



## **SUMANDEEP VIDYAPEETH**

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

**At & Post: Piparia, Waghodia road, Taluka: Waghodia, Dist.: Vadodara,  
Gujarat state. Pin code-391760.**

Phone nos.: (02668) 245262 / 64 / 66.

Email: [info@sumandeepuniversity.co.in](mailto:info@sumandeepuniversity.co.in) Website: [www.sumandeepuniversity.co.in](http://www.sumandeepuniversity.co.in)

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# **Annual Quality Assurance Report (AQAR)**

***Academic Year: August 2015 - July 2016***



## राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

### NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

*An Autonomous Institution of the University Grants Commission*

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

## Annual Quality Assurance Report (AQAR)

*Academic Year: August 2015 - July 2016*

### PART – A

#### 1. Details of the Institution

1.1 Name of the Institution

SUMANDEEP VIDYAPEETH

1.2 Address Line 1

At & Post: Piparia, Waghodia Road

Address Line 2

Taluka: Waghodia, Dist: Vadodara

City/Town

Vadodara

State

Gujarat

Pin Code

391760



Institution e-mail address

[info@sumandeepuniversity.co.in](mailto:info@sumandeepuniversity.co.in)

Contact Nos.

(02668) 245262 / 64 / 66

Name of the Head of the Institution:

Dr. (Col) V. P. Singh

Tel. No. with STD Code:

(02668) 245262 / 64 / 66.

Mobile:

+91 7600123472

Name of the IQAC Director /  
Co-ordinator:

Dr. Chandramani B. More

Mobile:

+91 9974900278

IQAC e-mail address:

[director.iqac@sumandeepuniversity.co.in](mailto:director.iqac@sumandeepuniversity.co.in)

1.3 NAAC Track ID(For ex. MHCOGN 18879)

GJUNGN11498

1.4 NAAC Executive Committee No. &amp; Date:

(For Example EC/32/A&A/143 dated 3-5-2004.  
This EC no. is available in the right corner- bottom  
of your institution's Accreditation Certificate)

EC/71/A&amp;A/2.1

1.5 Website address:

[www.sumandeepuniversity.co.in](http://www.sumandeepuniversity.co.in)

Web-link of the AQAR:

[http://www.sumandeepuniversity.co.in/IQAC/2016/SVDU\\_AQAR\\_2015-16.pdf](http://www.sumandeepuniversity.co.in/IQAC/2016/SVDU_AQAR_2015-16.pdf)



### 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.53	2015	5 Years

### 1.7 Date of Establishment of IQAC:

### 1.8 AQAR for the year (for example 2010-11)

### 1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

**Not Applicable**

### 1.10 Institutional Status

University  State Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

Financial Status Grant-in-aid  UGC 2(f)  UGC 12B

Grant-in-aid + Self Financing  Totally Self-financing



### 1.11 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

### 1.12 Name of the Affiliating University (for the Colleges)

-N.A.-

### 1.13 Special status conferred by Central/ State Government--

#### UGC/CSIR/DST/DBT/ICMR etc

Sumandeep Vidyapeeth is certified by Scientific and Industrial Research Organization (SIRO), Department of Scientific and Industrial Research (DSIR), Ministry of Science & Technology, Govt. of India vide F/No. 11/678/2015 –TU-V

Autonomy by State/Central Govt. / University

-N.A.-

University with Potential for Excellence

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UGC-CPE

-N.A.-

DST Star Scheme

-N.A.-

UGC-CE

-N.A.-

UGC-Special Assistance Programme

-N.A.-

DST-FIST

-N.A.-

UGC-Innovative PG programmes

-N.A.-

Any other (Specify)

UGC-COP Programmes

-N.A.-



## 2. IQAC Composition and Activities

2.1 No. of Teachers	07
2.2 No. of Administrative/Technical staff	01
2.3 No. of students	01
2.4 No. of Management representatives	01
2.5 No. of Alumni	01
2.6 No. of any other stakeholder and Community representatives	01
2.7 No. of Employers/ Industrialists	01
2.8 No. of other External Experts	02
2.9 Total No. of members	15

2.10 No. of IQAC meetings held 06

2.11 No. of meetings with various stakeholders: No. 05

Faculty 02 Non-Teaching Staff 01 Students 01 Alumni 01

2.12 Has IQAC received any funding from UGC during the year? Yes  No

If yes, mention the amount

### 2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. 06

International -- National 01 State -- Institution Level 05



- (ii) Themes
- Basic workshop on **‘Medical Education Technology (MET) for Medical and Health Sciences’**
  - National Conference on Quality Enhancement Practices in Health Education with theme, **‘Curriculum Design & Development’**
  - Workshop on **‘OSCE/ OSPE’**
  - Workshop for **‘Training on ICH-GCP, Indian GCP, ICMR Schedule Y and its amendments’**
  - Seminar on **‘Awareness about Patent and Legal aspect of Intellectual Property Rights’**
  - Seminar on **‘Quality Enhancement & Reporting’**

#### 2.14 Significant Activities and contributions made by IQAC

- The Internal Quality Assurance Cell (IQAC) is actively involved in ensuring formulation and timely implementation of standard operating procedures, protocols and benchmarks leading not only to quality awareness but also realization of the established Quality goals.
- The Cell promotes quality enhancement for institutional functioning through quality culture and institutionalization of best practices.
- It monitors the execution of quality activities especially in Academic, Research and Administrative areas, of all the constituent institutes of Sumandeep Vidyapeeth Deemed to be University.
- It contributes in designing policies and standard operating procedures for efficient and progressive performance in Academic, Administrative and Financial tasks for all the constituent institutes and service sections of Sumandeep Vidyapeeth Deemed to be University.
- It ensures Faculty Development Programs for the teaching faculties in all the constituent institutes of Sumandeep Vidyapeeth Deemed to be University.
- Along with the constituent Institutes, the IQAC is involved in organizing programs relating to gender sensitization, awareness about government policies, self & general safety, disaster management and occupation related issues.



- It optimizes and integrates modern methods of Teaching and Learning in all the constituent institutes.
- The IQAC collects reports of various activities on quarterly basis from all constituent institutes and service sections. The collected data is analyzed and the deficient areas are identified for further improvement.
- It periodically conducts internal audits of all constituent institutes and Service Sections and provides recommendations for Quality enhancement.
- It analyses the report of feedback from all the stakeholders on Quality related institutional processes and formulates the strategy so as to enhance stakeholder's satisfaction. It provides suggestions to the Academic Council and Board of Management, in formulation of Policies and Regulations of the University.
- Internal Quality Assurance Cell has the responsibility of preparing Annual Quality Assurance Report (AQAR) of Sumandeep Vidyapeeth Deemed to be University for the Academic year August 2015 to July 2016 and all consequent years as per the guidelines laid down by National Assessment and Accreditation Council (NAAC).

### 2.15 Plan of Action by IQAC/Outcome

The IQAC of Sumandeep Vidyapeeth University designed the plan at the beginning of the Academic year towards the Quality enhancement as under:-

Plan of Action	Achievements
To create awareness regarding quality enhancement practices among all the teaching faculty of University.	The IQAC organized six events during the academic year 2015-16 to create awareness regarding quality enhancement practices
To monitor the execution of quality activities especially in Academic, Research and Administrative areas, in all the constituent institutes.	<ul style="list-style-type: none"> <li>▪ Internal Audits of all constituent institutes and sections were conducted biannually by working committee of IQAC, in order to monitor the executions of operations.</li> <li>▪ First cycle of Audit was conducted from</li> </ul>





	<p>22<sup>nd</sup> January to 29<sup>th</sup> January 2016.</p> <ul style="list-style-type: none"> <li>Second cycle of Audit was conducted from 7<sup>th</sup> June to 16<sup>th</sup> June 2016.</li> </ul>
To analyze the report of Feedback from all the Stakeholders on Quality related institutional processes and formulate the strategy to enhance stakeholder's satisfaction.	<ul style="list-style-type: none"> <li>The IQAC obtained the Feedback report from all the Stakeholders of the University through coordinator of Comprehensive Feedback System (CFS) in June 2016.</li> <li>All the Feedback reports were analyzed and respective sections/institutes/cell were advised to comply with the suggestions.</li> </ul>
To collect and analyse reports of various activities on quarterly basis from all constituent institutes and service sections of university.	<ul style="list-style-type: none"> <li>The IQAC collected quarterly report from all constituent institutes and service sections of University. The data was compiled and analysed.</li> <li>The underperforming areas were identified. The strategy for improvement was planned and executed. The said areas were monitored and re evaluated for the improvement.</li> </ul>
To prepare Annual Quality Assurance Report (AQAR) of Sumandeep Vidyapeeth for the Academic year August 2015 to July 2016 as per the guidelines lay down by National Assessment and Accreditation Council (NAAC).	<ul style="list-style-type: none"> <li>The data required for compilation of AQAR of Sumandeep Vidyapeeth for the Academic year August 2015 to July 2016 was obtained and validated by the IQAC.</li> <li>The AQAR has been prepared as per the validated data.</li> </ul>

***\*The Academic Calendar is enclosed as Annexure I.***

**2.16 Whether the AQAR was placed in Statutory body** Yes  No

Management  Syndicate  Any other body



Provide the details of the action taken-

**The Annual Quality Assurance report (AQAR) of Sumandeep Vidyapeeth Deemed to be University was placed in the Academic Council and Board of Management. The AQAR was approved by Resolution no. SV / R / 2016 / 11140 dated 25<sup>th</sup> July 2016, for Submission to National Assessment and Accreditation Council (NAAC).**



## PART- B

### CRITERION – I

#### 1. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	05	01	06	ALL
PG	55	01	56	ALL
UG	06	Nil	06	ALL
PG Diploma	12	Nil	12	ALL
Advanced Diploma	00	Nil	Nil	ALL
Diploma	03	Nil	03	ALL
Certificate	00	Nil	Nil	ALL
Others	06	Nil	06	ALL
<b>Total</b>	<b>87</b>	<b>02</b>	<b>89</b>	<b>ALL</b>

<b>Inter-disciplinary</b>	All courses in Health Sciences are by necessity interdisciplinary in nature	ALL	ALL	ALL
<b>Innovative</b>	The Institution follows an innovative Evidence Based Education System (EBES) in all courses.	ALL	ALL	ALL



### 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option/Open options

- CBCS (in MBA Health care)
- CORE in remaining all other programs as per the Statutory Council norms (Electives are not permitted within the parameters of Curriculum set by respective Councils).

### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	01
Trimester	Nil
Annual	23
Others (Biennial & Triennial)	65 PG Diploma - Biennial PG Degree - Triennial

### 1.3 Feedback from Stakeholders\* (On all aspects)

Alumni  Parents  Employers  Students

Mode of feedback: Online  Manual  Co-operating schools (for PEI)

**\*The Analysis of the Feedback is enclosed as Annexure-II**

### 1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes. The details are as follows:

Academic Program	Subject	Salient aspects of revision / updation	Approved by
BSc Nursing 2 <sup>nd</sup> Year	Sociology, Community Health Nursing (CHN)	As amended by Indian Nursing Council, viz. resolution F.No.1-5/2015-INC dated 16.06.15, the necessary	Board of Management and Academic Council of SV, viz. Notification no. SV/



		value addition is made in the subject of environmental science	R / 2016 / 10440-5 dated 23.06.2016
BSc. Nursing 3 <sup>rd</sup> Year	Nursing Research & Statistics	As amended by Indian Nursing Council, viz resolution F.No.1-5/2015-INC dated 16.06.15, the Nursing Research subject is transferred (45 theory hours and 45 practical hours) from 4 <sup>th</sup> year to 3 <sup>rd</sup> year BSc. Nursing.	
BSc Nursing 4 <sup>th</sup> Year	Obstetrics & Gynaecological Nursing (OBG)	As amended by Indian Nursing Council, viz resolution F.No.1-5/2015-INC dated 16.06.15, the subject of Obstetrics & Gynaecological Nursing (OBG) was transferred from 3 <sup>rd</sup> year to 4 <sup>th</sup> year BSc Nursing and total of 180 hours shall be completed by the student during the Internship program	
BDS	Prosthodontics and Crown & Bridge	Introduction of OSCE & OSPE pattern in preclinical and 4 <sup>th</sup> BDS terminal practical examination	Academic Council of SV, viz. resolution no SV / R / AC / 2016 dated 19/01/2016



M. Pharm.	Pharmacy Practice	New syllabus designed and implemented	Academic Council of SV, viz. Resolution no. SV / R / AC / 2016 / 10440 - 3 dated 19/01/2016
Pharm. D. 2 <sup>nd</sup> year	PD 203- Pharmacognosy & Phyto-pharmaceuticals	Value addition was made in syllabus of Pharm D program.	
Pharm. D. 3 <sup>rd</sup> year	PD 305- Medicinal Chemistry	Value addition was made in syllabus of Pharm D program.	
Pharm. D. 3 <sup>rd</sup> year	PD-301 Pharmacology-II	Value addition was made in syllabus of Pharm D program.	Academic Council of SV, viz. Resolution no. SV / R / AC / 2016 /11135 dated 08/07/2016
MBBS	Bridge/ Remedial/ Enrichment (BRE)programme for slow learners. and fast learners.	The existing criteria of selecting the students for Bridge/ Remedial/ Enrichment group were revised.	Approved by Academic Council of SV viz. Resolution No. SV / R / AC / 2016 / 11135 dated 08/07/2016

### 1.5 Any new Department/Centre introduced during the year. If yes, give details.

Yes. The details are as follows:

Name of the Department/Centre	Description
<b>Early Intervention Clinic</b>	College of Physiotherapy, SV has established “ <b>Early Intervention Clinic</b> ” in association with ‘ <b>High Risk Clinic</b> ’ run by Dept. of Paediatrics, Dhiraj General hospital on 03.05.2016 with an objective to provide following services: <ul style="list-style-type: none"> <li>▪ Early screening &amp; detection of developmental delay/</li> </ul>



	<p>congenital problems etc.</p> <ul style="list-style-type: none"> <li>▪ Early intervention in the form of parent counselling, education on proper handling of the child to facilitate overall development.</li> <li>▪ Regular follow-up till skeletal maturity</li> </ul> <p>The centre / clinic operates from the OPD of Paediatrics, on every Tuesday</p>
<p><b>‘Muskaan Dental Home’</b></p>	<p>The centre was started on 9<sup>th</sup> May 2016 by Department of Paedodontics and Preventive Dentistry, KMSDCH in association with Dept. of Gynaecology and Obstetrics &amp; Dept. of Paediatrics of Dhiraj Hospital with the aim of providing continuous and comprehensive dental care from prenatal stage to six years of age.</p> <p>The centre is numbered as 109 at Dhiraj Hospital.</p> <p>Activities:</p> <ul style="list-style-type: none"> <li>▪ The centre provides counselling to expectant mothers regarding maintenance of good oral hygiene &amp; tooth brushing techniques.</li> <li>▪ Nursing mothers are trained on feeding habits for child &amp; maintenance of good oral hygiene of child.</li> <li>▪ The infants/children are screened for developmental deformities and diseases of oral cavity by expert Pedodontist &amp; appropriate management is advised.</li> </ul>



## CRITERION – II

### 2. Teaching, Learning and Evaluation

#### 2.1 Total number of Permanent faculty:

Total	Senior Lecturer/ Asst. Prof.	Reader/ Asso. Prof.	Professors	Tutor
443	149	80	101	113

#### 2.2 No. of Permanent Faculty with Ph.D.: 22

#### 2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year.

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
28	03	02	00	04	02	19	Nil	53	05

#### 2.4 No. of Guest and Visiting faculty and Temporary faculty 15 05 --

#### 2.5 Faculty participation in Conferences and Symposia:

No. of Faculty	International level	National level	State level
Attended	36	183	203
Presented papers	18	25	07
Resource Persons	03	34	64

#### 2.6 Innovative processes adopted by the Institution in Teaching and Learning:

All the Constituent Institutes of Sumandeep Vidyapeeth have adopted the following Innovative Teaching and Learning process:

- A. Evidence Based Education System with emphasis on evidence searching, validating, utilizing such data in clinical situations and research and transmitting these methods through role modelling.
- B. Small group discussion





- C. Teaching by simulation
- D. E-learning- video cases, webinar, teleconference and telemedicine

**2.7 Total no. of actual teaching days during this academic year** 257

**2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)**

Sumandeep Vidyapeeth has adopted following Examination/Evaluation reforms within the guidelines of Statutory Councils:

1. Multiple Evaluation System for Theory Assessment in UG and PG Programme:  
A system has been implemented, in which Separate Evaluations of each Answer Book by all Examiners is carried out and Average is calculated by the Examination Section, to be considered as Final marks obtained by the Candidate.
2. Evaluation through Online Continuous Cumulative Evaluation System (CCES)
3. Multiple Choice Questions (MCQs) in Internal Evaluation
4. Incorporation of OSCE / OSPE in Internal Evaluation

**2.9 No. of faculty members involved in Curriculum restructuring/ Revision/ Syllabus development as member of Board of Study/ Faculty/Curriculum Development workshop**

79

330

39

**2.10 Average percentage of Attendance of Students:** 84.95%

**2.11 Course/Programme wise distribution of Pass percentage:**

Sr. No	Title of the Program	Exam Details	Total No. of Students Appeared	Division				Total Pass Percentage
				Distinction (75% above)	I Class (60%-75%)	II Class (55%-60%)	Pass Class (50%-55%)	
1.	IV BDS	August-2015	91	Nil	87.91%	Nil	2.20%	90.11%
2.	I BDS	Jan-2016	44	Nil	Nil	6.82%	52.27%	59.10%



3.	II BDS	Jan-2016	37	Nil	21.62%	10.81%	40.54%	72.97%
4.	III BDS	Jan-2016	39	Nil	38.46%	25.64%	23.08%	87.18%
5.	IV BDS	Jan-2016	14	Nil	14.29%	7.14%	50%	71.43%
6.	I BDS	June-2016	115	Nil	49.57%	20%	5.22%	74.78%
7.	II BDS	June-2016	88	Nil	47.73%	26.14%	12.50%	86.36%
8.	III BDS	June-2016	69	Nil	62.32%	23.19%	10.14%	95.65%
9.	IV BDS	April-May 2016	74	Nil	74.32%	14.86 %	1.35%	90.54%
10.	I MBBS	August-2015	158	1.27%	41.12%	18.35%	8.86%	69.62%
11.	II MBBS	Sept.-15	65	1.54%	13.85%	18.46%	35.38%	69.23%
12.	III part I MBBS	Sept.-15	81	Nil	2.47%	9.88%	55.56%	67.90%
13.	III part II MBBS	August 15	74	Nil	2.70%	8.11%	55.41%	66.22%
14.	I MBBS	Jan/Feb-2016	56	Nil	25%	7.14%	32.14%	64.29%
15.	II MBBS	Jan/Feb-2016	98	2.04%	60.20%	10.20%	7.14%	79.59%
16.	III part I MBBS	Jan/Feb-2016	138	Nil	39.13%	16.67%	15.94%	71.74%
17.	III part II MBBS	Jan/Feb-2016	138	Nil	26.87%	24.87%	19.40%	73.13%
18.	I BPT	Sept.-2015	167	0.60%	23.35%	6.59%	14.97%	45.51%
19.	II BPT	Sept.-2015	104	0.96%	33.65%	15.38%	21.15%	71.15%
20.	III BPT	Sept.-2015	101	Nil	44.55%	17.82%	9.90%	72.28%
21.	IV BPT	Sept.-2015	46	Nil	28.26%	34.78%	17.39%	80.43%
22.	MPT	August-2015	15	Nil	33.33%	53.33%	6.67%	93.33%
23.	I BPT	Dec-2015	72	Nil	Nil	1.39%	79.17%	80.56%



24.	II BPT	Dec-2015	54	1.85%	5.56%	16.67%	29.63%	53.70%
25.	III BPT	Dec-2015	25	Nil	Nil	Nil	92%	92%
26.	IV BPT	Dec-2015	15	Nil	Nil	20%	66.67%	86.67%
27.	MPT	Dec-2015	2	Nil	Nil	50%	50%	100%
28.	MPT	July-2016	4	Nil	50%	25%	25%	100%
29.	I B.Pharm	Sept.-2015	76	6.58%	26.32%	2.63%	14.47%	50%
30.	II B.Pharm	Sept.-2015	39	5.13%	20.51%	12.82%	17.95%	56.41%
31.	III B.Pharm	August-2015	21	4.76%	33.33%	Nil	9.52%	47.62%
32.	IV B. Pharm	August-2015	14	28.57%	64.29%	7.14%	Nil	100%
33.	I Pharm-D	Sept.-2015	35	8.57%	25.71%	5.71%	5.71%	45.71%
34.	II Pharm-D	August-2015	23	43.48%	20.09%	Nil	4.35%	73.91%
35.	II M. Pharm	Sept.-2015	6	50%	50%	Nil	Nil	100%
36.	I B.Pharm	Dec-2015	35	Nil	Nil	Nil	34.29%	34.29%
37.	II B.Pharm	Dec-2015	16	Nil	Nil	Nil	81.25%	81.25%
38.	III B.Pharm	Dec-2015	11	Nil	Nil	Nil	54.55%	54.55%
39.	IV B. Pharm	Dec-2015	2	Nil	Nil	Nil	50%	50%
40.	I Pharm-D	Dec-2015	19	Nil	Nil	Nil	63.16%	63.16%
41.	II Pharm-D	Dec-2015	5	Nil	Nil	Nil	100%	100%
42.	II B. Pharm	June-2016	41	14.63%	48.78%	Nil	2.44%	65.85%
43.	IV B.	June-	17	17.65%	64.71%	Nil	Nil	82.35%



