



**Dr. D. Y. Patil Vidyapeeth, Pune**  
**(Deemed to be University)**

**(Re-accredited by NAAC with a CGPA of 3.62 on a four point scale at A Grade)**  
**(An ISO 9001: 2008 Certified University)**

**Annual Quality**  
**Assurance Report**  
**(AQAR) – 2015-16**

**Submitted to**

**National Assessment and Accreditation Council,**  
**Bengaluru, India**

# The Annual Quality Assurance Report (AQAR) of the IQAC

(1<sup>st</sup> July 2015 to 30<sup>th</sup> June 2016)

## Part – A

AQAR for the year (*for example 2013-14*)

2015-16

### 1. Details of the Institution

1.1 Name of the Institution

Dr. D. Y. Patil Vidyapeeth, Pune

1.2 Address Line 1

Sant Tukaram Nagar

Address Line 2

Pimpri

City/Town

Pune

State

Maharashtra

Pin Code

411018

Institution e-mail address

info@dpu.edu.in

Contact Nos.

(020) 27805000 / 27805001

Name of the Head of the Institution:

Dr. P. N. Razdan

Tel. No. with STD Code:

(020) 27805011

Mobile:

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHCogn 18879)

**OR**

1.4 NAAC Executive Committee No. & 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)

1.5 Website address:

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

### 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.08	2009	5 Years
2	2 <sup>nd</sup> Cycle	A	3.62	2015	5 Years
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY

**1.8 AQAR for the year****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))**

- i. AQAR 2011 submitted to NAAC on 15/04/2013
- ii. AQAR 2012 submitted to NAAC on 15/04/2013
- iii. AQAR 2013-14 submitted to NAAC on 11 / 10 /2014
- iv. AQAR 2015-16 submitted to NAAC on 31/05/2017

**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)

**Biotechnology & Bioinformatics**

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

Not Applicable

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

**CSIR - SIRO**

UGC-COP Programmes

## **2. IQAC Composition and Activities**

2.1 No. of Teachers

15

2.2 No. of Administrative/Technical staff

04

2.3 No. of students

36

2.4 No. of Management representatives

02

2.5 No. of Alumni

03

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

04

2.9 Total No. of members

66

**2.10 No. of IQAC meetings held****2.11 No. of meetings with various stakeholders:**

No.  Faculty   
 Non-Teaching Staff  Students  Alumni  Others

**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.  International  National  State  Institution Level

(ii) Themes

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

1. Initiated the revision of Standard Operating Procedures (SOP) by various committees.
2. Preparation of comprehensive quality improvement program in academics.
3. Research:
  - a. Improvement of quality of research through refining and redefining quality parameters for research as proposed by International and National authorities.
  - b. Inclusion of Bioethical Principles in research as proposed in UNESCO's "*Universal Declaration on Bioethics and Human Rights*".
  - c. Conduction of **statistics and research methodology workshops** for teaching faculty members and post graduate students.
  - d. Financial assistance for research and publications.
4. Academics:
  - a. Regular microteaching sessions for teaching faculty to enhance teaching skills.
  - b. Vertical and horizontal integrated teaching.
  - c. Training of teaching faculty on new audio-visual aids.
  - d. Training of teaching faculty on Bioethical teaching in view of new bioethics curriculum incorporated in various institutions.
5. **M. Optometry course** started from academic year 2015-16.
6. Regular training of all teaching, non-teaching staff, students, nurses and other hospital staff on **Infection Control Processes and 'Hand Hygiene'**.
7. Student Mentorship Program involving student Counselling sessions.
8. Assessment/Feedback by students, parents and alumni on academic and other quality related institutional processes.

**Enterprise Resource Planning (ERP)**

9. Hospital Information System (HIS)
10. ISO 2009 Certification

## 2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

Sr.no.	Plan of Action	Achievements
1	Preparation for MCI inspection for renewal of permission for 5 <sup>th</sup> batch of 250 students	Granted permission by MCI and Ministry of Health Govt. of India. <u>MCI Letter No.</u> MCI -37(1)(RI-55)(UG)/2015-MED./136929 dated 05-10-2015  <u>Govt. of India letter No.</u> U.12012/670/2015-ME-1 dated 23-11-2015.
2	<ul style="list-style-type: none"> <li>• Preparations for various PG Degree / Diploma Recognition inspections by MCI</li> <li>• New course of M. Optometry</li> </ul>	<ul style="list-style-type: none"> <li>• The inspections have been conducted by MCI in September -2015, permission granted.</li> <li>• M. optometry started with cornea and contact lens; and low vision aids and rehabilitation</li> </ul>
3	Improvement in Hospital and Laboratory Infrastructure	<ul style="list-style-type: none"> <li>• Majority of wards have been shifted to the New Hospital Building.</li> <li>• Room for digital mammography.</li> <li>• Room for dialysis.</li> <li>• 128 slice CT Scan machine</li> </ul> New Research labs: <ul style="list-style-type: none"> <li>• Cancer and Translational Research Lab.</li> <li>• Molecular Biology and Genetics Lab.</li> <li>• Protein Biochemistry Lab.</li> </ul>
4	Purchase of New Equipment	College : Rs. 27,00,48,000/- Hospital : Rs. 22,28,87,191/- ----- Total : Rs. 49,29,35,191/- =====
5	Faculty Development Programmes	Faculty trained in 2015-16 : 150
6	To promote research culture among faculties	DPU and external (ICMR/DST) funding for research received by various institutions.
7	Incentives and Motivation for research Publication	Cash incentives are given for research publications. International Rs. 5000/- per article and national Rs. 3000/- per article.  Total Publications in 2015-2016 : 287+156d National :- 178+79d International :- 109+74d Others :- 3d
8	To Improve Student attendance in classes.	a) Student Counselling session b) Reward in the form of internal assessment marks c) Power points with Clinical Case Illustrations.
9	To improve the quality of Teaching.	a) Assessment of staff by Student b) Encouraging Staff to Attend Teacher training Programme c) Micro teaching Sessions d) Conducting integrated Teaching.

10	Student exposure to the state of the art Knowledge.	a) Inviting renowned Faculty for the Guest Lectures. b) Holding Webinar meets c) Encouraging Students to attend the Conferences
11	Promoting the staff to attend Conferences and Symposium.	a) Providing Financial Assistance.

\* Attach the Academic Calendar of the year as **Annexure 1**.

