaviour</b> 2. <b>Service Marketing</b> 3. <b>Integrated Marketing Communication</b> which are of 3 Credit Hours Each</li> <li>3. The CBCS Elective subjects of Semester V Functional Courses – Human Resource (Elective Group C) are <b>1. Industrial Relations and Labour Laws</b> 2. <b>Compensation Management</b> 3. <b>Organizational Development and Change Management</b> which are of 3 Credit Hours Each.</li> <li>4. The CBCS Elective subjects of Semester VI Functional Courses – Finance (Elective</li> </ol>



	<p>Group A) are 1. <b>Financial Derivate</b> 2. <b>Strategic Financial Management</b> 3. <b>Corporate Taxation</b> which are of 2 Credit Hours Each</p> <p>5. The CBCS Elective subjects of Semester VI Functional Courses – Marketing (Elective Group B) are 1. <b>Sales &amp; Distribution Management</b> 2. <b>Brand Management</b> 3. <b>International Marketing Management</b> which are of 2 Credit Hours Each</p> <p>6. The CBCS Elective subjects of Semester V Functional Courses – Human Resource (Elective Group C) are 1. <b>Industrial Relations and Labour Laws</b> 2. <b>Compensation Management</b> 3. <b>Organizational Development and Change Management</b> which are of 2 Credit Hours Each.</p> <p>Students have to Opt for Functional Elective (Finance/Marketing/Human Resource) during their 5<sup>th</sup> Semester which will be carried forward to 6<sup>th</sup> Semester.</p> <p>Students have an option to make choice to earn 9 credits from group A, B&amp;C during semester V and 8 credits from group A, B&amp;C and Semester VI.</p>
4	<p><b>Any other</b></p> <p>No discussion taken place on any other agenda.</p>

The meeting ends at around 03.15 pm with vote of thanks by chair.

**Encl:**

Copy of revised Curriculum of MBA (Healthcare) Fulltime & Parttime.

  
**Dr. Subhasish Chatterjee**  
 Chairperson

  
**Dr. A.K. Seth**  
 Special Expert Invitee

  
**Dr. Lavlesh Kumar**  
 Special Expert Invitee

  
**Dr. Neeraj Pandit**  
 Member

  
**Prof. Deepak Gaywala**  
 Special Expert Invitee

  
**Prof. Anirudh Tambe**  
 Special Expert Invitee


  
**Prof. Manoj Bhambhu**  
 Special Expert Invitee

  
**Dr. Pinkal Shah**  
 Member

  
**Mr. Rahul Sharma**  
 Member

  
**Dr. Medha Wadhwa**  
 Member

**Attested CTC**

  
 15/2/2021

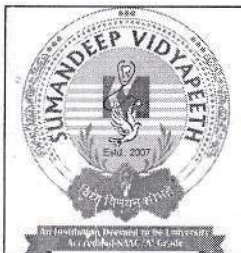
**Vice-Chancellor**

**Sumandeep Vidyapeeth**

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







## DEPARTMENT OF MANAGEMENT SUMANDEEP VIDYAPEETH

An Institution Deemed to be University  
Accredited-NAAC 'A' Grade with CGPA  
At & Po. Piparia, Ta. Waghodia, Dist. Vadodara Pin: 391760  
Ph. (02668) 245262 Ext.396

Website: [www.sumandeepuniversity.co.in](http://www.sumandeepuniversity.co.in) E-mail: [director.management@sumandeepuniversity.co.in](mailto:director.management@sumandeepuniversity.co.in)

18<sup>th</sup> May 2018

### BOARD OF STUDIES

Sr. No	NAME	SIGNATURE
1.	Dr. Subhasish Chatterjee, Chairperson	
2.	Dr. A K Seth, Special Invitee	
3.	Dr. Lavlesh Kumar, Special Invitee	
4.	Prof Deepak Gaywala, Special Invitee	
5.	Prof Anirudh Tambe, Special Invitee	
6.	Prof Manoj Bhambhu, Special Invitee	
7.	Dr. Neeraj Pandit, Member	
8.	Dr. Pinkal Shah, Member	
9.	Mr. Rahul Sharma, Member	
10.	Dr. Medha Wadhwa, Member	
11.	Mrs. Mital Thakkar, Member	



Prof(Dr.) Subhasish Chatterjee  
Principal - HOD  
Dept. of Management  
Sumandeep Vidyapeeth  
(Deemed to be University)

**PART TIME EVENING  
MASTER OF BUSINESS ADMINISTRATION  
(HEALTHCARE)**

# **CURRICULUM**

In integration with  
**Evidence Based Education System**



**DEPARTMENT  
OF  
MANAGEMENT**  
*Constituent of*  
**SUMANDEEP VIDYAPEETH**  
Piparia, Ta. Waghodia, Dist. Vadodara- 391 760



**PART TIME EVENING  
MASTER OF BUSINESS ADMINISTRATION  
(HEALTHCARE)**

**REGULATIONS**



**DEPARTMENT  
OF  
MANAGEMENT**  
*Constituent of*  
**SUMANDEEP VIDYAPEETH**

**Piparia, Ta. Waghodia, Dist. Vadodara- 391 760  
November - 2017**

## 1) DEFINITIONS AND NOMENCLATURE

In this Regulation, unless the context otherwise requires:

- a. “**Programme**” means part time evening MBA programme in Healthcare Management
- b. “**Course**” means a theory subject that is normally studied.
- c. “**University**” means Sumandeep Vidyapeeth, Piparia

## 2) PROGRAMME OFFERED

Master of Business Administration in Healthcare Management, hereafter referred as **Part Time Evening MBA (Healthcare)**

## 3) PROGRAMME CONDUCTION

Part Time Evening MBA (Healthcare) programme is conducted by **Department of Management, constituent of Sumandeep Vidyapeeth** (Deemed to be University), At & Post Piparia, Waghodia, Vadodara – 391760. Gujarat, India.