	Pharm	2016						
44.	II Pharm-D	June-2016	23	39.13%	56.52%	Nil	Nil	95.65%
45.	III Pharm-D	June-2016	22	Nil	77.27%	Nil	9.09%	86.36%
46.	IV Pharm-D	June-2016	3	Nil	66.67%	33.33%	Nil	100%
47.	I M. Pharm	June-2016	3	33.33%	66.67%	Nil	Nil	100%
48.	II M. Pharm	June-2016	1	Nil	01 100%	Nil	Nil	01 100%
49.	I B.Sc (N)	August-2015	61	1.64%	40.98%	26.23%	1.64%	70.49%
50.	II B.Sc (N)	August-2015	62	6.45%	37.10%	8.06%	1.61%	53.23%
51.	III B.Sc (N)	August-2015	54	7.41%	55.56%	16.67%	3.70%	83.33%
52.	IV B.Sc (N)	August-2015	35	8.57%	48.57%	20%	22.86%	100%
53.	I PBBS (N)	August-2015	10	Nil	70%	10%	Nil	80%
54.	II PBBS (N)	August-2015	2	Nil	100%	Nil	Nil	100%
55.	I B.Sc (N)	Dec-2015	17	Nil	Nil	Nil	58.82%	58.82%
56.	II B.Sc (N)	Dec-2015	28	Nil	Nil	Nil	67.86%	67.86%
57.	III B.Sc (N)	Dec-2015	7	Nil	Nil	28.17%	71.83%	100%
58.	IV B.Sc (N)	Dec-2015	5	Nil	Nil	Nil	80%	80%
59.	I PBBS (N)	Dec-2015	1	Nil	Nil	Nil	100%	100%
60.	I M.Sc (N)	Dec-2015	1	Nil	Nil	Nil	100%	100%
61.	I M.Sc (N)	June-2016	25	12%	80%	4%	Nil	96%



62.	II M.Sc (N)	June-2016	20	40%	55%	5%	Nil	100%
63.	I Sem MBA	Feb-2016	19	57.89%	5.26%	Nil	Nil	63.16%
64.	II Sem MBA	Feb-2016	13	84.62%	7.69%	Nil	Nil	92.31%
65.	I Sem MBA	June-2016	7	28.57%	71.43%	Nil	Nil	100%
66.	III Sem MBA	June-2016	1	100%	Nil	Nil	Nil	100%

### 2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

The IQAC actively monitors and evaluates teaching and learning process as under:

- It encourages each constituent Institute to adopt New and Innovative systems in teaching and learning process by conducting sensitizing programs for the teaching faculty and the students.
- It analyses the feedbacks obtained from the students and external examiners on teaching quality / methods etc. and provides inputs / suggestions for improvements.
- It assesses the syllabus, clinical and academic time-tables of constituent institutes and reviews teaching programs as per academic calendar on periodic basis.
- The IQAC conducts training programs to the teaching faculty of the University on Quality enhancement practices in health education frequently.
- IQAC supervises the activities conducted by the Educational Units of each Constituent Institute and advices them to conduct training programs.
- Teaching-Learning process of the Constituent colleges is evaluated Quarterly by the IQAC committee during the criteria-wise presentations by Heads of the Institutions and inputs are suggested by members for quality enhancement.



### 2.13 Initiatives undertaken towards Faculty Development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	410
UGC – Faculty Improvement Programme	14
HRD ministry programmes	01
Orientation programmes	52
Faculty exchange programme	00
Staff training conducted by the University	112
Staff training conducted by other Institutions	61
Workshops	109
Others	170

### 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of Permanent positions filled during the year	Number of position filled temporarily
Administrative Staff	1085	-	204	-
Technical Staff	128	-	21	-



## **CRITERION – III**

### **3. Research, Consultancy and Extension**

#### **3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution.**

The IQAC continuously monitors and strives to inculcate Research culture in all its constituent institutions. Following are the salient features:

- Workshop on Synopsis Writing/ Biostatistics / Intellectual Property Rights (IPR) for Students & Faculty of the University.
- Periodic Workshop on Evidence Based Education System (EBES) for Postgraduate Students/Residents & Faculty.
- Faculties are involved in Guiding and Supervising Master's Dissertations, PhD Thesis and Student Research Projects.
- Evidence Generating Community Health Project (EviGenCHIP) for Undergraduate students of MBBS where students learn about Research Methodology, Problem Solving, Communication with Community and Evidence Based Practices through conduction of research project on local health problems.
- Motivate Undergraduate students for Research throughout Short Term Studentship (STS) program of Indian Council of Medical Research (ICMR).
- Designing the Projects/Assignments related to EBES for Undergraduate students.
- Upgrading the existing infrastructure of Central Research Laboratory for Quality Research output.
- Incentives to the Faculties for High Impact Scientific Publications and for Attending Faculty Development Programmes outside the campus.
- Providing Infrastructure and Financial support to Organize International/National/State level Conference/ CME/ Seminar/ Educational Training & Workshop etc.
- Encouraging Students and Teaching Faculties for Collaborative Research with other reputed National/ International Research Institutes/ Industries/ Hospitals.



- Research awards to Teaching Faculty and students of Sumandeep Vidyapeeth.

### 3.2 Details regarding Major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	07	26 (23*+3**)	03**	12
Outlay in Rs. Lakhs	15.87	1123.71	270.13	210.13

\* Ongoing Sanctioned Research Projects from previous Academic years.

\*\* Ongoing Sanctioned Research Projects from present Academic year.

### 3.3 Details regarding Minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	356	466 (78*+388**)	388**	-
Outlay in Rs. Lakhs	5.45	42.25	2.0	-

\* Ongoing Sanctioned Research Projects from previous Academic years.

\*\* Ongoing Sanctioned Research Projects from present Academic year.

### 3.4 Details on Research Publications

	International	National	Others
Peer Review Journals	79	91	---
Non – Peer Review Journals	00	03	---
e-Journals	Only e-Journals : 38	Only e-Journals: 35	---
	Only Print: 03	Only Print: 24	
	Print and e-journals both: 37	Print and e-journals both: 36	
Conference proceedings	02	04	---





### 3.5 Details on Impact factor of publications:

Range: - **0.0 – 4.793** Average:- **0.06**

H-index: - **0-25** Nos. in Scopus: - **30**

### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the projects	Duration Year		Name of the funding Agency	Total grant Sanctioned in Rs.	Received (in Rs.)
	Duration	No. of Projects			
Major Projects	---		---	---	---
Minor Projects	03 years		GUJCOST	1,65,000	85,000
Interdisciplinary Projects	---		---	---	---
Industry Sponsored	04 months		ICON Ltd.	81,69,316	81,69,316
	06 months		Santha-Sanofi Ltd		
	01 year		Lotus India Ltd		
Projects sponsored by the Sumandeep Vidyapeeth	<b>Duration</b>		SVDU	7,72,13,570	4,80,87,173
	<b>No. of Projects</b>				
	1 yrs	05			
	1.5 yrs	06			
	2 yrs	03			
	3 yrs	13			
	5 yrs	03			
<b>Total</b>		<b>30</b>			
Students Research projects (other than compulsory by the University)	01 Year for each Project		ICMR ( 02 projects)	20,000	20,000
Any other (Specify)	---		---	---	---
Total	---		---	855.67 Lakhs	562.95 Lakhs



## 3.7 No. of Books published

i) With ISBN No. Chapters in Edited Books ii) Without ISBN No. 

## 3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST DPE DBT Scheme/funds 

## 3.9 For Colleges

Autonomy CPE DBT Star Scheme INSPIRE CE 

Any Other (Specify)

## 3.10 Revenue generated through consultancy: (Financial Year April 2015 to March 2016)

## 3.11 No. of Conferences organized by the Institution

Level	Internati onal	National	State	University	College
Number	04	19	25	14	33
Sponsoring agencies	1. SV 2.ICMR 3.Lupin 4.IPCA	1. SV 2. National AO sponsorship 3. Sharma Surgicals 4. Sun Pharma 5. Century lab. 6. SPSS South Asia Pvt. Limited 7. Sharma Orthopedics	1. SV 2. Alcon Pharmaceutic als, 3. Sun Pharma Pharmaceutic als 4. Abbot India 5. 3M Espe. MDP 6. Nikin Enterprise	1. SV 2. Cipla 3. Neon 4. Indian red Cross Society 5. Baxter	1. SV 2. Troikka 3. BD 4. Listerine



3.12 No. of Faculty served as Experts, Chairpersons or Resource persons **167**

3.13 No. of Collaborations- International **04** National **04** State **02**

3.14 No. of Linkages created during this year **35**

3.15 Total Budget for Research for current year in lakhs:

(Financial Year April 2015 to March 2016)

From funding agency **INR 82.72 Lakhs**

From management of University/College **INR 1157 Lakhs**

Total **INR 1239.7 Lakhs**

3.16 No. of Patents received this year:

Type of Patent		Number
National	Applied	07
	Granted	---
International	Applied	NIL
	Granted	
Commercialized	Applied	NIL
	Granted	

3.17 No. of Research awards / recognition received by faculty and research fellows of the institute in the year:

Total	International	National	State	University	Dist	College
22	01	03	01	17	-	-

3.18 No. of Faculty from the Institution **26**

Who are Ph. D. Guides and

Students Registered under them **76**

3.19 No. of Ph.D. awarded from the Institution: **08**



### 3.20 No. of Research Scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF  SRF  Project Fellows  Any other

### 3.21 No. of students participated in NSS events:

University level  State level

National level  International level

### 3.22 No. of students participated in NCC events:

University level  State level

National level  International level

### 3.23 No. of Awards won in NSS:

University level  State level

National level  International level

### 3.24 No. of Awards won in NCC:

University level  State level

National level  International level

### 3.25 No. of Extension activities organized:

University forum  College forum

NCC  NSS  Any other



### 3.26 Major Activities during the year in the sphere of Extension activities and Institutional Social Responsibility:

Following Extension and Social Responsibility related activities were conducted by all the Constituent institutes of Sumandeep Vidyapeeth:

1. A total of 345 Multi-diagnostic Health Camps were organized in different parts of Gujarat & Madhya Pradesh. The total expenditure incurred was Rs. 43.43 lakhs.
2. The University provides support to the needy school going Children from standard I to XII, by providing school fees, school bags, free Note Books and School Uniforms etc. During this Academic year 2015-16, the University has supported 705 Students, with total expenditure of Rs. 57.24 lakhs.
3. Under the scheme “*Gyanvardhak Scholarship*”, the children of University employees avail the benefits of this scholarship for education. During this Academic year, 189 children were provided support, amounting Rs. 2.23 lakhs.
4. Patients were offered Diagnostic & Therapeutic services at Dhiraj Hospital, at subsidized rates. The total subsidy was Rs. 597.76 lakhs.
5. All the Indoor patients were provided Free Food at Dhiraj Hospital and the amount spent was Rs. 26.30 lakhs.
6. The Dhiraj Hospital and K. M. Shah Dental College and Hospital provides additional subsidy for all Defence employees & their families in the Diagnostic and Therapeutic Services.
7. The Dhiraj Hospital in consonance with Health & Family Welfare Department Gujarat Government provides free Obstetrics and Gynecology related services at the Primary Health Centers of Vadodara District.
8. In collaboration with Department of Health & Family Welfare, Government of Gujarat, Dhiraj Hospital provides tertiary level Specialty services Free of cost to all the Antenatal and Postnatal Care cases, Newborns and Infants. The numbers of beneficiaries from Jan 2016 till date are 1677.
9. ‘*Healthy Mother to Healthy Baby*’ project to provide comprehensive Maternal & Child Health to reduce Maternal Mortality Rate (MMR) & Infant Mortality Rate (IMR) in local community. Free Food Kits to Pregnant women and Lactating mothers were distributed and total expenditure incurred was Rs. 190.88 lakhs.



10. Patients belonging to '*Below Poverty Line (BPL)*' category are provided Free Diagnostic and Therapeutic services at Dhiraj Hospital and K.M. Shah Dental College and Hospital.
11. On regular basis, Oral health check-up and treatment camps along with Oral Cancer Screening are organized in rural areas of Gujarat state.
12. The University in collaboration with Akshay Trust and Friend's Society Vadodara regularly organizes special camps on Oral Health for Divyang (Differently abled) children.
13. A Programme titled '*Sankalp*' is undertaken for Oral Health Check-up and awareness at all the Government schools of Vadodara city.
14. The University is providing expert Clinical Services in Medicine, Dentistry and Physiotherapy on regular basis at Vaaman Charitable Trust's Rural Health Training Centre, Bahadarpur and Government of Gujarat's Primary Health Centre, Waghodia.
15. The University has implemented all National Health Programs like Revised National Tuberculosis Control Programme, National Leprosy Eradication Programme, National Vector Borne Disease Control Programme, National Programme for Control of Blindness, National AIDS Control Programme, Reproductive and Child Health Programme, Universal Immunization Programme etc.
16. The constituent Institutes of University are regularly conducting Health Check-up camps in Industries and Industrial areas of Gujarat.
17. Well-equipped Mobile Medical and Dental Bus, is used for conducting Diagnostic and Treatment camps in Gujarat and Madhya Pradesh.
18. Well equipped Ambulance of Dhiraj Hospital provides Emergency Health Services to the needy and is available on call 24x7. Also, the 108 Ambulance Service of Government is in place in case of health emergencies.



## **CRITERION – IV**

### **4. Infrastructure and Learning Resources**

#### **4.1 Details of increase in infrastructure facilities:**

<b>Facilities</b>	<b>Existing</b>	<b>Newly created</b>	<b>Source of Fund</b>	<b>Total</b>
Campus area	60.22 acres	---	SV	60.22 acres
Class rooms	41	---	SV	41
Laboratories	85	---	SV	85
Seminar Halls	17	---	SV	17
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	235	21	SV	256
Value of the equipment purchased during the year (Rs. in Lakhs)	2602.61	298.90	Student Fees and Hospital Income	2901.51
Construction area	2 lakh sq. mts.	6569 Sq mts	SV	2,06,569 sq. mts.
Others	--	--	--	--

#### **4.2 Computerization of administration and library**

Computerizations of Administration and Library in all constituent units are continually promoted.

- Most of the administrative functions are computerized by using suitable tailor made software packages like, Hospital Management System (HMS), LIBTECH 1.4, Examination software, Mess administration software and Internal Mail System (IMS).
- All Faculties and Students can access online Teaching and Learning resources and Scientific Databases for quality Teaching, Learning and Research through Internet and Intranet facility.



### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value in Rs.	No.	Value in Rs.	No.	Value in Rs.
Text Books	27355	122297051.32	1094	1826053.05	28449	124123104.37
Reference Books	3603	8183550.95	270	499142	3873	8682692.95
e-Books	30637	-	-	-	30637	-
Journals	316	12706798	300	12167357	300	24874155
e-Journals	12651	-	-	-	12651	-
Bound Volume	4145	123426250	316	12706798	4461	136133048
Digital Database	08	3924434	-	-	08	3924434
CD & Video	1575	-	-	-	1575	-
Others (specify)	-	-	-	-	-	-
Dissertation	1069	-	286	-	1355	-
News Paper	06	13200	-	-	06	13200
Popular Magazine	05	500004	-	-	05	50000

### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Dept.	Others		
								Tablets	WIFI	Print-Copy Centres
Existing	700	2	400	2	2	0	0	300	300 AP	02
Added	5	0	50	0	0	5	3	100	-	-
Total	705	2	450	2	2	5	3	400	300	02

AP- Access Points





#### 4.5 Computer, Internet access, training to Teachers and students and any other programme for technology Up gradation (Networking, e-Governance etc.)

Promotion of Technology up gradation is conducted periodically among all the constituent Institutes of Sumandeep Vidyapeeth. Following resources/trainings are provided to all the constituent Institutes for networking and e-governance.

1. Campus wide Wi-Fi services
2. Fibre optic connectivity
3. Internal Mail System (IMS)
4. Hospital Management System (HMS)
5. Admission Management System
6. Payroll System
7. Human Resource system
8. Mess/Canteen Management System
9. Estate Management System,
10. E-Governance through: [www.sumandeepuniversity.edu.in](http://www.sumandeepuniversity.edu.in)
11. CCTV at key locations
12. Tele Medicine, Tele Nursing, Tele Pathology Facility
13. Use of Android Tablets for Online CCES for Student evaluation
14. Audio-visual aids in all the classrooms & seminar rooms
15. Need –based periodic training on computer skills to needy students and teachers is conducted.

#### 4.6 Amount spent on maintenance in Lakhs :

i) ICT	<b>00.94</b>
ii) Campus Infrastructure and facilities	<b>21.84</b>
iii) Equipments	<b>71.13</b>
iv) Others	<b>2.90</b>
<b>Total:</b>	<b>96.83</b>



## **CRITERION – V**

### **5. Student Support and Progression**

#### **5.1 Contribution of IQAC in enhancing awareness about Student Support Services**

Along with the constituent Institutes, the IQAC is involved in enhancing awareness about Student Support Services in following way:

1. Orientation and Induction programs for newly admitted Students which includes:
  - Lecture series on all available Student Support Services
  - Distribution of Student Handbook mentioning all the details of Student Support Services
  - Campus Tour to make the students aware about location and functioning of different Student Support Systems
2. With reference to the Guidelines laid down by Hon'ble Supreme Court of India and University Grant Commission (UGC) pertaining to Ragging, Educatory boards are displayed at prominent sites of constituent Institutes, Common Areas, University Premises and other Adjoining Areas of Sumandeep Vidyapeeth.
3. With reference to the Guidelines laid down by Hon'ble Supreme Court of India and University Grant Commission (UGC) pertaining to Grievance Redressal Cell/ Anti Sexual Harassment, information is displayed on the notice board from time-to-time.
4. Detail information about Student Support Services like Mentorship program, Student Counselling cell, Career & Competitive Examination Forum, Campus Job placement, Hostel services, Sports services, Free-ship & Scholarship and 24 x 7 Helpline numbers, is made available on the University website.
5. With reference to the Guidelines laid down by University Grant Commission (UGC) pertaining to campus security especially safety of students, the University administration is committed to implementation of the said Guidelines. The contact numbers of Security officers, warden/rector, are displayed at the prominent sites of the Hostel / Residential areas.



## 5.2 Efforts made by the institution for tracking the progression

Following efforts are made by all the Constituent Institutes for tracking the progression of Students:

- Daily Evaluation of Students about Academic performance through Continuous cumulative Evaluation System (CCES) in theory, practical and clinical classes.
- Identifying the Differential Learning Needs of Students and addressing them through Bridge /Remedial / Enrichment Programme
- Periodic conduct of Internal Assessment Examinations
- Student Mentorship Programme
- Mailing the Attendance details and Report card of each Student to the Parents/ Guardians.
- Periodic meetings of Parents and Teachers
- By organizing Sports and Cultural activities
- Reviewing the Student Feedback and solving the difficulties

### 5.3 (a) Total Number of students

UG	PG	Ph.D.	Others	Total
2408	528	76	325	3337

(b) No. of students outside the state 372

(c) No. of international students 02

Men		Women	
Number	%	Number	%
1215	36.4	2122	63.6

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2478	96	139	421	04	3135	2625	101	135	472	04	3337



Demand Ratio

1: 2.2

Drop out

0.22 %

#### 5.4 Details of Student Support Mechanism for coaching for competitive examinations.

- The university has established Career & Competitive Examinations Forum (CCEF) to facilitate students in shaping their career after completing their graduate/postgraduate studies and guiding them to appear in Competitive Examinations.
- CCEF organizes Seminars for competitive examinations in respective discipline and in English and Reasoning.
- CCEF conducts coaching classes for Competitive Examination (Viz. IELTS, TOEFL & GRE) from current academic year.