Whether the AQAR was placed in statutory body    Yes  No

Management     Syndicate     Any other body

Provide the details of the action taken

- |   |
|---|
| <ul style="list-style-type: none"> <li>• Regular updation of records.</li> <li>• Preparation and revision of SOPs.</li> </ul> |
|---|



## 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	6	0	6	0
PG	46	0	46	0
UG	9	0	9	0
PG Diploma	12	0	12	0
Advanced Diploma	0	0	0	0
Diploma	0	1	1	0
Certificate	10	0	10	13
Others	7	0	7	0
<b>Total</b>	<b>90</b>	<b>1</b>	<b>91</b>	<b>13</b>
Interdisciplinary	2	0	0	0
Innovative	1	0	0	0
L.D. systemic Review	0	1	0	0

\* *The Clinico Pathological Conferences and Clinical Meetings are held monthly.*

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

- **GBSRC:**
  - Optional papers right from the 1<sup>st</sup> semester
  - Innovative Teaching-Reading-Presentations method of teaching

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	19
Trimester	03
Annual	64

**1.3 Feedback from stakeholders\*** Alumni  Parents  Employers  Students   
(On all aspects)

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

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

- Inclusion of **Bioethics Curriculum** based on UNESCO's Universal Declaration on Bioethics and Human Rights.
- Restructuring of syllabi
- Inclusion of '**Hand Hygiene**' lectures and practical in Microbiology syllabus for MBBS Students.
- Inclusion of historical aspects and recent advances
- Competency based learning
- Integrated teaching
- Problem based learning
- Introduction to statistical packages for UG and PGs
- Skill Lab exercises.
- Pharmacovigilance – Sensitising the students to the concept of Adverse Drug Reactions (ADR) monitoring. b) Learning injection techniques on mannequins.
- The live animal experiments have been replaced by computer simulated learning.
- Ward rounds.
- Added recently modified sections of Indian Penal Code & Criminal Procedure Court & Collection, Preservations and Dispatch of specimens for Blood, etc.
- UG Syllabus inclusion of lecture on Disaster and mass casualty management and interventional radiology.
- Training in bioethics
- Training in emerging infections.
- Shuffling of Subjects in UG to fulfil learning needs based on INC requirements.
- PG & UG - Semester Pattern system
- Revision of syllabus as per the needs of research & industrial needs.
- Revision of syllabus relevant to current trends in biotechnology and bioinformatics.
- Choice based Credit system with semester pattern was implemented from academic year 2015-2016 for BPT & MPT curriculum/Syllabi. This was mainly done to shift the focus from teachers centric to learner centric and it is more transparent and compatible.
- BPT and MPT curriculum is planning to update by adding Bio-ethics from the academic year 2016-17
- Syllabus is revised as per the industry standards and requirements.
- There is going to be the addition to the existing specializations. Currently there are 8 specializations in MBA program. From August 2016, one more specialization i.e. Operations & supply chain management will be added.

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

**Institute of Optometry started:**

- A. PG course: Masters in Optometry (M. Optom)
- B. Special clinics: i. Contact lens  
ii. LVA and Rehabilitation

## Criterion – II

### 2. Teaching, Learning and Evaluation

#### 2.1 Total No. of permanent faculty:

Total	Asst. Professors	Associate Professors	Professors	Others
740	235	105	149	251

#### 2.2 No. of permanent faculty with Ph.D.

Sr.No	Institute	PhD
1.	Medical	09
2.	Dental	02
3.	Physiotherapy	01
4.	Nursing	04
5.	Optometry	00
6.	Biotechnology	19
7.	GBSRC	08

#### 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
73	20	11	11	7	6	128	15	219	52

#### 2.4 No. of Guest and Visiting faculty and Temporary faculty:

No.of. Guest Faculty	Visiting faculty	Temporary faculty
42	29	9

#### 2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/	47	323	635
Presented papers	23	55	24
Resource Persons	09	65	96

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

- Integrated Teaching : Horizontal and vertical integrated teaching programmes.
- Mock Court Procedures
- Problem based learning
- Case Based Learning
- Evidence based medicine.
- OSCE and OSPE.
- Small group teaching
- Visit to various Institution such as water works, blind schools, etc.
- Evaluation on daily basis on all PG teaching programmes
- Structured skill based programmes in skill labs for UG, PG & Interns
- Six monthly review.
- Animations, videos and photographs are used for teaching
- Microteaching
- Enterprise Resource Planning (ERP)
- The Institute has developed its own ERP
- Teachers upload Lesson plan and Power Point Presentations
- These can be accessed by the students
- Provides self-study approach towards the curriculum
- Useful resource material for review before examination
- Systemic Review As LD has been introduced for M.D.S. Part I students during the academic year 2016-17 for the first time. Step by step Teaching learning session were conducted (one per month). Monitoring of the professors was done very month. The systemic review in due for submission in December 2016.
- Learning is made student-centric as Local Area Network (LAN) is made available which helps in e-learning
- Workshops, CMEs, Conferences, guest lecture attended by the staff helps in learning activities adopted by the faculty that contributes to holistic development and improved student learning.
- Experts are invited from time to time to deliver lectures on various topics such as mobilization technique – Manual Therapy, Aerobic training, Power yoga, Antenatal postnatal fitness training, Personality development, Learn to Meditate.
- Innovative teaching approaches adopted by faculty like animated videos helps the student in learning.
- Online examination (STE), Tele-classroom.

**2.7 Total No. of actual teaching days during this academic year:**

Sr.No	Name of the College	Actual Teaching Days
1	Dr. D. Y. Patil Medical College	281
2	Dr. D. Y. Patil Dental College	263
3	Dr. D. Y. Patil College of Physiotherapy	UG-245 , PG-249
4	Dr. D. Y. Patil College of Nursing	242
5	Dr. D. Y. Patil Institute of Optometry and Visual Sciences	243
6	Dr. D. Y. Patil Biotechnology and Bioinformatics Institute	211
7	Global Business School and Research Centre	203

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

<ul style="list-style-type: none"> <li>• OSCE, OSPE for internal assessment and ward learning examination.</li> <li>• One liner in place of MCQs.</li> <li>• Structured LAQs (Long Answer Question)</li> <li>• Ward rounds in clinical subjects for PG examinations.</li> <li>• Formative and summative internal assessment</li> <li>• Uniformity in patter of question paper with one compulsory problem-based question.</li> <li>• Clinical problem questions in pre-clinical subjects.</li> <li>• Structured LAQs</li> <li>• <i>Online monthly examination (Total - 91)</i></li> <li>• Moderation</li> <li>• Bar Coding.</li> <li>• Student trial exam/IACLE &amp; Mastermind – Online</li> <li>• Double evaluation started for university examination</li> <li>• Continuous evaluation &amp; end semester examination @ 40:60.</li> </ul>
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**2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop:**