## 4) OBJECTIVE OF THE PROGRAMME

To develop management professionals who can serve various segments of healthcare industry at Managerial level.

## 5) DURATION OF THE PROGRAMME

- a. The duration Part Time Evening MBA (Healthcare) programme under **Part Time** mode is **Three Years** under semester pattern. Therefore, it consists of **Six Semesters**. Every semester consists of at least 90 working days.

## 6) ELIGIBILITY

- Candidate who have MBBS/ BDS/ BPT/ BAMS/ BHMS or other valid graduation degree
- A valid CAT/ MAT/ XAT/ SNAP score or other recognized entrance exam score are eligible.
- Any candidate who didn't appear for any recognized entrance exam is required to clear the university entrance examination.
- Candidate(s) shall need to have employers' NOC.
- Candidate(s) shall have minimum 3 years of experience.

## 7) STRUCTURE OF THE PROGRAMME

Part Time Evening MBA (Healthcare) programme's curriculum consists of theoretical courses, project works and Management Thesis/Dissertation with well defined syllabi and/or guidelines.

## 8) MEDIUM OF INSTRUCTIONS & PEDAGOGY

The medium of instructions is English. The courses are delivered through a slew of modern teaching techniques such as Case Study, Lecture, Seminars, Fields Visits, Group Projects, Role-Playing, Experiential Learning and Simulated Exercises to give the student an opportunity to learn by doing. The actual mix varies with the nature of course.





## 9) COURSES OF THE PROGRAMME

- i) The course outline for Part Time Evening MBA (Healthcare) program is based on evidence. The outline for courses is as follows:

SEMESTER – I					
Course Code	Course Name	Marks			Credits Hours
		Internal Evaluation	University Exam.	TOTAL	
GM102	Behavioral Sciences & Management Practices	100	100	200	3
FM101	Accounting for Manager	100	100	200	3
GM109	Economics for Manager	100	100	200	3
	Healthcare environment & Information System	100	100	200	4
	Managerial Communications	100	100	200	2
TOTAL CREDIT HOURS					15
SEMESTER – II					
GM122	Quantitative Techniques for Manager	100	100	200	3
MM110	Marketing Management	100	100	200	3
FM106	Financial Management	100	100	200	3
GM120	Production & Operation Management	100	100	200	3
HR101	Human Resource Management	100	100	200	3
TOTAL CREDIT HOURS					15
SEMESTER – III					
Course Code	Course Name	Marks			Credits Hours
		Internal Evaluation	University Exam.	TOTAL	
GM124	Research Methodology in Business	100	100	200	3
	Ethics & Law for Healthcare managers	100	100	200	3
HM119	Hospital Core Services Management	100	100	200	3
GM125	Strategic Management Community	100	100	200	3
HM103	Health, Epidemiology & Population Management	100	100	200	3
TOTAL CREDIT HOURS					15
SEMESTER – IV					
Course Code	Course Name	Marks			Credits Hours
		Internal Evaluation	University Exam.	TOTAL	
HM129	Health Insurance	100	100	200	2
HM124	Medical Tourism	100	100	200	1
HM142	Global Health : Policies and Program	100	100	200	4
HM138	Healthcare Communication & Delivery System	100	100	200	3
HM132	Patients Relations & Nursing Management	100	100	200	3
HM143	Quality Management in Hospitals	100	100	200	2
TOTAL CREDIT HOURS					15



<b>SEMESTER – V</b>					
Course Code	Course Name	Marks			Credits Hours
		Internal Evaluation	University Exam.	TOTAL	
HM134	Hospital safety and Waste Management	100	100	200	2
GM130	Business Proposal Report	150	50	200	3
<b>FUNCTIONAL COURSES – FINANCE (ELECTIVE GROUP A)</b>					
FM117	Security Analysis & Portfolio Management	100	100	200	3
FM107	Financial Services Management	100	100	200	3
FM109	International Financial Management	100	100	200	3
<b>FUNCTIONAL COURSES – MARKETING (ELECTIVE GROUP B)</b>					
MM106	Consumer Behaviour	100	100	200	3
MM118	Service Marketing	100	100	200	3
MM122	Integrated Marketing Communication	100	100	200	3
<b>FUNCTIONAL COURSES –HUMAN RESOURCE (ELECTIVE GROUP C)</b>					
HR102	Industrial Relations and Labour Laws	100	100	200	3
HR103	Compensation Management	100	100	200	3
HR104	Organizational Development and Change Management	100	100	200	3
<b>TOTAL CREDIT HOURS</b>					<b>14</b>
<b>SEMESTER – VI</b>					
Course Code	Course Name	Marks			Credits Hours
		Internal Evaluation	University Exam.	TOTAL	
HM135	Hospital Architecture, Planning & Maintenance	100	100	200	3
GM114	Management Thesis	300	100	400	6
<b>FUNCTIONAL COURSES – FINANCE (ELECTIVE GROUP A)</b>					
FM105	Financial Derivate	100	100	200	2
FM119	Strategic Financial Management	100	100	200	2
FM121	Corporate Taxation	100	100	200	2
<b>FUNCTIONAL COURSES – MARKETING (ELECTIVE GROUP B)</b>					
MM117	Sales & Distribution Management	100	100	200	2
MM105	Brand Management	100	100	200	2
MM109	International Marketing Management	100	100	200	2
<b>FUNCTIONAL COURSES –HUMAN RESOURCE (ELECTIVE GROUP C)</b>					
HR105	Human Resources Development	100	100	200	2
HR106	Strategic Human Resource Management	100	100	200	2
HR107	Managing Organizational training and development	100	100	200	2
<b>TOTAL CREDIT HOURS</b>					<b>15</b>