No. of students benefited

400

#### 5.5 No. of students qualified in these examinations

NET

00

SET/SLET

00

GATE

00

CAT

00

IAS/IPSC etc

00

State PSC

00

UPSC

00

Others\*

29

\* GRE/ TOFEL (20), AIPG (01), COMEDK (04), NEBD (01), NCLEX-RN (01), DSSSB (02)

#### 5.6 Details of Student Counselling and Career Guidance:

The University has proactive mechanism for student counselling and career guidance. The University has Career and Competitive Examination Forum (CCEF) who counsels the students by organizing Career Development Seminars for further study (Both within India and outside India) and employment opportunities. It also facilitates students by organizing training program on soft skills, arranging/facilitating for job placements, internship and industrial visit.

No. of student benefitted

1249



## 5.7 Details of Campus Placement

- Campus placement activities are regularly conducted for MBA and Pharmacy students of the University.
- Campus Placement is not an integral activity for Medical, Dental, Nursing and Physiotherapy students in colleges all over the country. Generally, after finishing the course, the students opt for further Higher Education, join Govt / Private Organizations or engage in Private Practice.
- However demands received from Institutions / Organizations / Hospitals are communicated effectively to the eligible candidates.

<i>On Campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
08	29	21	03

## 5.8 Details of Gender Sensitization Programmes

The university periodically conducts gender sensitization program for Faculty, Non-teaching staff and University officials. In the present academic year, under following categories, the programs were conducted:

- Anti-sexual harassment program
- Women empowerment program

A Total of **6** programs have been conducted by experts in which Total of **980** Students & Employees were benefited.

## 5.9 Student Activities

### 5.9.1 No. of Students Participated in Sports, Games and other events

State/University level **395** National level **25** International level **--**

No. of Students Participated in Cultural events

State/University level **1233** National level **432** International level **02**



### 5.9.2 No. of Medals/Awards won by students in Sports, Games and other events

**Sports:** State/University level **15** National level **12** International level **--**

**Cultural:** State/University level **12** National level **03** International level **01**

### 5.10 Scholarships and Financial Support:

	Number of Students	Amount in Lakhs
Financial support from institution	21	47.89
Financial support from government	466	170.22
Financial support from other sourced	-	-
Number of students who received International/ National recognitions	-	-

### 5.11 Student organised/Initiatives

**Fairs:** State/University level **02** National level **--** International level **--**

**Exhibition:** State/University level **03** National level **--** International level **--**

**5.12 No. of Social Initiatives undertaken by the students** **245**

**5.13 Major Grievances of students (if any) redressed:** **03**



## **CRITERION – VI**

### **6. Governance, Leadership and Management**

#### **6.1 State the Vision and Mission of the Institution**

**The Vision and Mission of Sumandeep Vidyapeeth is:**

##### **❖ VISION**

- To be the Centre of Excellence in Health Education, Health Care Services & Innovation.
- To develop Health Care Professionals of Global Competence.

##### **❖ MISSION**

- To provide State of Art Infrastructure and human resource of higher credentials for Research, Hospital services, Teaching - Learning and Administration.
- To contribute towards Nation building by creating intellectually and technically proficient Health Care professionals who are innovative scholars, inspiring leaders and contributing citizens.
- To execute High Quality, International Standard academic and research programs in Health Sciences.
- To augment the partnerships between Industries, Community and Institute for collective endeavour towards societal development.

#### **6.2 Does the Institution has a management Information System**

**Yes**

#### **6.3 Quality Improvement Strategies adopted by the institution for each of the following:**

The University Administration continuously strives for Quality Improvement and reviews the strategies time to time. During this Academic year, various strategies were adopted by the Institution for Quality Improvement in various following areas.

##### **6.3.1 Curriculum Development**

- Value addition of curriculum with professional development that includes Entrepreneurship Skill Development, Employability Skill & Holistic Personality



Development.

- Upgrading of existing curriculum in consonance with Evidence Based Education System.
- Curriculum Bank, which is a repository of all Suggestions / Feedbacks received from various Stakeholders from time to time and of deliberations amongst Faculty and Students in relation to emerging trends and need (locally and globally); is periodically reviewed for further curriculum enhancement.
- Staff members are motivated to attend Seminars, Workshops & Conferences at National and International levels on various dimensions of Curriculum Development.
- The Curriculum of Undergraduate and Postgraduate programs is regularly updated as per the Feedback obtained from visiting faculties, External examiners, National and International Guest Speakers, Alumni of Institutes, Industry Experts, Students and Faculties of the institute.

### 6.3.2 Teaching and Learning

- Implementation of student centric Teaching-Learning program such as Bridge, Remedial & Enrichment program, Student Assisted Teaching, Self-directed learning & Skill development, Problem Based learning, Role Modelling, Small group teaching and Community based learning.
- Adoption of modern methods of teaching such as Evidence based education, Reflective Learning, Simulation through Mannequin models and Software, Weekly clinical meeting for Post graduate students, Integrated class room teaching, Narrative based healthcare practices, Medical Humanities, Demonstration of special cases using Audio Visual assistance, Micro teaching for Post graduate students, Integrated teaching, Learning through Industry visits and Scientific sessions through Continuing Education programs.
- Periodic Faculty Training programs on Health Education Technology.
- Micro planning of all teaching sessions.
- Student feedback on faculty performance and teaching learning activities.
- Upgradation of infrastructure for modern methods of teaching.





### 6.3.3 Examination and Evaluation

- Adoption of innovative method-Continuous Cumulative Evaluation System (CCES) for daily assessment after each Theory & Practical session.
- Teaching of Evidence Searching Skills and Validation of data techniques with an emphasis on its use in practice and research, and evaluating students for the same as an additional subject during university examinations.
- Adoptions of universally accepted modern method of assessment like OSCE/OSPE, so as to reduce subjective bias.
- Strict adherence to the norms prescribed by the Statutory councils / Regulatory bodies for conducting University Examinations.
- Strict adherence to Standard Operating Procedure (SOP) so as to ensure confidentiality, transparency & uniformity in conducting Internal Examination.
- Upgradation of Infrastructure such as CCTV installation in Examination halls and Central Assessment Cell for continuous surveillance.
- Use of Tailor-made Software for University Examination Department.
- Timely redressal of Examination related grievances by appropriate authorities (Controller of Examination & Board of Examinations).
- Obtaining Feedback on Examination system from Examiners and Candidates.
- Periodic Review of Examination system by Board of Examinations for Quality enhancement.

### 6.3.4 Research and Development

- Facilitating Research by Seed money transfer.
- Rewarding Research Incentive for Publication, Paper Presentation and Training.
- Conducting regular Workshops/Training program on Research Methodology and Intellectual Property Rights for Students and Faculty members.
- Upgradation of Central Research Lab to facilitate High Impact Research.
- Review of all Research proposals through well-established Human Research Review Panel (HRRP) and Institutional Ethics Committee (IEC) on regular basis.
- Collaboration with External Institutions and Government agencies for Research funding.



- Dedicated Research Cell with substantial number of staff members.
- Procurement of enriched Databases and Study Materials to carry out Quality Research.
- Provision for granting Special Leave for Research.
- Assisting Students and Faculty Members to avail Research Grant from External Funding Agencies.
- Special Schemes to promote in Service Staff members to pursue Ph.D. program.

#### **6.3.5 Library, ICT and Physical Infrastructure / Instrumentation–**

- Addition of authentic e-Databases and Training sessions on their utility for easy access of Research information.
- Training sessions to all Students and Faculty of Sumandeep Vidyapeeth on use of Online Public Access Catalogue (OPAC).
- Regular Exhibition of Books and other study material from various Renowned Publishers.
- Upgradation of Internet facilities in Campus.
- Procurement of latest configured Computers, Software and other IT resources.
- Periodic review of Learning Resource Centre (LRC), ICT and other infrastructure facilities.

#### **6.3.6 Human Resource Management:**

- The Human Resource Department strives to accomplish the University's Mission to provide Human Resource of higher credentials and to promote continual development of our University.
- Maintaining strength of Teaching and Non teaching staff at par with norms stipulated by Statutory Councils and University Grant Commission (UGC).
- Recruiting Faculty Members as per norms of University Grant Commission (UGC) and norms stipulated by Statutory Council through advertisement at National level through various modes.
- Healthy working environment supported by required Amenities.
- Strong Support/ Compensation policy as per norms at various levels.



- Transparent and objective appraisal system for staff.
- Well placed Grievances Redressal Cell and Anti Sexual Harassment Cell for staff members.
- Review of Absenteeism, Violation of Disciplines & Remedial measures.
- Review of Training calendars, Training syllabus, Training feedback, Training outcome reports.
- Retention of Faculty is encouraged by Promotion, Annual Increments and other benefits. Due to this an excellent staff retention ratio is maintained.
- Exit interview of Staff who has resigned, is conducted by a committee headed by Head of Institute to study the reasons for leaving.

### **6.3.7 Faculty and Staff recruitment:**

- The Staff recruitment is as per UGC norms and Guidelines of Statutory /Regulatory body.
- Advertisement in leading Local and National Newspapers, University website & Online Job portal to invite applications for recruitment of Quality and Competent Man power.
- The University has adopted transparent system for recruitment of new staff, by having a Staff Selection Committee for all Teaching and Non teaching staff. The selected list is placed to the Board of Management (BOM) for ratification.

### **6.3.8 Industry Interaction / Collaboration:**

#### **1. Department of Management:-**

- Industry visit is incorporated as a part of curriculum in MBA (Health care) program. The Industry visit is mandatory for semester I, II, & III. The student is credited with 2 points.
- On regular basis, summer internship programs are organised for the students in collaboration with industries with high repute.
- Invites distinguished guest speakers from health care industry who address the students & put forth the market scenario.

#### **2. Sumandeep Nursing College:-**



- With respect to the Statutory norms, the students of Nursing college regularly visits food industries, dairies, Sewage treatment plant of Vadodara Municipal corporation, Water purification plant, old age homes, family & welfare Government clinics at Ahmedabad, TB clinic & ART centres at government hospital Vadodara.
3. K. M. Shah Dental College & Hospital:-
- The post graduate students of dental college have a periodic visit to Gujarat Cancer Research Institute Ahmedabad & Kailash Cancer Hospital, Goraj.
4. S. B. K. S. Medical Institute & Research Centre:-
- The Institute and the Dhiraj Hospital has collaborated with non governmental organizations like Jeevan Akshay trust, Vadodara Rotary club, Vadodara Lions club etc. for conducting health check up camps especially in rural areas of Gujarat and neighbouring states.
  - Health care assistance from Goraj Muni Seva ashram.
5. Department of Pharmacy:-
- The students of B. Pharm, Pharm D were sent for special training in Formulation Technology to the Industries like Relax Biotech and Alkem Laboratories.
  - Has collaborated with Royal Research Centre, Navasari, Gujarat for different research activities.
6. College of Physiotherapy:-
- Institute has collaborated with 'REHABS' and Friends Society (NGO) for Academic and Research purpose.