Sr. No	Name of the College	Curriculum restructuring	Revision	Syllabus development
1	Dr. D. Y. Patil Medical College	51	05	05
2	Dr. D. Y. Patil Dental College	35	16	28
3	Dr. D. Y. Patil College of Physiotherapy	05	05	10
4	Dr. D. Y. Patil College of Nursing	05	05	05
5	Dr. D. Y. Patil Institute of Optometry and Visual Sciences	07	07	05
6	Dr. D. Y. Patil Biotechnology and Bioinformatics Institute	15	15	15
7	Global Business School and Research Centre	12		

### 2.10 Average percentage of attendance of students:

Sr. No.	Name of the College	Percentage of Attendance of Students	
		UG	PG
1.	Dr. D. Y. Patil Medical College	75% (Th.=75%, Pr=80%)	95%
2.	Dr. D. Y. Patil Dental College	80%	96%
3.	Dr. D. Y. Patil College of Physiotherapy	More than 80%	
4.	Dr. D. Y. Patil College of Nursing	More than 80%	
5.	Dr. D. Y. Patil Institute of Optometry and Visual Sciences	75%	
6.	Dr. D. Y. Patil Biotechnology and Bioinformatics Institute	75 %	
7.	Global Business School and Research Centre	75%	

### 2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
<u>Undergraduate : MBBS</u>						
First MBBS – July 15	244	8%	52%	NA	NA	40%
First MBBS – Sept. 15	68	-	2%	-	-	-
Second MBBS – Nov. 15	273	6%	50%	NA	NA	44%
3 <sup>rd</sup> MBBS : Part I (Nov.15)	226	4%	43%	NA	NA	53%
Final MBBS (Nov.15)	142	Nil	45%	NA	NA	55%
Final MBBS (Feb. 16)	21	-	-	-	-	100%
<u>Postgraduate Degree :</u>						
MD Anatomy	-	-	-	-	-	-
MD Physiology	2	-	-	100	-	100
MD Biochemistry	3	-	33	67	-	100
MD Pharmacology	3	3	67	33	-	100
MD Pathology	8	-	12	88	-	100
MD Microbiology	-	-	-	-	-	-
MD PSM	1	-	100	-	-	100
MD FMT	-	-	-	-	-	-
MD Medicine	15	-	13	87	-	100
MD Paediatric	12	-	25	58	-	83
MD Psychiatry	3	-	67	33	-	100
MD Pulmonary Medicine	3	-	-	67	-	67
MD Skin & VD	7	-	42	42	-	84
MS Surgery	13	-	31	46	-	77
MS Orthopaedics	7	-	-	71	-	71
MS Ophthalmology	6	-	83	17	-	100

Title of the programme	Total No. of Students	Division				
		Distinction %	I %	II %	III %	Pass %
MS ENT	3	-	67	33	-	100
MS Obst. & Gynaecology	9	-	-	100-	-	100
MD Anaestehsiology	7	-	14	71	-	85
MD Radiology	11	-	64	36	-	100
MCh Neurosurgery	1	-	100	-	-	100
MCh Urology	1	-	-	100	-	100
DM Nephrology	1	-	-	100	-	100
<u>Postgraduate Diploma :</u>						
DGO (Obst. & Gynaecology)	3	-	67	33	-	100
D. Ortho. (Orthopaedics)	3	-	-	100	-	100
D. O. (Ophthalmology)	2	-	-	100	-	100
D.L.O. (ENT)	1	-	100	-	-	100
D.C.H. (Paediatrics)	3	-	-	100	-	100
D.A. (Anaesthesiology)	2	-	-	100	-	100
D.M.R.D. (Radiology)	2	-	50	50	-	100
D.D.V.L. (Skin & VD)	2	-	50	50	-	100
D.C.P. (Pathology)	2	-	100	-	-	100
D.P. H. (PSM)	1	-	-	100	-	100
D.P. M. (Psychiatry)	1	-	100	-	-	100
D.T.C.D. (Pulmonary Medicine)	1	-	100	-	-	100
I BDS - Nov 2015	26	-	02	23	-	96.15 %
II BDS - Nov 2015	17	-	01	16	-	100%
III BDS - Nov 2015	19	-	04	14	-	94.73 %
IV/I BDS - Nov 2015	101	-	43	51	-	93.06 %
IV/II BDS - Nov 2015	37	-	05	24	-	78.37 %
BPT (June-2015)	248	00	48.42	51.58	-	76.61
MPT(June-2015)	36	-	56.52	43.48	-	97.22
BPT (Dec-2015)	178	5.55	52.08	11.12	31.25	80.89
MPT(Dec-2015)	38	5.40	86.49	2.71	5.40	97.36
B.Sc.Nursing	193	5.18	72	18.13	0	95.4
P.B.B.Sc.Nursing	46	4.34	39	2.17	0	100
M.Sc.Nursing	29	30.96	58.48	3.44	0	96.66
Optometry I year	40	2	5	15	11	82%
Optometry II year	33	2	3	10	16	93%
Optometry III year	33	1	5	18	-	72%
Optometry IV year	26	-	4	17	-	87%
B.Tech Biotechnology	212	42.00	36.00	15.00	Nil	97.00
B.Tech Medical Biotechnology	56	33.00	33.00	12.00	Nil	98
M.Tech (Integrated Biotechnology)	136	50.0	40.00	8.00	Nil	98
M.Sc. Biotechnology	50	29.00	21.00	50.00	Nil	100
MBA	61	-	-	-	-	100



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

- Feedback from stake holders.
- Interaction with faculty for suggestion in improvement.
- Participation in Medical Education Technology (MET) meetings.
- Guest Lectures on curricular aspects.
- Students were evaluated from time to time to know their understanding level
- Internal examinations are conducted twice in a year for undergraduates –Terminal and Preliminary for annual pattern and unit test and prelims for semester pattern Examinations.
- Apart from this, undergraduate students are assessed regularly by conducting surprise tests, ward exams, quiz, case presentations, Journal writing, assignments
- For Postgraduate students prelim examination was conducted during each semester period.
- It is necessary to maintain log book and they are assessed as per the requirements of the log book. Seminars, teaching activity, journal clubs, assignments, case presentations, camps, marks in the internal assessment examination are recorded in the log book.
- Summative Assessment:- Undergraduate students are assessed at the end of every academic year / semester and Postgraduate students are assessed at the end of two years/ semester by conducting university theory and practical examination.
- Directly benefited in all Academic Process & Learning Process/ Examination & Assessment.
- IQAC conducts meeting to apprise about the achievement and scope of improvement in the teaching and learning process.