❖ Total Credits of Programme: 89 (1 Credit is equal to 15 contact hours of teaching and 30 contact hours of practical training and field projects including examination and evaluation.)

\* Viva Voce by external examiners

*Students have an option to make choice to earn 9 credits from group A, B&C and 8 credits from group A, B&C during semester V and Semester VI respectively.*

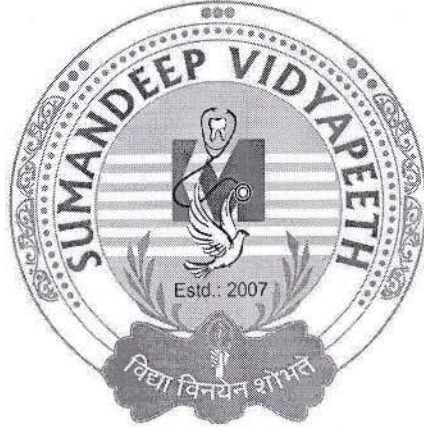
Note: CBCS allow students in semester V. However the same shall continue in semester VI.





# MBA Healthcare Fulltime

---



## **SUMANDEEP VIDYAPEETH**

**Declared as Deemed to be University under Section 3 of UGC Act, 1956**  
**Accredited by NAAC with a CGPA of 3.53 on a Four Point scale at 'A' Grade**  
**Category – I Deemed to be University Under UGC Regulation 2018**  
**At Post -Pipariya, Taluka - Waghodiya, District - Vadodara, Gujarat State, India.**  
**Pin code - 391760.**

## **CURRICULUM**

**For**

**MBA(Healthcare) Full Time**

**In integration with**

**Evidence Based Education System**



# MBA Healthcare Fulltime

## REGULATIONS

### 1. DEFINITIONS AND NOMENCLATURE

In this Regulation, unless the context otherwise requires:

- a. **"Programme"** means MBA programme in Healthcare Management
- b. **"Course"** means a theory subject that is normally studied.
- c. **"Institution"** means SumandeepVidyapeeth Deemed to be University, including off campus and off shore units.

### 2. PROGRAMME OFFERED

1. Master of Business Administration in Healthcare Management [**MBA (Healthcare)**]- Full Time

### 3. PROGRAMME CONDUCTION

Above programme is conducted by **Department of Management, constituent of SumandeepVidyapeeth** (An Institution Deemed to be University), At & Post Piparia, Waghodia, Vadodara – 391760. Gujarat, India.

### 4. ELIGIBILITY

1. Master of Business Administration in Healthcare Management [**MBA (Healthcare)**]- Full Time:
  - Candidate who have MBBS/ BDS/ BPT/ BAMS/ BHMS or other valid graduation degree having a valid CAT/ MAT/ XAT/ SNAP score or other recognized entrance exam score are eligible. Any candidate who didn't appear for any recognized entrance exam is required to clear the university entrance examination.

### 5. PROGRAM OUTCOMES

After completion of the following Programmes, the students will be able to:  
**MBA (Healthcare)**

- Develop management professionals who can serve various segments of healthcare industry at Managerial level.
- The program fulfils the objective that make sure for students to have an in-depth understanding of the drivers behind health reforms and be able to implement strategies for effective management within a broader climate of systemic change.
- The program of full time and part time MBA(Healthcare) aims to ensure instilling General Management Skills, Specialized Management Skills, Healthcare Management Skills, research aptitude and entrepreneurial skills among the students.

### 6. STRUCTURE OF THE PROGRAMME

- MBA (Healthcare) programme's curriculum consists of theoretical courses, project works, Hospital Interactions, Internship and Internship Dissertation with well defined syllabi and/or guidelines.

### 7. MEDIUM OF INSTRUCTIONS & PEDAGOGY

The medium of instructions is English. The courses are delivered through a slew of modern teaching techniques such as Case Study, Lecture, Seminars, Fields Visits,





## MBA Healthcare Fulltime

Group Projects, Role-Playing, Experiential Learning and Simulated Exercises to give the student an opportunity to learn by doing. The actual mix varies with the nature of course.