#### **6.3.9 Admission of Students:**

- The Admission procedure in all Programs of the University is as per the prescribed Guidelines of Statutory Council / Sumandeep Vidyapeeth Deemed to be University.



- The University Office publishes a Notification of Admission in the form of Advertisement in leading Newspapers of India and on the Website of the University.
- Each student has to Appear & successfully complete the All India Common Entrance Test (AICET) for seeking admission in any program.
- The AICET examination is conducted at various centres across the country.
- The list of meritorious students is displayed on the website of University. The interview/counselling of eligible candidate is conducted by the admission committee. The list of final selected candidates is displayed on the website of university & accordingly the admissions are conducted by Central Admission cell.
- Each newly admitted student is allotted an enrolment/registration number based on the course selected by the student.

#### **6.4 Welfare schemes:**

1. Teaching Staff.
2. Non teaching Staff
3. Students

##### **1. Teaching staff**

- Residential quarters- The University provides rent free, well furnished house to the teaching staff, either in the campus or in the Vadodara city.
- Free transportation- The University provides free transport services through light motor vehicle and heavy motor vehicle to the teaching staff from every part of the Vadodara city. Also few teaching staff are provided with transport facilities from Ahmedabad.
- Each teaching staff is issued a Health card for availing health care facilities in the campus. The diagnostic/treatment charges are subsidized.
- The University/Institution organizes cultural programs and Festivals celebrations for teaching staff in the campus. Also Recreational facilities are available in the campus.
- The University has Crèche facility / Child Day care centre for the Children of the Teaching staff. The centre is well equipped with items of the child interest.



- The University has laid down the leave policy keeping in mind the need of teaching faculty. The leaves are granted as per the requirement of the faculty.
- The teaching faculty in case of distress can approach woman welfare committee, grievances redressal cell, anti sexual harassment cell and any University/Institutional authority at any given time.
- The University has provided cell phones with Closed User Group (CUG) numbers for teaching staff to facilitate communication.

## 2. Non teaching staff:

- Residential quarters- The University provides rent free, well furnished house to the non teaching staff in the campus.
- Free transportation- The University provides free transport services through light motor vehicle and heavy motor vehicle to the non teaching staff from every part of the Vadodara city.
- The University has introduced Gyanvardhak Yojna since 2011. It supports the tuition fees of children of non teaching staff up to 12th standard.
- The University offers Employee loan scheme. The loan amount is usually disbursed for the purpose of house construction, marriages, health, and education and for the social needs.
- Each non teaching staff is issued a health card for availing health care facilities in the campus. The diagnostic/treatment charges are subsidized.
- The University/Institution organizes cultural programs and Festivals celebrations for non teaching staff in the campus. Also Recreational facilities are available in the campus.
- The University has Crèche facility / Child Day care centre for the children of the non teaching staff. The centre is well equipped with items of the child's interest.
- The University has laid down the leave policy keeping in mind the need of non teaching faculty. The leaves are granted as per the requirement of the employees.
- The non teaching faculty in case of distress can approach woman welfare committee, grievances redressal cell and any University/Institutional



authority.

- The University has provided cell phones with Closed User Group (CUG) numbers for non teaching staff to facilitate communication.

### 3. Students:

- The University provides transport services to students from every part of the Vadodara city.
- Student council: The University has central vibrant student council. Also each constituent institute has a student council. There is proper representation of girl students in council. Both the councils periodically organize cultural and sports activities for the students. The council members represent the student fraternity to the University/Institute Authorities, as and when required.
- Mentorship program: The University is engaged in mentorship program. Each constituent institute has implemented the mentorship program successfully. This program has improved the student's performance.
- Counselling centre: each constituent Institute has a student counsellor, who is available 24\*7 for resolving the student's problems. The University campus has a qualified Psychiatrist and Psychologist for any assistance to the distressed students.
- Anti Raging committee: The University is committed to the anti ragging guidelines laid down by honourable Supreme Court, UGC, statutory councils, government etc. The anti-ragging committee is actively involved in preventing/ curbing ragging incidences in the campus. Multiple flying squads are constituted at Institute and University level. The chief warden and his/her associates are actively involved for prevention of ragging. Not a single act of ragging has been reported.
- Each student is provided with emergency help line numbers in view of any problems.
- Career & Competitive Examination Forum: The Career and Competitive Examination Forum is established to facilitate students for career building through Counselling for competitive examinations like IELTS, TOEFL, GRE etc., Organizing Bridge program for Gujarati Language, seminar for



further higher education within and Outside India, internship and industry interaction program & Job placement assistance

- Hostel and Mess & cafeteria services: University has separate hostel facility for boys and girls with well furnished rooms & recreational facilities. The mess and cafeteria is available within campus for good quality food at reasonable rate. The married students are provided with self contained accommodation in the campus.
- Sports services: The University has established state of art sports centre which provides various indoor and outdoor games facility with qualified trainer.
- Alumni association: An autonomous alumni association of Sumandeep Vidyapeeth University is in force and has branches in all the constituent institutes. The association is mainly involved in conducting regular meets, on and off campus and organize scientific/academic activities for the students of University.
- Women empowerment: The University regularly conducts sensitization programmes for women welfare and their empowerment through seminars, small meets, and interactive sessions; by inviting distinguished speaker from within and outside the campus. The University has inculcated a cordial work culture with gender parity and equality.
- Free ships and scholarship: The University has welfare schemes for student's education in the form of free ship and scholarships. The student section of each constituent institute motivate and help the students to avail scholarships from various government agencies, philanthropic organizations etc.
- Recreational facilities like gymnasium and sports complex are available in the campus.

**To further enhance the Quality of Welfare Services, the University has adopted comprehensive feedback system in which the suggestions of students, alumni, parents and teaching faculty are invited or obtained on periodic basis. The promotive actions are taken after analysing their feedback.**





6.5 Total corpus fund generated:

6.6 Whether annual financial audit has been done - Yes  No

6.7 Whether Academic and Administrative Audit (AAA) have been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Agency
Academic	YES	YES	YES	IQAC
Administrative	YES	YES	YES	IQAC

6.8 Does the University/ Autonomous College declare result within 30 days?

For UG Programmes Yes  No

For PG Programmes Yes  No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- University takes into consideration the feedback on examination from students and Internal & External Examiner
- Adoption of innovative method-Continuous Cumulative Evaluation System (CCES) for daily assessment after each Theory & Practical session.
- Teaching of Evidence Searching Skills and Validation of data techniques with an emphasis on its use in practice and research, and evaluating students for the same as an additional subject during university examinations.
- Adoptions of universally accepted modern method of assessment like OSCE/OSPE, so as to reduce subjective bias.
- Strict adherence to the norms prescribed by the statutory councils / Regulatory bodies for conducting University Examinations.
- Strict adherence to Standard Operating Procedure (SOP) so as to ensure confidentiality, transparency & uniformity in conducting Internal Examination.



- Upgradation of Infrastructure such as CCTV installation in Examination halls and Central Assessment Cell for continuous surveillance.
- Use of Tailor-made Software for University Examination Department.
- Timely redressal of Examination related grievances by appropriate authorities (Controller of Examination & Board of Examinations).
- Periodic Review of Examination system by Board of Examinations for Quality enhancement.

### 6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Each constituent Institute of Sumandeep Vidyapeeth University is given academic, administrative and financial autonomy within the ambit of Sumandeep Vidyapeeth.

- The details of Financial Autonomy offered to all Heads of the Institutions is as under:

Sr. No.	Name of Authority	Recommended amount as Financial Autonomy (In Rs.)
1.	Medical Superintendent, Dhiraj General Hospital	1000000
2.	Dean, SBKS MI & RC	500000
3.	Dean, KMSDCH	500000
4.	Principal, College of Physiotherapy	300000
5.	Principal, Department of Pharmacy	300000
6.	Principal, Sumandeep Nursing College	300000
7.	Principal, Department of Management	100000

- Imprest money to the Head of the Institution with maximum limit of utilization per annum is as follows:

Sr. No.	Name of Authority	Recommended amount as imprest money (In Rs.)	Amount restricted per Annum
1.	Medical Superintendent, Dhiraj Hospital	50000	600000
2.	Dean, SBKS MI & RC	25000	300000



3.	Dean, KMSDCH	25000	600000
4.	Principal, College of Physiotherapy	20000	240000
5.	Principal, Department of Pharmacy	20000	240000
6.	Principal, Sumandeep Nursing College	20000	240000
7.	Principal, Department of Management	10000	120000

- Academic and Administrative Autonomy:

The Head of the Institution is empowered to:

- Take decisions related to all the academic activities viz. Academic calendar, faculty development programs, clinical duties, Internal Examinations, student and faculty exchange programs, academic fest etc.
- Take decisions related to research activities, collaborations and linkages, publications etc.
- To take day to day all administrative decisions related to students, employees, infrastructure etc.
- To formulate policies for smooth functioning of the respective Institute.
- To develop, design and execution of the curriculum within the ambit of statutory council and other norms / demands, if any.

### 6.11 Activities and support from the Alumni Association

The Alumni Association of Sumandeep Vidyapeeth is actively involved in Academic, Social and Extracurricular activities. Each constituent institute has a Chapter of Alumni Association.

#### ACTIVITIES OF ALUMNI ASSOCIATION

- Enrolment, Maintenance and Upgradation of details of Alumni association members.
- Following Donation to Sumandeep Vidyapeeth Deemed to be University:
  - Equipments related to Sports and Gymnasium costing Rs. 60,007/-
  - Musical Instruments costing Rs.75,000/-
  - Partly sponsored the Academic/Cultural event organized by the Constituent Institutes



- Actively involved in suggesting the views of Alumni members in the formulation of curriculum
- Periodic meetings at University and Chapter level for Growth and Development of University and the Alumni Association
- Members of Alumni Association has provided Hospitality and Transport services to the team of Department of Public Health Dentistry during the Multi-Diagnostic treatment camp conducted at Upleta, Rajkot from 20 to 23 February 2016.
- Organizing Interactive sessions of Alumni with Students.

### **6.12 Activities and Support from the Parent – Teacher Association**

- The Parent Teacher Association meets once in a year for Quality Enhancement in Teaching-Learning.
- The University Administration ensures that Feedbacks from the Parents obtained during the meets of Parent-Teacher Association are executed / implemented.