## 2.13 Initiatives undertaken towards faculty development:

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	441
UGC – Faculty Improvement Programme	05
HRD programmes	02
Orientation programmes	149
Faculty exchange programme	01
Staff training conducted by the university	172
Staff training conducted by other institutions	349
Summer / Winter schools, Workshops, etc.	106
Others	106

## 2.14 Details of Administrative and Technical staff

<b>Category</b>	<b>Number of Permanent Employees</b>	<b>Number of Vacant Positions</b>	<b>Number of permanent positions filled during the Year</b>	<b>Number of positions filled temporarily</b>
Aminisrative Staff	124	3	5	24
Technical Staff	196	5	1	5

## Criterion – III

### 3. Research, Consultancy and Extension

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

- Formulation of Research Advisory Board
- Establishment of State-of-Art Research Centre with Sophisticated equipment exclusively for research.
- Formulation of Standard Operating Procedures for Research Unit.
- Incentives for faculty, PG students and UG students for publication of International and national papers.
- Deputation of faculty, PG students and UG students for attending international/national and state level conferences.
- Motivation of UG students to undertake ICMR short term research projects.
- Research Methodology Workshops-synopsis writing / dissertation writing /guidelines for publication.
- Motivation of faculty to undertake major research projects - ICMR/DST/DBT/ UGC, etc.
- Structured Pre-Ph.D. Course
- Well established Anti plagiarism policies and use of standard plagiarism check software to detect plagiarism in all PG thesis.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	12	66	14	14
Outlay in Rs. Lakhs	148.33	509.14	61.00	2089.50

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	30	41	16	26
Outlay in Rs. Lakhs	0.45	4.74	1.17	1.30

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	225	266	5
Non-Peer Review Journals	1	5	1
e-Journals	10	2	2
Conference proceedings	12	37	13

#### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	5 years	John Hopkins/DPU/Wyeth limited,/WHO/CSIR-IGIB/ITI-switzerland/DST/FORMAS-Swedish research council/ Nestle/	364.714 lakhs	149.18 lakhs
Minor Projects	1 year	ICMR/DPU/Institute	1.45 lakhs	-
Interdisciplinary Projects	1 year	Institute	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	7 years	DPU	253.84 lakhs	144.74 lakhs
Students research projects <i>(other than compulsory by the University)</i>	1 year	ICMR	3.2 lakhs 10,000/- each for 32 projects	3.2 lakhs
Any other(Specify) (Travel Grant)	1 year	EAO	22.624 lakhs	22.624 lakhs
<b>Total</b>			<b>645.828</b>	<b>319.744</b>

**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**

**3.11 No. of conferences**

organized by the Institution

Level	International	National	State	University	College
Number	7	7	6	6	141
Sponsoring agencies	DPU				

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency  From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	3
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the institute in the year

Total	International	National	State	University	Dist	College
14	4	5	1	3	-	1

3.18 No. of faculty from the Institution who are Ph. D. Guides   
and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

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

- 96 Health check-up multi-diagnostic camps
- 22 Blood donation camps.
- Eye screening camps: 15
- Others: 28

NCC

NSS

Any other

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

- Tooth brushing day ,World Health Day , World Hepatitis day organized by the college
- Vaccination programme for Hepatitis B
- Evening Dental Clinic (EDC) facility available for industrial workers and office goers
- Extension Dental OPD in D. Y. Patil Hospital and Ayurvedic college.
- 4 Satellite Dental Clinics at Alandi, Chakan, Yarwarda and Kamshet.
- Treatment centre at Yerwada Central Jail caters to the inmates.
- Offering Community oriented dental treatments Free dental treatment camps.
- Mobile Dental Clinic.
- College provides treatment at concessional rates.
- Special concession (25% to 100%) on treatment charges, which accounts for 10% annual revenue generated.
- All major Maxillofacial surgeries are FREE of cost.
- Free Dental treatment for all teaching and non-teaching staff and their family members.
- International Day of Yoga
- Cerebral Palsy Screening
- Breast feeding awareness week
- Physiotherapy Camp in Industry
- Fitness Screening Camp
- Osteoporosis Screening Camp
- Blood Donation Camp
- Physiotherapy for participant of Oxfam Trail Walk
- Awareness lecture on Breast and Cervix Cancer
- Environmental safety and cleanliness program
- Pulse Polio immunization campaign and health awareness programmes
- Workshop on AIDS Awareness.
- Volunteers participated in the “CHAKACHAK PUNE”. They cleaned the roads, college campus and also created awareness about waste disposal management through poster’s and slogans.
- Workshop on „Water Conservation“ and conducted Essay and Slogan Writing Competitions, Elocution and Poster Painting Competitions.
- Lecture on Environmental Awareness
- Students and faculty members visited slum area and guided them regarding their health, education & family problems.
- A Lecture was taken regarding the dowry system and A drama was also shown on the occasion
- Awareness Program organized by GBSRC on “ To fight against sexual harassment.....”. All the female faculty members and students of constituent institute of Dr. D.Y. Patil Vidyapeeth, Pune participated in the same.

10/07/2015	Safe Motherhood Day	Exhibition
28/07/2015	World Hepatitis Day	Role Play
01/08/2015	World Breast Feeding Awareness Week	Poster Exhibition
21/09/2015	World Alzheimer's Day	Puppet Show
29/09/2015	World Heart Day	Exhibition
10/10/2015	World Mental Health Day	Street Play
15/10/2015	World Obesity Awareness week	Lecture
16/10/2015	World Food Day	Demonstration
10/11/2015	World Immunisation Day	Exhibition
14/11/2015	World Diabetes Day	Screening Cum Exhibition
01/12/2015	World AID's Day	Rally for awareness
04/02/2016	World Cancer Day	Role Play& Exhibition
15/03/2016	World Disabled Day	Exhibition
24/03/2016	World TB Day	Role Play
07/04/2016	World Health Day	Exhibition
24/04/2016	World Meningitis Day	Lecture
07/05/2016	World Asthma Day	Exhibition



## Criterion – IV

### 4. Infrastructure and Learning Resources

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

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	42.5 Acres	-	-	42.5 Acres
Class rooms	50	6	DPU	56
Laboratories	68	23	DPU	91
Seminar Halls	46	4	DPU	50
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	1281	47	DPU	1328
Value of the equipment purchased during the year (Rs. in Lakhs)	3899.44	544.33	DPU	4443.77
Others	11 Museum	-	-	11 Museum