### 8. COURSES OF THE PROGRAMME

- i) The course outline for **MBA (Healthcare) program in full time** is based on evidence-based education system. The outline for courses is as follows:

SEMESTER – I					
Course Code	Course Name	Marks			Credits Hours
		Internal Evaluation	University Exam.	TOTAL	
GM102	Management Practices & Behavioral Sciences	100	100	200	3
FM101	Accounting for Manager	100	100	200	3
HM145	Economics for Healthcare Manager	100	100	200	3
GM122	Quantitative Techniques for Manager	100	100	200	3
HM111	Healthcare & Hospital Information System	100	100	200	3
GM129	Business Law & Ethics	100	100	200	3
HM133	Healthcare Environment	100	100	200	3
GM106	Communication Skills – I	100	100	200	2
HM139	Hospital Interaction – I	150	50	200	3
IV101	Industrial Visit	200	0	200	2

SEMESTER – II					
Course Code	Course Name	Marks			Credits Hours
		Internal Evaluation	University Exam.	TOTAL	
GM124	Research Methodology in Business	100	100	200	3
MM110	Marketing Management	100	100	200	3
FM106	Financial Management	100	100	200	3
HM136	Healthcare Ethics & Law	100	100	200	3
GM107	Communication Skills – II	100	100	200	2
HR101	Human Resource Management	100	100	200	3
HM144	Hospital Services and	100	100	200	4



## MBA Healthcare Fulltime

	Operations Management				
HM140	Hospital Interaction – II	150	50	200	3
GM127	Summer Internship Project	100	100	200	10
IV102	Industrial Visit	200	0	200	2
CB101	Competency Building Program	200	0	200	2

SEMESTER – III					
Course Code	Course Name	Marks			Credits Hours
		Internal Evaluation	University Exam.	TOTAL	
GM125	Strategic Management	100	100	200	3
HM134	Hospital safety and Waste Management	100	100	200	2
HM103	Community Health, Epidemiology & Population Management	100	100	200	3
HM142	Global Health : Policies and Program	100	100	200	4
HM143	Quality Management in Hospitals	100	100	200	2
HM141	Healthcare Projects	200	0	200	3
IV103	Industrial Visit	200	0	200	2
FUNCTIONAL COURSES – FINANCE (ELECTIVE GROUP A)					
FM122	Investment and Risk Management	100	100	200	3
FM107	Financial Services Management	100	100	200	3
FM123	Strategic Finance and Taxation Management	100	100	200	3
FUNCTIONAL COURSES – MARKETING (ELECTIVE GROUP B)					
MM123	International Marketing & Consumer Behaviour	100	100	200	3
MM124	Service Marketing & Sales Management	100	100	200	3
MM125	Advertising & Brand Management	100	100	200	3
FUNCTIONAL COURSES – HUMAN RESOURCE (ELECTIVE GROUP C)					
HR108	Compensation Management and Labour Laws	100	100	200	3
HR109	Human Resource Development &	100	100	200	3





## MBA Healthcare Fulltime

	Organizational Training				
HR110	Strategic Human Resources & Change Management	100	100	200	3

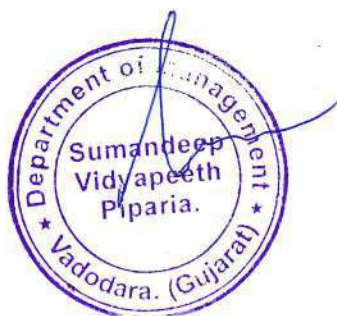
SEMESTER – IV					
Course Code	Course Name	Marks			Credits Hours
		Internal Evaluation	University Exam.	TOTAL	
HM124	Medical Tourism	100	100	200	1
HM129	Health Insurance	100	100	200	2
HM135	Hospital Architecture, Planning & Maintenance	100	100	200	3
HM138	Healthcare Communication & Delivery System	100	100	200	3
HM132	Patients Relations & Nursing Management	100	100	200	3
GM130	Business Proposal Report	150	50	200	3
GM131	Internship Dissertation	100	100	200	12
CB102	Competency Building Program	200	0	200	2

❖ **Total Credits of Program: 123 (1 Credit is equal to 15 contact hours of teaching and 30 contact hours of practical training and field projects including examination and evaluation.**

**(Board of Studies letter no. MBA/OW/21052018/334 dated 18th May 2018 and Vide Notification of Board of Management Resolution Ref. No SV/R/2017-18/12638 dated 7th July 2018)**

\* Viva Voce by external examiners

**Students have an option to make choice to earn 9 credits from group A, B & C during semester III.**





S.B.K.S.M.I.&R.C./DEAN

Outward No. 863

Date 9/5/19

Sign Jeteu

Date: 03.05.2019

## Board of Studies Resolution

The Board of Studies meeting was held on 02.05.2019 at 3:00 p.m. in College Council Room under the chairmanship of Dean, Dr. G. V. Shah.

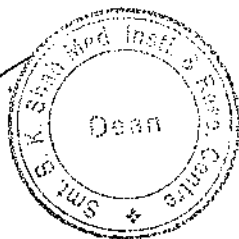
The following resolutions were unanimously passed in the meeting. These resolutions are being conveyed to academic council for the forth coming meeting.