### **6.13 Development programmes for Support Staff:**

The university regularly conducts various types of programs for support staff to improve their professional skills and competencies. Selection of candidates for a particular training program is done after considering the theme of program. Following is the list of such programs conducted by different institutes/ sections of the University for its Support Staff:

- Workshop on “infection control and occupational hazards” organized by the Dental Hospital for the dental auxiliary staff viz. Nursing Staff, Attenders and Aaya Masis on 21<sup>st</sup> and 22<sup>nd</sup> April, 2016
- Training session on “Time Management, File Movement, Interdepartmental coordination, documentation and letter drafting” organized by HR Department of University for clerical staff of the University on 25<sup>th</sup> March, 2016
- Training for security staff, Training programs in Computer applications, Store maintenance for staff Nurses, Material dispensing and care Training, Refresher course in Biomedical Waste Management, English Speaking Course organized by SBKS MI & RC and Dhiraj General Hospital
- Department of Pharmacy has organised First aid training program in



association with Red-cross society, Vadodara for students and support staff which was held on 19<sup>th</sup> and 20<sup>th</sup> January 2016.

- With regards 'Supportiveness & Behaviour of clerical staff', the clerks have been counselled and educated by College of Physiotherapy
- Communication skills, Time management training organized by Sumandeep Nursing College

#### 6.14 Initiatives taken by the Institution to make the campus eco-friendly

Following initiatives are undertaken by the University:

<b>Energy Conservation</b>	Energy Conservation is practised in the Campus effectively through: <ul style="list-style-type: none"> <li>▪ Use of CFL/LED light</li> <li>▪ Installation of Electric Circuit Breakers</li> <li>▪ Installation of Electric Reading Meters</li> </ul>
<b>Use of Renewable Energy</b>	Setting up Biogas plant
<b>Water Harvesting</b>	Rain water harvesting & underground water recharging.
<b>Solar Panel</b>	Installation of Solar Panels in all student hostels
<b>Plantation – Botanical or Medicinal Significance</b>	The University Campus is Lush Green due to regular plantations, which comprises of general plants and also of Medicinal significance.
<b>Bio-hazardous Waste Management</b>	Time tested system is in place for Bio-hazardous Waste Management.
<b>E- Waste Management</b>	The E-Waste is managed through prescribed protocols
<b>Effluent Treatment &amp; Recycling Plant</b>	The Sewage generated in the campus is treated through the Sewage Treatment Plant and the outcome is used as applicable.
<b>Recognition / Certification for Environment – Friendliness</b>	<ul style="list-style-type: none"> <li>▪ Gujarat Pollution Control Board (GPCB)</li> <li>▪ AERB certification for Radiology Departments</li> </ul>
<b>Paper conservation</b>	E-Governance is promoted.

**Clean Campus**

- A program titled “**Swachh Sumandeep campus se Shudhha Paryavaran se Swasthya**” is initiated in consonance to Swachh Bharat Abhiyan.
- Periodic Audits are in place to monitor the program.



## **CRITERION – VII**

### **7. Innovations and Best Practices**

#### **7.1 Innovations introduced during this Academic year which have created a positive impact on the functioning of the institution. Give details.**

The positive impact on the functioning of the Institution has been created due to following Innovative Practice in this Academic year:

1. Introduction of new methods in examination system,
  - Double Evaluation
  - Online Continuous Cumulative Evaluation
  - Objective Structured Clinical Examination (OSCE) / Objective Structured Practical Examination (OSPE) in Internal Clinical / Practical Examinations
  - Advanced Moderation System of University Question Papers for all programs

These methods have increased transparency & objectivity of evaluation system. It has reduced possibilities of misconduct during examination.

#### **7.2 Provide the Action Taken Report (ATR) based on the Plan of Action decided upon at the beginning of the year.**

<b>Plan of Action for Academic Year 2015-16</b>	<b>Action taken</b>
To increase Intake in Seats for Undergraduate and Postgraduate Nursing Program	After fulfilling the requirement/norms of Indian Nursing Council and after completing the due procedure the number of seats in Undergraduate program (B.Sc. – Nursing) were increased from 60 to 100 and in the Postgraduate program (M.Sc. – Nursing) the seats were increased from 25 to 50 vide file no. 02/Apr2016-INC dated 5 <sup>th</sup> April, 2016 of letter from Indian Nursing Council.
To introduce PhD Program in Healthcare	After obtaining the approval from Academic Council, SV and Board of Management, SV, the PhD program in



Management	Healthcare Management was introduced vide Notification # SV/R/2016/10440-7 dated 23 <sup>rd</sup> June, 2016.
To Enrich community activities	<ul style="list-style-type: none"> <li>▪ The Dental college has adopted Two Rural Schools in addition to Five Villages for Periodic Oral Health Education, Screening and Treatment.</li> <li>▪ The total of 345 Multidisciplinary / Multispecialty Health Diagnostic and Treatment Camps were organized wherein the total expenditure incurred was Rs. 43.43 lakhs. The total number of Patients benefited was 18,992.</li> </ul>
To Orient/Train the Teaching Staff under Faculty Development Program	<ul style="list-style-type: none"> <li>▪ The various University sections like Faculty Development Cell, Research cell, Institutional Education Units and Constituent Institutes had organized at University/State/National/International level training programmes on Newer Health Educational Technologies, Advances in Clinical Practices, Research Methodologies and Evidence Based Education &amp; Practice.</li> <li>▪ The total number of Faculty Development Programmes organized was 95 during current academic year August 2015-July 2016.</li> <li>▪ The Teaching Faculty of Sumandeep Vidyapeeth also attended similar types of above mentioned programs organized by other Hospitals/Institutes/Universities at State, National and International level.</li> <li>▪ Additionally, the Research Cell of SV along with FDC has organized Group Counselling Sessions and Personal Counselling Sessions for the teaching faculties of Sumandeep Vidyapeeth Deemed to be University.</li> </ul>
To introduce Online Continuous Cumulative Evaluation	<ul style="list-style-type: none"> <li>▪ A New Web Based examination portal has been created.</li> <li>▪ Android tablets were distributed to the students and</li> </ul>





System(CCES)	has implemented CCES through Online mode
To Upgrade the Infrastructural facilities at Dhiraj Hospital	An additional Construction is undertaken at Dhiraj General Hospital for increasing the super specialized healthcare facilities.
To upgrade University infrastructure: 1. Establish New Sewage Treatment Plan 2. HVSE & Cooling system at Hostel 3. Procurement of water from Narmada Canal	The said work related to upgradation of University Infrastructure is in progress.
To Collaborate with Health Institutes for Academic and Research Programs	<ul style="list-style-type: none"> <li>▪ The University has collaborated with Institute of High Repute for Academic and Research program.</li> <li>▪ In current Academic year, there are total Fourteen Collaborations at State (02), National (04) and International (04) level.</li> </ul>

### 7.3 Give Two Best Practices of the institution

#### I. Evidence Based Education System (EBES)

##### 1. Title of the Practice

Evidence Based Education System (EBES)

##### 2. Objectives of the Practice

There are two main aspects of the system:

- i. To prepare and train the students to be able to access the best contemporary evidence on any matter under consideration, to be able to appraise it regarding its veracity, to be able to apply it to the given situation and to audit its outcome for future application in similar situations and research.



- ii. To initiate, implement and assess the best methods of teaching and learning as supported by recent evidences in all the academic activities of the university.

### 3. The Context

It was being observed since long that with the present system of education, the professionals being produced become blind followers rather than thinking for themselves and making their own decisions. A need of change in the system was being felt so as to impart the capacity of self-thinking, appraising and deciding in the students so that they come out more confident of facing the day to day challenges.

In the same context, our university has implemented Evidence based education system to raise professionals with skills of identifying the best evidence from the available, critically appraising it for applicability and using it according to the situation confronted.

### 4. The Practice

The university has devised a ten staged comprehensive strategy to practice EBES which is based on two fundamentals.

1. Evidence Based Education.
2. Evidence Based Practice.

#### **Ten stages of Practice are:**

**Stage-1-** Infrastructural up gradation

**Stage-2-** Faculty training programs

**Stage-3-**Teaching for UGs-through Evidenced Based Medical Education, Evidenced Based Dental Education, Evidenced Based Physiotherapy Education, Evidenced Based Pharmacy Education, Evidenced Based Nursing Education in all the years of study.

**Stage- 4-**Incorporation of Evidence Based Component in present teaching;



- a. UG : Incorporation of Evidence Based Teaching in traditional teaching, i.e.:
  - Theory (lecture series preparation and taking lectures in Evidence Based form)
  - Practical (Assignments)
  - Clinics (Role modelling and assignments)
- b. PG: Conducting Journal Clubs and ward rounds in Evidence Based form (Role modelling and assignments)

**Stage-5-**Evaluation of UG and PG students in evidence based subject.

**Evidence Based Practice:** This is practicing Evidenced Based Medicine using;

- a. Individual experience (already exists)
- b. Best available Evidence
- c. Local factors

**Stage-6-** Preparation of local treatment protocols in all subjects with best available evidence.

**Stage-7-** Validation of prepared protocols by applying them on local population and evaluating its outcome.

**Stage-8-** Modifying the prepared protocols based on the outcome of validation study on local population (Identify Local Factors)

**Stage-9-** Evaluate outcome/impact of EBES by doing Research and identifying the areas of improvement.

**Stage-10-** Applying the results of stage 9 for better implementation of EBES.

## 5. Evidence of Success

- With our experience in implementing the system, we recognised that it is a continuous procedure. Almost all the faculty in the university has been trained in the evidence based subject. Two workshops are



conducted yearly for training of the newly joined faculty and reinforcement of the previously trained faculty.

- Both UGs and PGs have been oriented to evidence based skills of searching, critically appraising and applying the suitable evidence in a situation encountered through daily theory, practical and clinical teaching.
- Evidence based local protocols have been formed for all the subjects.
- There also exists significant external recognition of our endeavor in the form of appreciation by many prominent academicians from across the globe.

## **6. Problems Encountered and Resources Required**

Evidence based practice is a relatively new field with a well defined history not going beyond quarter of a century and EBES is a totally novel system. As of today, there exist no benchmarks or validated measures of implementation and success. Hence, we had to derive our own ways to implement and achieve the milestones in the roadmap, analyse the outcomes and validate the system.

The second challenge was to mould the mindset of all involved stakeholders as EBES is not only a system; but almost a way of living. Faculty and students used to generations of conventional methods of dealing with their subjects had to undergo sustained and substantial capacity building before they could become a part of the system.

Another challenge was to provide trained manpower and infrastructure. For this, there was a need for access to computers or hand held devices for every student and faculty. There was also need for a good internet connection with good bandwidth to access data in real time. Access to good updated databases, classified according to levels of evidence was an added facility which was desirable.