#### 4.2 Computerization of administration and library

- Faculty Profile
- Students Profile
- Patient Registration
- Admission
- Examinations result
- Issue of Certificates
- Online books and journals retrieval

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	36362	37323355	2777	5632933	39140	42956288
Reference Books	16489	23557412	924	3527725	17413	27030893
e-Books	224	0	0	0	224	0
Journals	397	14581825	205	8652765	588	23234559
e-Journals	1819	97302	300	65000	2085	135002
Digital Database	1	568415	0	0	0	568415
CD & Video	2328	5020	167	0	2428	5020
Others (specify)	429	0	37	0	456	0

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	827	77	Available	6	5	57	375	2
Added	17	0	7	0	0	4	0	0
Total	844	75	Available	5	4	61	375	2

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

- Internet access to each department, section and lecture theatres and hospital campus.
  - LAN and Wi-fi connectivity
  - E-learning facility for the students as well as faculty.
  - Virtual Class room facility in Lecture Halls.
  - Training by IT Department
  - Computer Assisted Learning (CAL)
    - The University has deployed the Proprietary software with the help of VLSC open licensing Campus agreement of Microsoft.
  - Webinars
  - ERP
  - Lesson Plan
  - Student Feedback
  - HIS – Hospital Information System
- UG and PG students during their first year learn about computer in details.

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

i) ICT	86.032
ii) Campus Infrastructure and facilities	430.952
iii) Equipments	45.4
iv) Others	267.83

**Total :** 830.214 Lakhs

## Criterion – V

### 5. Student Support and Progression

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

Yes, the Institution has a system for student support and mentoring. There are various committees formulated for benefit of student-

- Anti Ragging Committee
- Anti Ragging Squad
- Grievance Redressal Cell
- Prevention of Gender Harassment Committee
- Website Committee
- Student Council
- Physical Education Committee
- Library Committee
- Infection control committee – Hepatitis B Vaccination Programme.

These Committees meet regularly and formulate various policies. Students' representatives are nominated by the Dean on each of above Committee.

Zero dental problems is a program introduced for dental studies in the year December 2014. Every year the oral examination is conducted and the student is motivated to take the necessary treatment. This is repeated every year for five treatments.

When the student in the college with the idea that when the student graduate he/ she will have Zero dental problems.

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

Following events are regularly organized for students:

- Mentorship Program
- Website
- Email
- Telephonic calls
- Alumni meet
- Directory
- Summative and formative Evaluation for academic purpose.

**5.3 (a) Total Number of students**

UG	PG	Ph. D.	Others
2573	942	115	-

**(b) No. of students outside the state**

1586

**(c) No. of international students**

71

Men	No	%	Women	No	%
	33	46.48		38	53.52

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2574	99	31	320		3024	2921	121	20	313	-	3365

**Demand Ratio and Drop out Academic Year 2015-16**

Course Name	Demand Ratio	Drop Out
S. Speciality	1 : 1	Nil
AIPGMET	1 : 3	Nil
AIPGDET	1 : 3	Nil
MBBS/BDS	1 : 10.2	0.7-1 %
BPT	1 : 3	Nil
B.Optom	1 : 1.5	Nil
B.Sc. Nsg	1 : 1.6	Nil
PB.B.Sc. Nsg	1 : 1.5	3%
Biotechnology	1 : 4	2-3%
MPT	1 : 3	Nil
M.Sc. Nsg	1 : 1.5	Nil
M.Sc. Biotechnology	1 : 2.5	Nil
MBA	1 : 1	Nil

#### 5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Guidance for student appearing for competitive examinations such as USMLE, PLAB. There is a positive response to the extent of 50% attendance for the sessions, out of which around 60% are able to succeed at the USMLE exam at the first attempt.
- Students have also been given coaching for NET / GATE exam
- Aptitude tests are taken for improvement of mathematical and reasoning ability of students
- IELTS (International English Language Testing System) for Nursing Students which facilitates overseas placements.

No. of students beneficiaries

1

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

NET	<input type="text" value="4"/>	SET/SLET	<input type="text"/>	GATE	<input type="text" value="2"/>	CAT	<input type="text"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text" value="USMLE: 1&lt;br/&gt;DMER: 30 Nursing"/>

#### 5.6 Details of student counselling and career guidance

- Mentorship system: Regular counselling sessions are arranged for the students. Senior faculty members look after this activity.
- Counselling: Academic and Social
- Remedial drills for slow learners.
- Formative Evaluation
- Mid-diagnostic survey
- Doubt clearing sessions
- E-communication and letters to parents regarding student performance
- Letter to parents regarding student performance
- Psychological counselling for students
- CMEs, Guest Lectures, Seminar and Discussions
- Mind relaxation strategy like Personality Development, Guest Lectures by Brahmakumaris and Art of Living.
- Career guidance and placement committee meeting were held.
- Career guidance and placement expert delivered seminars/workshops.
- Summer training programs.

No. of students benefitted

2847

## 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
38	176	127	45

## 5.8 Details of gender sensitization programmes

- The institute conducts various programmes like Debates, Guest Lectures, Role Plays with the help of students council to spread the social message of sexual harassment and gender related issues.
- A Woman Grievance Redressal Cell is in place and has been constituted as per Hon'ble Supreme Court Judgement. The Cell takes note of all the complaints and acts appropriately.
- Celebration of International Women's Day

## 5.9 Students Activities

### 5.9.1 No. of students participated in Sports, Games and other events

State/ University level  National level  International level

No. of students participated in cultural events

State/ University level  National level  International level

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

Sports : State/ University level  National level  International level

Cultural: State/ University level  National level  International level

### 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	15	54,16,000
Financial support from government	87	21,75,000/-
Financial support from other sources	03	1,81,000/-
Number of students who received International/ National recognitions	-	-

### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: No Grievances

## Criterion – VI

### 6. Governance, Leadership and Management

#### 6.1. State the Vision and Mission of the institution

**Vision:**

*"To help build an enlightened, culturally and economically vibrant India developed through education in diverse disciplines".*

The planning and execution of the functioning activities of the University revolve around the Vision and Mission which have been effectively conveyed to all the stakeholder segments of the institution through the effective involvement and Intersectoral co-ordination and contribution of Heads of the Department & the Faculty who guide the students in their academic and extra-curricular activities. Although a dynamic curriculum is the predominant feature of the autonomous status of the University, the quality of the education imparted to students is monitored internally through various checks and balances.