Item No.	Particulars
1	<p><b>Agenda</b> - Implementation of new curriculum from August 2019 with foundation course.</p> <p><b>Resolution</b> MCI displayed new competency based undergraduate curriculum Volume – I, II, III and AETCOM Booklet on its website. This curriculum will be implemented from August 2019 onwards. For implementation of this new curriculum, curriculum implementation support program (CISP) was organized at Nodal Centre, PSMC Karamsad. In this workshop all the curriculum committee members of SBKSMI&amp;RC were trained. After sensitization of preclinical department faculties, they were instructed to frame one year timetable with foundation course as directed by Nodal Centre. One year timetable with foundation course is uploaded on college website as instructed by MCI. CISP Workshop for faculties of SBKSMI&amp;RC is scheduled from 8<sup>th</sup> to 10<sup>th</sup> May 2019. BLS Training is a part of foundation course in 1<sup>st</sup> M.B.B.S. It was resolved that fees of certificate course in BLS Rs. 3000/- will be collected at the time of admission process.</p>
2	<p><b>Agenda</b> - Approval of Academic Calendar for UG / PG / Super specialty.</p> <p><b>Resolution</b> Academic Calendar for UG, PG and Super specialty for the year 2019-20 is prepared and passed unanimously.</p>
3	<p><b>Agenda</b> - Preliminary Examination for UG June – July 2019.</p> <p><b>Resolution</b> It was unanimously passed that Preliminary Examination for UG will be held in June – July 2019.</p>



4	<b>Agenda</b> - University Examinations for UG – July – August 2019.
	<b>Resolution</b> It was unanimously passed that University Examinations for UG will be held in July – August 2019.
5	<b>Agenda</b> - Super specialty examinations – - Preliminary – August-September - 2019 - University – September-October - 2019
	<b>Resolution</b> It was unanimously passed that superspeciality preliminary examination will be held in August – September 2019. And University Examination will be held in September-October 2019.
6	<b>Agenda</b> – PG welcome and orientation program.
	<b>Resolution</b> PG welcome program is scheduled on 7 <sup>th</sup> May 2019 from 10:00 a.m. to 12:00 noon at Auditorium, SBKSMI&RC. PG Orientation Program will be planned in last week of May or first week of June 2019.
7	<b>Agenda</b> - certificate course in management of Post Partum Hemorrhage (PPH).
	<b>Resolution</b> Dr. Bakul Leuva, Prof. & Head, Obs. & Gynec. Put forward the proposal of starting certificate course in management of Post Partum Hemorrhage (PPH). This course comprised of 6 modules and the duration will be 3 days. The certificate course was approved unanimously and is forwarded to Academic Council for approval.

*Polish*  
Dean



**Attested CTC**

*Charan*  
15/2/2021

**Vice-Chancellor**

**Sumandeep Vidyapeeth**

**An Institution Deemed to be University**

**Vill. Piparia, Taluka: Waghodia.**

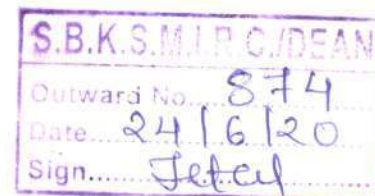
**Dist. Vadodara-391 760. (Gujarat)**





# Smt. B. K. Shah Medical Institute & Research Centre

CONSTITUENT INSTITUTE OF SUMANDEEP VIDYAPEETH  
AN INSTITUTION DEEMED TO BE UNIVERSITY



Date: 18.06.2020

## Board of Studies Resolution

The Board of Studies meeting was held on 18.06.2020 at 3:00 p.m. in College Council Room under the chairmanship of Dean, Dr. G. V. Shah.

The following resolutions were unanimously passed in the meeting. These resolutions are being conveyed to academic council for the forth coming meeting.

Item No.	Particulars
1	<b>Agenda</b> - . Online teaching to Undergraduate MBBS students through zoom platform. <b>Resolution</b> As per the UGC Advisory dated 21 <sup>st</sup> March 2020 and instructions from University, SBKSMI&RC have established online teaching facilities by using paid version of ZOOM platform. The timetable for online teaching of UG MBBS students have been prepared and circulated to all HODs. The online teaching sessions are being conducted as per the timetable and the same is being reported to deputy registrar, academics.
2	<b>Agenda</b> - Online internal evaluation examination assessment and preliminary examination for 2 <sup>nd</sup> MBBS, 3 <sup>rd</sup> MBBS Part-I & 3 <sup>rd</sup> MBBS Part-II. <b>Resolution</b> It has been resolved that online internal evaluation examination assessment and preliminary examination for 2 <sup>nd</sup> MBBS, 3 <sup>rd</sup> MBBS Part-I & 3 <sup>rd</sup> MBBS Part-II will be held in June – July 2020.
3	<b>Agenda</b> Value addition in superspeciality courses. <b>Resolution</b> Value addition in curriculum/syllabus has been suggested by Head of the Department of following Superspeciality courses: 1. Cardiology