The human resources needed presented a special challenge. As there exist no similar courses, all faculty as such were untrained to begin with.



The teachers and students had to be trained at the same time. This was a unique challenge – to train the trainer.

To be able to implement this radically novel system within the straight jacket of the rules and regulations of statutory councils was also another major challenge.

## 7. Notes

Almost all our courses are strictly and minutely bound by regulations of respective statutory councils. Any other institution attempting to implement this best practice is likely to run into similar problems as all are regulated by the same statutory councils. Particular local factors impeding or facilitating the implementation may vary from case to case.

## II. Continuous Cumulative Evaluation System (CCES)

### 1. Title of the Practice

Continuous Cumulative Evaluation System (CCES)

### 2. Objectives of the Practice

Following are the objectives of CCES:

- Continuous evaluation of the students on objectives of all teaching-learning activities which are expected from the students to fulfil during their learning process.
- Active participation of the students in all the activities of teaching & Learning like Lectures, Clinical Procedure performances discussion.
- To help the students to identify areas of improvement on their own and to know their present status of performance in all academic activities
- To improve attendance of students & develop culture of discipline, sense of attire and communication among students

### 3. The Context

The University identified areas to focus to implement this system and necessary actions were taken. The efforts focused on training of Teaching



staff, support staff, record keeping method, logistics required etc.

#### 4. The Practice

- The implementation of CCES in Sumandeep Vidyapeeth is augmented in this academic year through introduction of online Continuous Cumulative Evaluation at the end of every theory session on pilot basis in Dental and Medical institutions.
- The university is in process for implementing the online CCE for practicals/clinicals in Dental and Medical institutions.
- The practice of manual recording of CCE is still in force in other constituent institutions for both theory and practicals.

#### 5. Evidence of Success

- The implementation of CCES has proved that the attendance and attentiveness of the .

#### 6. Problems Encountered and Resources Required

##### Problem Encountered:

1. In past the university did not face any major problem in implementation of manual type of CCE.
2. The introduction of online CCE was not hassle free. The minor hurdles were addressed through training sessions and sensitizing programs for the students and faculty.

##### Resources Required:

1. Smart Electronic Gadgets
2. Internet enabled classrooms
3. Optimum Internet speed
4. Dedicated website portal
5. IT expert

#### 7. Notes

The practice of CCES is an efficient method with a potential to bring overall improvement in student's professional knowledge, skill & attitude.



### III. Comprehensive Feedback System

#### 1. Title

Comprehensive Feedback System

#### 2. Objectives of the practice:

- To promote & enhance stakeholder satisfaction.
- To ensure continual improvement of academic, co-academic, extra academic activities including that of healthcare services, campus support services & administrative services.
- To promote the continuous improvement in performance of teaching and non-teaching staff members.

#### 3. The context:

- During the last decade due the globalization the inter country barriers have disappeared. There is free flow of services & human resource across the countries of the globe. This has led to the enhancement of expectations for provision of quality services and quality human resource those are globally competent.
- Further the rapid changes in the development of medical, dental & allied medical sciences also make it essential that organization imbibes changing trends & inculcates the same in development of quality professionals in the service of mankind.
- In this background the university initiated the campus wide review of its services provided to the student community & the patient community who are the most important stakeholders of the organization to ascertain the quality of service provided.
- Initially university focused on students' development through classroom & hospital based teaching-learning, library, basic support services such as hostel, mess, water & sports field. Need was felt to implement the feedback system that can give the inputs on areas for further improvement mainly in student focused & patient oriented services. Therefore the practice of comprehensive feedback system was implemented.



#### 4. Practice:

Following component are identified under comprehensive feedback policy:

- A. Faculty self-appraisal
- B. Students feedback on faculty performance
- C. Patient feedback
- D. Student Feedback on Campus experience
- E. Mess/Cafeteria Feedback
- F. Alumni feedback
- G. Parents Feedback
- H. LRC feedback
- I. Curriculum Feedback
- J. Examination Feedback
- K. Orientation Feedback

These components of the feedback system address teaching learning activities, status of patient services, status of functioning of the secretarial services, hostel, mess, water supply etc.

#### 5. Evidence of success:

Implementation of Cumulative Feedback System supports student facilitation mechanism for their teaching learning process, supporting services and progression. Following actions endorse the success of feedback system in university for facilitating students:

- Appropriate counselling and arranging FDP to enhance teaching skills in small and large group class rooms.
- Upgrading infrastructure, facilities and services in LRC, examination hall, hostel, mess and sports complex to meet expectations of students.
- Upgrading infrastructure, facilities and services in hospitals for better healthcare services to the patients.





- Organizing training programmes for developing professional skills, linguistic & soft skills, life skills, arranging seminar for career development viz. higher study (Within India & Abroad), Competitive Examination (Within India & Abroad) for their progressions and starting coaching for English enrichment and competitive examinations.
- Regular and timely review and up gradation of curriculum based on feedback from prominent academicians, industry professionals/employer and alumni.

#### 6. Problems encountered & resources required:

During the course of implementation of the practice; the challenges are

- Collection of feedback via hardcopy and its manual tabulation may cause systematic error and required lots of paper work. To address this issue university has planned to explore online feedback system. To implement the online feedback system, campus wide internet facility is already made available.
- Precise level of overall satisfaction index as all the feedbacks don't have equal scale of measurements and overlapping of few services feedback. To address this issue, university has modified questioners to avoid overlapping of university services and to cover uncovered area of services feedback. The new questioners are prepared on equal 5 point scale of measurement.

#### 7.4 Contribution to Environmental Awareness / Protection

Being a Social Responsive institute, University have taken substantial actions to contribute in Environmental Awareness and Protection.

- **Awareness Seminars, Events and Initiatives:** The University has conducted various Seminars and Events for Environmental Awareness within and outside campus. It sincerely follows the "Swachha Bharat Abhiyan" of Indian Government within campus and neighbouring areas. The spreading of awareness is through displaying posters and banners in and around campus.



- **Power/Energy Conservation:** The University promotes usage of LED lights and by installing Solar Panels within University campus for Power/Energy conservation.
- **Soil and Water Conservation:** The University has established Water harvesting system and Sewage treatment plant in the campus for Soil and Water conservation.
- **Carbon Neutrality:** The University successfully made efforts towards carbon neutrality by establishing Bio-Gas plant and promoting usage of clean energy in campus. The University also encourages tree plantation activities within and outside campus.
- **Paperless Work Culture:** The University emphasizes on paper less work culture by promoting use of Information & Communication Technology (ICT). SV has adopted Online Continuous Evaluations and E-Governance practice.
- **Waste Management:** The University has system in place for disposal of various types waste products. The Standard Operating Procedure is followed stringently.
- **Radiation Safety:** The University has adopted Radiation Safety measures as per guidelines laid down by Atomic Energy Regulations Board (AERB).
- **Periodical Audits and Recognition:** The university conducts periodical Audits in all the segment of environmental friendly practice

7.5 Whether environment audit was conducted?    Yes     No

7.6 Any other relevant information the institution wishes to add.

### SWOC Analysis

#### **Strengths**

- The university has proactive, philanthropic and visionary Board of Management with prominent academicians and healthcare professionals.
- Substantial number of well experienced and qualified employees
- Strong research driven working environment with high impact inter disciplinary/multi-disciplinary/trans disciplinary sponsored Research in diverse topics
- Student centric modern Teaching & Learning methods integrated with



Evidence Based Education through excellent Information & Communication Technology support.

- Globally benchmarked curriculum developed by considering due feedback from various stake holders viz. internal and external academicians, industry and alumni.
- Strong & transparent Examination system
- Integration of Continuous Cumulative Evaluation System for student evaluation
- State of Art Infrastructure for Research, Hospital services, Teaching& Learning and Administration
- 1360 bedded well equipped tertiary care multi and super speciality Dhiraj Hospital and Dental Hospital with 350 fully equipped dental chairs, for best health services to the semi urban and rural population and to provide better and diverse clinical exposure to the students.
- Regular Faculty Development Programmes.
- Extensive Community based outreach programmes providing divergent clinical and research resources.

### **Weakness**

- Less number of Researches funding from External and Government agencies.
- Less number of Student and Faculty exchange programs
- Less number of Patents and other Intellectual Property Rights
- Less number of Consultancy services.

### **Opportunities**

- Active involvement and participation at Interdepartmental and Inter-institutional levels for collaboration in research.
- Up-gradation of Hospitals and Laboratories with NABH & NABL accreditation
- Expanding concept of Evidence Based Education and Practice to Healthcare Institutes outside Sumandeep Vidyapeeth campus.
- Development of E-Learning modules to enrich teaching learning process on virtual platform.



- Expand usage of Tele medicine and Tele dentistry for patient's services in community.
- Collaborations with various Technological Institutes for Patent generating Research.
- Explore possibilities for Multidisciplinary and Integrated Academic Programmes
- Student and Faculty Exchange programmes at National and International level

### **Challenges**

- To translate the Research in Clinical practice.
- To be the premiere research centre in Biomedical Research, especially in Genomics and Proteomics.
- To have Research leading to Patents.
- To have scientific Research Publications in high Impact Journals.
- To have Authorships for Books, Chapter Monographs etc.
- To have Robotic surgeries.

### **8. Plans for Next Academic year;**

1. To establish SBKS Medical Institute & Research Centre as Regional Medical Education Centre under Medical Council of India (MCI).
2. To enhance Student and Faculty exchange program at National and International level.
3. To promote Research by Motivating and sensitizing faculty members and students for Externally Funded Projects and Enhance Community Based and Occupational Research.
4. To initiate various speciality and super speciality treatment centres.
5. To conduct EBES / EBP themed Workshops/Training programs.
6. To enhance Industry Academic interface for more practical learning and job opportunities.
7. Updating and acquiring advance instruments for Hospitals and Research.
8. Payment Gateway for collection of Students Fees in association with ICICI bank.
9. To Commence following programmes:



- a. Integrated program in Pharmaceutical Management and Pharm. Bio technology.
- b. Short Term courses in Department of Management in area of Healthcare Entrepreneurship, Soft Skills & Personality development, Quality management and Research methods and data analysis for healthcare professionals.
- c. Skill based short term courses on Acupuncture, Electro diagnosis and early intervention.
- d. Facilitate introduction of Post-Doctoral Fellowship Programmes.
- e. To commence Career Oriented Paramedical courses under Paramedical Faculty of the University.

Name: Dr. Chandramani B. More

Sign. of IQAC Director / Co-ordinator:

**Date:** July 30, 2016