**Mission:**

*"To contribute to the socio-economic and ethical development of the nation, by providing high quality education through institutions that have dedicated faculty and state-of-the-art infrastructure, and are capable of developing competent professional and liberal-minded citizens".*

With this mission Dr. D. Y. Patil Vidyapeeth, Pune, has been providing high quality education in the Faculties of Medicine, Dentistry, Physiotherapy, Nursing, Biotechnology & Bioinformatics, and Management through its seven institutions. In each programme the University ensures the provision of high quality education, the pursuit of knowledge and the creation of new ideas.

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

Software Development Cell, a department under the University, develops need-based software systems. It has developed CampusERP system for the University and its constituent colleges. Most of the modules of CampusERP have been developed and are in use.

**CampusERP**

Modules that have been implemented:

- |   |  |
|---|--|
| <ul style="list-style-type: none"><li>● Faculty/Staff Management<ul style="list-style-type: none"><li>○ Staff Profile</li><li>○ Staff Attendance</li><li>○ Leave Management</li></ul></li></ul> | <ul style="list-style-type: none"><li>● Student Management Module<ul style="list-style-type: none"><li>○ Time Table</li><li>○ Availability of Lesson Plans</li><li>○ Lecture Details</li></ul></li></ul> |
|---|--|



<ul style="list-style-type: none"> <li>○ Notices/ Circulars</li> <li>○ Time Table</li> <li>○ Lecture taken Details</li> <li>○ Lesson Plan</li> <li>○ Marking of Student Attendance</li> <li>○ Student/ Faculty Interaction</li> <li>○ Student Feedback</li> <li>○ Lecture Resources uploading</li> <li>○ Mentor allocating</li> <li>○ Browsing Library through OPAC</li> <li>○ Library transactions</li> </ul>	<ul style="list-style-type: none"> <li>○ Student Attendance</li> <li>○ Feedbacks</li> <li>○ Resources uploaded by Faculty</li> <li>○ Online Library access through OPAC</li> <li>○ Online Examinations/ Online Assessment</li> <li>● Alumni Management</li> <li>● Stores Management</li> <li>● Vehicle Management</li> <li>● Payroll Management</li> <li>● Hostel management</li> <li>● Communication Management</li> <li>● Library Management</li> </ul>
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Software Development Cell has initiated action for development of Hospital Management Systems (HIS) for the Medical and Dental Hospitals.

<p><b>Medical HIS</b></p> <ul style="list-style-type: none"> <li>● Registration Counter</li> <li>● Casualty</li> <li>● Billing Counter</li> <li>● MRD</li> <li>● IPD Pharmacy</li> <li>● OPD Pharmacy</li> <li>● Ward Management</li> <li>● Radiology</li> <li>● Consultant Module</li> <li>● Stores and Purchase</li> <li>● Central Laboratory</li> <li>● HR Management</li> </ul>	<p><b>Dental HIS</b></p> <ul style="list-style-type: none"> <li>● Registration Counter</li> <li>● Complete Patient Profiling in OMDR</li> <li>● Billing Counter</li> <li>● MRD</li> <li>● Stores and Purchase</li> <li>● Detailed Patient History in all Departments</li> <li>● Pathology</li> </ul>
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**6.3. Quality improvement strategies adopted by the institution for each of the following:**

**6.3.1 Curriculum Development**

<ul style="list-style-type: none"> <li>● Encouragement for small group teaching.</li> <li>● Updation of syllabi for UG/PG and PhD programmes.</li> <li>● Introduction to statistical packages.</li> <li>● Need Based Assessment</li> <li>● Periodic Feedbacks</li> <li>● Evidence based medicine</li> </ul>
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- Well structured Board of Studies, Academic Council and Faculties.
- Involvement of Alumni, parents and industry experts.
- Global and National Initiatives through STE, Mastermind program through Webex IACLE etc.

### 6.3.2 Teaching and Learning

- Doubt clearing sessions.
- Research Methodology Workshop
- Feedback from stake holders.
- E learning
- Virtual class room
- Lesson Plans
- Language classes for needy students
- Mentorship programme
- Remedial drills.
- Orientation program
- Problem Based Learning
- Integrated teaching programs
- Micro teaching sessions
- Encouraging students to attend regional, national & International conferences
- Wall magazine activity
- Journal Clubs
- Skill Lab Exercises
- Field trips and industrial visits
- Tie up with an organization called XED Intellect which takes regular Business quiz and aptitude quiz from students throughout the academic year on regular basis and have a dedicated website for updating their current business affairs knowledge.

### 6.3.3 Examination and Evaluation

- Plagiarism check for thesis using special software
- Continuous internal assessment programme (Formative and Summative Evaluation).
- Structured long answer questions.
- Adequate weightage for objective type questions.
- Adequate weightage for Attendance
- Ward Rounds as a method of evaluation for PG examination.
- Subject Assignments.
- Quizzes

#### 6.3.4 Research and Development

- Research Awards (Rs. 40,000/-) and Young Researcher Award (Rs. 20,000/-)
- Incentive for research publication at international and national level. Rs.5000/- for international and Rs.3000/- for national paper publication.
- Encouragement is given to the **Faculty/PhD/PG & UG students to undertake research in various fields** of their interest
- Research Advisory Board
- Research Centre / facilities
- Formulation of Research Policy Document
- Committees:
  - Research and Recognition Committees
  - Vidyapeeth Ethics Committee registered with DCGI
  - Scientific Committee
  - Clinical Trials
  - Animal Ethics Committee
- ICMR Guidelines
- Collaborations (National / International)
- Incentives given to faculty/students to attend International and national conferences.
- Workshop on Research Methodology for faculty and students.

#### 6.3.5 Library, ICT and physical infrastructure / instrumentation

##### **Library:**

<b>Library</b>	<b>No.</b>	<b>Value</b>
Text Books	39,140	4,29,56,288
Reference Books	17,413	2,70,30,893
e-Books	224	0
Journals	588	2,32,34,559
e-Journals	2,085	1,35,002
Digital Database	0	5,68,415
CD & Video	2,428	5,020
Others (specify)	456	0

**ICT:** 844 Computers

### 6.3.6 Human Resource Management

- Deputations for Special Trainings / Seminars / Workshops
- Training sessions in ICT / ET
- Induction Programmes
- Workshops on Stress Management, Time Management
- Incentives and Awards

### 6.3.7 Faculty and Staff recruitment

- Separate human resource department exists for the process of recruitment maintenance of service records
- Staff selection committee exists as per the UGC / Statutory Council Regulations for faculty recruitment.
- More than adequate number of faculty is available as per the respective council norms
- All the faculties having the qualification as per the respective council norms.
- Recruitment through wide publicity in news paper and university website announcement.