	<p>2. Neurology 3. CTVS 4. Neurosurgery 5. Plastic surgery It has been resolved and unanimously passed. (Annexure 1)</p>
4	<p><b>Agenda</b> To prepare 2<sup>nd</sup> MBBS timetable as per new curriculum given by MCI.</p>
	<p><b>Resolution</b> Dr. Maulin Mehta, Officiating Head, Pharmacology is appointed as Nodal person for the preparation of 2<sup>nd</sup> MBBS timetable as per new curriculum given by MCI. The online training of faculties of nodal centers and regional centers for curriculum implementation support program – II (CISP-II) has been initiated by MCI amid COVID-19. Two faculties of SBKSMI&amp;RC have been nominated for this training which further will be given to the other faculties of SBKSMI&amp;RC. This training of CISP-II will help in preparation of 2<sup>nd</sup> MBBS timetable.</p>
5	<p><b>Agenda</b> – Revision – M.Sc. Human Genetics and M.Sc. Clinical Embryology</p>
	<p><b>Resolution</b> The revised curriculum of M.Sc. Human Genetics and M.Sc. Clinical Embryology has been approved by Board of Studies and submitted to Academic Council for approval. (Annexure –2)</p>
6	<p><b>Agenda</b> - To establish molecular lab.</p>
	<p><b>Resolution</b> As per the revised MSR for medical colleges and COVID 19 Pandemic, it was decided to establish molecular lab. in SBKSMI&amp;RC. It is now functional.</p>
7	<p><b>Agenda</b> – Departmental Evaluation Reports</p>
	<p><b>Resolution</b> A compiled institutional evaluation report as per University IQAC team has been presented by Dr. Mahavir. It has been resolved that evaluation report shall be prepared and updated time to time by each department of SBKSMI&amp;RC.</p>
8	<p><b>Agenda</b> – Choice Based Credit System (CBCS) in PG Diploma in clinical nutrition under Department of Para Medical Sciences</p>
	<p><b>Resolution</b> Choice Based Credit System (CBCS) in PG Diploma in clinical</p>

nutrition under Department of Para Medical Sciences has been proposed and presented with justification (Annexure 3). The same has been unanimously resolved and passed.

  
Dean



**Attested CTC**

  
15/2/2021

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





**ANNEXURE 1**  
**VALUE ADDITION IN SUPERSPECIALITY COURSES**

**Cardiology**

Under Section II. Course Content

**2. Practical Skills**

**2.1 Invasive Cardiology**

- f. To assist in interventions for Cardiac Resynchronization Therapy (CRT), Cardiac Resynchronization Therapy – Pacemaker (CRT-P) and Cardiac Resynchronization Therapy – Defibrillator (CRT-D) device implantations for patients with advanced heart failure. To assist in implantation of Left Ventricular Support devices in heart failure patients like Intra Aortic Balloon Pump (IABP) , Extra Corporeal Membrane Oxygenation (ECMO), Left Ventricular Assist Device (LVAD), etc.
- g. To assist in usage of devices used in Complex Percutaneous Coronary Interventions (PCI) like Intracoronary imaging with Intravascular Ultrasound (IVUS) and Optical Coherence Tomography (OCT) and Usage of plaque modification devices like Rotablation, Intra Vascular Lithotripsy (IVL) balloon

**2.2 Non-invasive Cardiology**

- d. Echocardiography –TEE assisted usage in pediatric invasive cardiology procedures and interventions for structural heart diseases, Usage of stress and strain imaging to detected ischemic heart disease, and echo directed hemodynamic studies.
- e. Cardiac and peripheral CT imaging and interpretation to detect anomalous coronary artery diseases as well as diseases of aorta, pulmonary arteries, Major Aorto Pulmonary Collateral Arteries (MAPCAS) , peripheral arterial diseases.
- f. Exposure to lipidology and genetic clinics to detect and manage premature atherosclerotic disease in young patients and those with inherited cardiac diseases

**Neurology**

The field of neurology is evolving very fast and there have been significant advances in various neurology subspecialties over the last two years. To keep the students abreast of changing trends in the field of Neurology, we propose following additions in DM Neurology curriculum. We have already incorporated these changes in the clinical practice. Following sections has been added or modified in the present curriculum:

- **Section 2.2.3. SEIZURES, EPILEPSY AND SYNCOPES**
- New seizure and epilepsy classification
- Concept of drug resistant epilepsy
- Medical and surgical management of drug resistant epilepsy
- Concept of presurgical evaluation in epilepsy
- Indication and evaluation of Video-EEG monitoring
- Concept, utility, and limitations of interictal and ictal EEG
- Utility and limitations of various noninvasive presurgical source localization methods: PET, SPECT, MEG, EEG-fMRI
- Concepts of functional localization including methods of Wada test, functional MRI, and cortical stimulation and mapping


- Utility, limitations, and outcome of stereo-EEG
- Basic concepts of various epilepsy surgery procedures
- Outcomes of epilepsy surgery
- Recent advances in genetics of epilepsy
- **Section 2.2.4. HEADACHES AND OTHER CRANIAL NEURALGIAS**
- Classification of headache disorders
- Autonomic cephalgias including cluster headache, paroxysmal hemicranias, hemicrania continua, SUNCT, SUNA
- Rare headache disorders such as hypnic headache
- Newer therapies in migraine
- Intervention procedures for various headaches such as botulinum toxin and occipital nerve blockade
- **Section: 2.2.5. CEREBROVASCULAR DISEASES**
- Indications and contraindications for thrombolytic therapy including intra-arterial therapy
- Concept of diffusion and perfusion mismatch and diffusion FLAIR mismatch
- Current concepts in Interventional therapy of acute stroke including mechanical thrombectomy and decompressive craniotomy
- Carotid endarterectomy and carotid stenting for symptomatic and asymptomatic carotid stenosis
- **2.2.7. PARKINSONISM AND MOVEMENT DISORDERS**
  - Recent advances in the genetics of Parkinson's disease
  - Recent advances in deep brain stimulation and transplant therapy for Parkinson's disease
- **2.2.11. NEUROIMMUNOLOGIC DISEASES**
  - Use of immune-modulatory agents in the management of various immunological disorders including mycophenolate, Rituximab and Natalizumab
  - Advances in the therapy of multiple sclerosis including teriflunomide, dimethyl fumarate, fingolimod, alemtuzumab, rituximab and ocrelizumab
  - Concepts of newer biomarkers for multiple sclerosis
  - Newer advances in autoimmune encephalitis including pathogenesis, various autoantibodies, and management