### 6.3.8 Industry Interaction / Collaboration

- Thammasat University, Bangkok, Thailand for research and academic cooperation.
- MOUs with Zillah Parishad / NGOs for diagnostic camps.
- Linkages with Pharmaceutical Industries.
- Academic collaboration in Health Research and Education between Dr. D. Y. Patil Vidyapeeth, Pune and Johns Hopkins University, United States of America (Baltimore – Maryland)
- Collaboration in Health Research and Education Between Dr DY Patil Vidyapeeth, Pune, India and Surindra Rajabhat University, Surin, Thailand.
- Collaboration between Medical College and
  - Lions Club Pimpri Chinchwad
  - Rotary Club Pimpri Chinchwad
  - Haemophilia Society Pune Chapter
  - Care India Medical Society for palliative treatment.
  - Akansha Foundation
  - Door step School Organization
  - Deepak Foundation
  - Gyanankur School
  - Catalysts for Social Action

- Yashoda Milk Bank in Collaboration with Rotary Club
- Dental College – M.Phil. Programme with Faculty of Dentistry, University of Hong Kong and Ph.D. Programme with Thammasat University, International College of Medicine and King’s College London Dental Institute
- Industrial visits for student and faculty.
- TATA Motors: Training related to prevention of occupational health hazards to their workers.
- Visit to Contact Lens Company and visit to hands on training at Essilor

### 6.3.9 Admission of Students

Sr. No	Course Name	Admission procedure	Scheme of Entrance Test		
			Total Marks	Nature of Questions	Qualified Marks
1.	Super Speciality 1. M.Ch. (Neuro – Surgery) 2.M.Ch. (Urology) 3.D.M. Nephrology	Through All India Entrance Test( AIET) and as per MCI guidelines / norms	50 40 60 50 Total= 200	MCQ:- 25 LAQ:- 01 SAQ:- 03 Viva- Voce	50%
2.	Medical : PG	Through All India Post Graduate Medical Entrance Test ( AIPGMET) and as per MCI guidelines / norms	300	MCQ 300	50%
3.	Medical : UG	Through All India Common Entrance Test ( AICET) and as per MCI guidelines/ norms	200	MCQ 200	50%
4.	Dentistry :PG	Through All India Post Graduate Dental Entrance Test ( AIPGDET) and as per DCI guidelines / norms	100	MCQ 100	50%
5.	Dentistry :UG	Through All India Common Entrance Test ( AICET) and as per DCI guidelines/norms	200	MCQ 200	50%
6.	Physiotherapy :PG	Through All India Post Graduate Physiotherapy Entrance Test (AIPGPET)	100	MCQ 100	50%
7.	Physiotherapy :UG	Through All India Allied Health Sciences Common Entrance Test ( AIAHCET)	100	MCQ 100	50%
8.	Nursing : PG	Through All India Post Graduate Nursing Entrance Test (AIPGNET)	100	LAQ:- 05	50%
9.	Nursing : UG	Through All India Allied Health Sciences Common Entrance Test ( AIAHCET)	100	MCQ 100	50%

Sr. No	Course Name	Admission procedure	Scheme of Entrance Test		
			Total Marks	Nature of Questions	Qualified Marks
10.	Biotechnology :PG M.Sc.Biotechnology M.Sc.Bioinformatics	Through All India Post Graduate Biotechnology Entrance Test (AIPGBET)	100	MCQ 100	50%
11.	Biotechnology :UG B.Tech.Biotechnology B.Tech.(Medical) Biotechnology M.Tech.(Integrated) Biotechnology	Through All India Biotechnology Common Entrance Test ( AIBTCET)	100	MCQ 100	50%
12.	(MBA) Management	Through All India Entrance Test ( AIET) & Candidates who have cleared CAT/MAT with their weightage in GDPI	150 40 Total = 190	MCQ 105 GDPI	50%
13.	Bachelor of Clinical Optometry	Through All India Allied Health Sciences Common Entrance Test ( AIAHCET)	100	MCQ 100	50%

#### 6.4. Welfare schemes for

Teaching	√
Non teaching	√
Students	√

- ✓ Incentives for International and National publications.
- ✓ Incentives for attending International and National Conferences
- ✓ Incentives for scientific paper / poster presentations.
- ✓ Free medical treatment and health check-up
- ✓ Accidental insurance for Rs. 1 Lac.
- ✓ Transport facilities
- ✓ Grant of Special Leave / On Duty Leave for attending Workshops / Seminars.
- ✓ Minority scholarship.
- ✓ Sabbatical Leave for specialized training
- ✓ Concession in fees for spouses of deserving faculties
- ✓ Provision for admission of children of teaching and non-teaching staff in reputed school of sister organization.
- ✓ Free accommodation for Nursing Staff

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) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	√	External Expert Committee	√	Internal Expert Committee
Administrative	√		√	

6.8. Does the University/ Autonomous College declares results 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?

- OSCE (Objective Structured Clinical Examination) and OSPE (Objective Structured Practical Examination) for internal assessment and ward leaving examination.
- One liner in place of MCQs.
- Structured LAQs (Long Answer Question)
- Ward rounds in clinical subjects for PG examinations.
- Adequate weightage for attendance
- Examination Squads visit the examination centre.
- Moderation of the question paper and answer sheets are done.
- New assignments such as seminar and project are added in internal assessment.
- Introduced Choice based credit System (CBCS) for Optometry.

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

Significant administrative and financial autonomy has been given to the constituent colleges.

**6.11. Activities and support from the Alumni Association**

- Annual Meet
- Tree Plantation
- Curriculum redesigning
- Health education activities.
- Blood donation drives
- Participation in national health programmes
- Participation in cultural and sport events
- Career guidance sessions for students

**6.12. Activities and support from the Parent – Teacher Association**

- Periodic meetings
- Valuable inputs pertaining to patient care and academics
- Discussion of various communications made by mail regarding students performance

**6.13. Development programmes for support staff**

- Art of Living
- Sessions by Brahmakumaris
- Personality Development
- Stress management
- Yoga sessions
- Deputation for special training
- Communication Skills

**6.14. Initiatives taken by the institution to make the campus eco-friendly**

- Tree plantation
- Green Audit Committee
- ETP/STP plants set up
- Solar system installed in hostels.
- Water recycling done.
- Proper waste disposal protocols
- E-Governance
- All the incandescent bulbs are changed to low watt compact fluorescent lamps



## 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.**

1. **Animation for Teaching:**

Animations are used for better understanding of subjects like that in developmental and three dimensional anatomy, structures of various biochemical molecules, understanding the mechanism of firearms, structure and three dimensional anatomy of teeth etc.