Newer autoimmune neurological disorders including neuromyelitisoptica spectrum disorders and MOG associated disorders.

#### **Cardio Thoracic & Vascular Surgery (CTVS)**

In Syllabus, Under Chapter 1.1.3 Ischaemic Heart Disease, following new topics has been added,

- a. Linear staplers in lung surgeries for lobectomy and segmentectomy.
- b. Radial artery grafts as second choice after LIMA graft.
- c. Valve sparing surgeries for valvular diseases.





### Neurosurgery

The field of neurosurgery is evolving very fast and there have been significant advances in various neurology subspecialties over the last three years. To keep the students abreast of changing trends in the field of Neurology, we propose following additions in Mch Neurosurgery curriculum.

Under Syllabus, In 3.1 Theory,

28. **Epilepsy surgery:** *Epilepsy surgery, Concept of presurgical evaluation in epilepsy, Various substrates associated with drug resistant epilepsy, Basic concepts of various epilepsy surgery procedures including temporal lobectomy, lesionectomy, corpus callosotomy, and Hemispherotomy, Cortical stimulation and functional mapping during epilepsy surgery, Intraoperative electrocorticography during epilepsy surgery, Minimal invasive surgical procures such as endoscopic corpus callosotomy, and Hemispherectomy, Concepts of stereo-EEG, Indications and outcomes of Radio-frequency ablations and laser ablation, Outcomes of epilepsy surgery*
29. **Cerebrovascular diseases and neuro-interventions :** Cerebrovascular and neuro-interventions Concepts of cerebral angiography, Concept of diffusion and perfusion mismatch and diffusion FLAIR mismatch
30. **Parkinsonism and movement disorders:** Recent advances in deep brain stimulation and transplant therapy for Parkinson's disease.

### Plastic surgery

Under Syllabus, In Theory Section 1.8 Upper Extremity, following new topic is added,

- s. Contra lateral C7 nerve root transfer for Brachial Plexus injury and spastic upper arm paralysis

Under Syllabus, In 2. Practicals, the following new exercise is added,

- e. Technique for Contra lateral C7 nerve root transfer in Brachial Plexus injury



**Attested CTC**

*Charan*  
15/2/2021

**Vice-Chancellor**

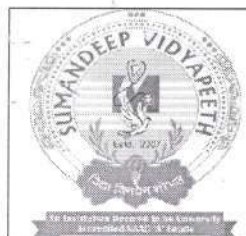
**Sumandeep Vidyapeeth**

**An Institution Deemed to be University**

**VIII. Piparia, Taluka: Waghodia.**

**Dist. Vadodara-391 760. (Gujarat)**





**DEPARTMENT OF PARA MEDICAL SCIENCES**  
**SMT. B. K. SHAH MEDICAL INSTITUTE AND RESEARCH CENTRE**  
**SUMANDEEP VIDYAPEETH**  
 An Institution Deemed to be University  
 Accredited-NAAC 'A' Grade with CGPA  
 At & Po. Piparia, Ta. Waghodia, Dist. Vadodara Pin: 391760  
 Ph. (02668) 245262 Ext.396  
 Website: [www.sumandeepuniversity.co.in](http://www.sumandeepuniversity.co.in) E-mail: [director.management@sumandeepuniversity.co.in](mailto:director.management@sumandeepuniversity.co.in)

### Annexure 2

## Proposed Scheme of Choice Based Credit System in PG Diploma in Clinical Nutrition

**Programme code: PAPD**

**Course code: PAPD002**

### Syllabus

Subject code	Subjects	Credits/week				Teaching Hours		
		Lecture (L)	Tutorial (T)/ Clinical training (CT)	Practical (P)/ Research work (RW)	Credits (C)	Lecture /tutorial	Practical	Total Hours
	<b>Core Subjects</b>							
PAPD002.1	Advanced Nutrition	4	-	-	4	60	-	60
PAPD002.2	Medical Nutrition Therapy	3	-	1	4	50	60	110
PAPD002.3	Nutritional Biochemistry	2	-	1	3	30	30	60
PAPD002.4	Human Physiology	2	-	-	2	30	-	30
PAPD002.5	Public Health Nutrition	2	-	2	4	40	60	100
	<b>Elective subjects (To be chosen by student)</b>							
PAPD002.6	Food Service Management	-	-	2	2	-	40	40
PAPD002.6	Health Promotion	-	-	-	-	-	-	-
		13	-	06	19	210	190	400
<b>Total credits of program= 210</b>								
<b>Total teaching hours of program=400</b>								

- Credits will be assigned on the basis of the lectures (L) / tutorials (T) / Clinical Training (CT) / laboratory work (P) / Research Project (RP)

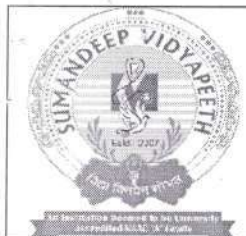
**L - One credit for one hour lecture per week**

**P/T - One credit for every two hours of laboratory or practical**

**CT - One credit for every two hours of Clinical training/Clinical rotation/posting**

**RW - One credit for every two hours of Research Work per week**





**DEPARTMENT OF PARA MEDICAL SCIENCES**  
**SMT. B. K. SHAH MEDICAL INSTITUTE AND RESEARCH CENTRE**  
**SUMANDEEP VIDYAPEETH**

An Institution Deemed to be University  
Accredited-NAAC 'A' Grade with CGPA  
At & Po. Piparia, Ta. Waghodia, Dist. Vadodara Pin: 391760  
Ph. (02668) 245262 Ext.396

Website: [www.sumandeepuniversity.co.in](http://www.sumandeepuniversity.co.in) E-mail: [director.management@sumandeepuniversity.co.in](mailto:director.management@sumandeepuniversity.co.in)

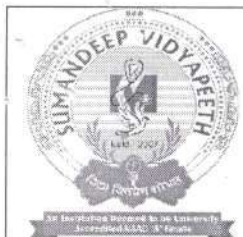
The department of Clinical Nutrition and Dietetics has started **PG Diploma in Clinical Nutrition** (1 year course). This course is started as the course under the category of choice based credit system (CBCS). The elements of this course are core subjects and electives. There are total 5 core subject:-

- 1) Advanced Nutrition
- 2) Medical Nutrition Therapy
- 3) Human Physiology
- 4) Public Health Nutrition
- 5) Nutritional Biochemistry

Every student who has taken admission has to attend the above five core subjects and be assessed and there is no option regarding the core subjects. Students have to attend regular classes and appear in the examination and get minimum passing points in all these core subjects as per the rules laid down by Sumandeep Vidyapeeth.

Nutrition compasses every field of science, especially the importance of nutrition is very important in field of human health. Balanced nutrition is imperative to keep away various diseases. Clinical Nutrition and Dietetics department being part of Health sciences university wherein the university has provision of health science courses such as MBBS, MD, DM and MCH in the Medical institute and undergraduate and post graduate courses in the institute of dental sciences. Apart from these courses, there are also courses such as nursing, physiotherapy and pharmacy in this university.

In comparison to Nutrition Science Departments in other Universities, this course provides a unique opportunity to the prospective students of this course to have an exposure to the learning of nutritional aspects in the perspective of human health. The students will get an opportunity to learn both theory and applied aspects in the view of patient care in hospital and community set up. The department has been actively involved in the counselling sessions regarding various nutritional aspects specific to health and disease.



**DEPARTMENT OF PARA MEDICAL SCIENCES**  
**SMT. B. K. SHAH MEDICAL INSTITUTE AND RESEARCH CENTRE**  
**SUMANDEEP VIDYAPEETH**

An Institution Deemed to be University  
Accredited-NAAC 'A' Grade with CGPA  
At & Po. Piparia, Ta. Waghodia, Dist. Vadodara Pin: 391760  
Ph. (02668) 245262 Ext.396

Website: [www.sumandeepuniversity.co.in](http://www.sumandeepuniversity.co.in) E-mail: [director\\_management@sumandeepuniversity.co.in](mailto:director_management@sumandeepuniversity.co.in)

In recent times there has been a three sixty degree shift in the life styles of people. Shifting from joint family to nuclear family and a lot of focus on being employed by all the adult members forcing them to depend upon outside food suppliers on almost day to day basis. Once a rare aspect of going out or getting food from outside, nowadays it has become to get the food from outside.

As lot of focus will be given in the future on the aspects of food service management, it is not desirable to leave this field to those who do not have exposure to the intricacies of food service management in hospitals and other institutions. The other important aspects we cannot neglect are the aspects of health promotion. Earlier, health promotional aspects were in back stage only focusing on treatment aspects. But now a day a lot of focus is given to the area of health promotion. Medical personnel is involved in the treatment of aspects of population but to improve the health promotion aspects, in addition to specialists such as community medicine personnel, there is a need of getting support from paramedical personnel. Among the paramedical personnel, nutritional specialists and dietetics personnel roles cannot be discounted. Sadly, we do not have sufficient pool such personnel to play supportive role in the health promotional aspects.

By incorporating various curricular aspects in the existing courses as electives and consider them as choice based credit system we can prepare the pool of personnel having exposure to such specialized fields

Keeping these above two points in mind we are proposing two elective subjects in PG Diploma in Clinical Nutrition

- 1) Food Service Management
- 2) Health Promotion

Along with the core subjects, introduction of these electives under choice based credit system, would provide ample opportunity to the prospective students who will be qualified in the coming years. These courses will not only provide the opportunities for self-employment but also employment avenues in various fields.

**Attested CTC**

*Charan*  
15/2/2021

**Vice-Chancellor**

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