Students are able to comprehend better with animated demonstration.

2. **Webinars :**

Webinars are conducted with eminent faculty available online for live presentations and discussions.

Participants interact with and get replies to their queries from eminent researchers, scientist and experts directly.

3. **Smart Board Teaching:**

Smart Boards are used for improved teaching techniques. Being user friendly, these are helpful in digitalization of handwriting, on spot editing of power point presentation to the need of students to explain better and access to internet so that global knowledge can be disseminated in the class room on the topic of discussion

4. **Skill Labs:**

Skill Labs are used to enhance clinical and practical skills of students. Students are provided with the opportunity to work on models, specimen and phantom heads to increase their skills. Competency based modular exercises have been structured for interns and postgraduates.

5. **ERP system:**

Enterprise Resource Planning software is used to improve interdepartmental data sharing. The software is customized for individual departmental requirements. Input for various departments, from accounts to HR and various teaching departments are uploaded and shared.

6. **Skype Journal Club:**

First author of the publication selected for journal club, is contacted and asked for appointed for videoconferencing through Skype. On selected day and time journal club is presented in on-line presence of author and students and faculty members interact with them.

7. **Patient Feedback Form:**

Patient feedback forms are provided to patients which are assessed and required changes are made after discussion with Management, Hospital Administration, and concerned committees.

8. **Integrated Teaching:**

Various topics which can be covered with an integrated approach (Vertical and Horizontal) are outlined before the start of the semester by a core committee headed by the Dean of the college. The Heads of concerned departments are then asked to detail a faculty from their specialty to present particular topic. A coordinator is designated for each session. The

average duration of one integrated teaching session is 90 minutes. All the presentations are compiled into a module which forms an important learning resource material. A feedback of every session is obtained from the students using a structured format.

**9. Didactic lectures :**

Patients are brought to lecture halls during didactic lectures and live demonstration of clinical examination and physical findings are given to students.

**10. Curriculum – redesigning :**

Innovations are applied in curriculum designing with division of syllabus into must to know and desirable to know. Must to know sections are minimum basic knowledge which students must possess.

**7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year :**

<b>Dr. D. Y. Patil Medical College:</b>		
Sr.no.	Plan of Action	Achievements
1	Preparation for MCI inspection for renewal of permission for 5 <sup>th</sup> batch of 250 students	Granted permission by MCI and Ministry of Health Govt. of India. <u>MCI Letter No. MCI -37(1)(RI-55)(UG)/2015-MED./136929</u> dated 05-10-2015  <u>Govt. of India letter No. U.12012/670/2015-ME-1</u> dated 23-11-2015.
2	Preparations for various PG Degree / Diploma Recognition inspections by MCI	The inspections have been conducted by MCI in September -2015, permission granted.
3	Improvement in Hospital Infrastructure	<ul style="list-style-type: none"> <li>• Majority of wards have been shifted to the New Hospital Building.</li> <li>• Room for digital mammography.</li> <li>• Room for dialysis.</li> <li>• 128 slice CT Scan machine</li> </ul>
4	Purchase of New Equipment	College : Rs. 27,00,48,000/- Hospital : Rs. 22,28,87,191/- ----- Total : Rs. 49,29,35,191/- =====
5	Faculty Development Programmes	Faculty trained in 2015-16 : 150
6	Incentives and Motivation for research Publication	Cash incentives are given for research publications. International Rs. 5000/- per article and national Rs. 3000/- per article.  Total Publications in 2015-2016: 287 National :- 178 International :- 109

**Dr. D. Y. Patil Dental College:**

Sr. No.	Goal	Action Taken
1	To Improve Student attendance in classes.	a) Student Counselling session b) Reward in the form of internal assessment marks c) Power points with Clinical Case Illustrations.
2	To improve the quality of Teaching.	a) Assessment of staff by Student b) Encouraging Staff to Attend Teacher training Programme c) Micro teaching Sessions d) Conducting integrated Teaching.
3	Student exposure to the state of the art Knowledge.	a) Inviting renowned Faculty for the Guest Lectures. b) Holding Webinar meets c) Encouraging Students to attend the Conferences
4	Promoting the staff to attend Conferences and Symposium.	a) Providing Financial Assistance.
5.	To Improve the number of research Projects And Publications	a) Providing Financial Assistance. b) Providing Assistance for research Training c) Considering Publications for promotion and increment.

**Dr. D. Y. Patil Biotechnology and Bioinformatics Institute:**

Sr. No.	Goal	Action Taken
	<b>Research :</b> <ul style="list-style-type: none"> <li>Motivation among faculties and students to participate in research activities</li> </ul>	<ul style="list-style-type: none"> <li>Motivation among faculties and students to participate in research activities is being promoted and the same is evident from the ongoing research projects, funding and publications. Intramural funding from DPU sanctioned.</li> </ul>
	<b>Infrastructure :</b> <ul style="list-style-type: none"> <li>Improvement in the infrastructure and research facilities to be achieved.</li> </ul>	<ul style="list-style-type: none"> <li>Improvement in the infrastructure and research facilities achieved.</li> </ul>
	<b>Equipments and Technology</b> <ul style="list-style-type: none"> <li>ERP System to be implemented</li> </ul>	<ul style="list-style-type: none"> <li>ERP system for all academic activities has been implemented.</li> </ul>

**Dr. D. Y. Patil College of Nursing:**

Sr. No.	Goal	Action Taken
	<b>Research :</b> <ul style="list-style-type: none"> <li>Motivation among faculties to participate in research activities</li> </ul>	<ul style="list-style-type: none"> <li>Staffs are encouraged to publish papers in reputed journals.</li> </ul>
	<b>Infrastructure :</b> <ul style="list-style-type: none"> <li>Improvement in the infrastructure and research facilities.</li> </ul>	<ul style="list-style-type: none"> <li>New equipments ordered for utilization of research.</li> </ul>
	<b>Social Awareness:</b> <ul style="list-style-type: none"> <li>To create social awareness regarding scope in nursing</li> </ul>	<ul style="list-style-type: none"> <li>Promotion or awareness of scope nursing to society done to get admissions.</li> </ul>

**Dr. D. Y. Patil College of Physiotherapy:**

Sr. No.	Plan of Action	Achievement
1	Planned to revise BPT and MPT Curriculum	Revision of curriculum of BPT and MPT to meet the competencies at global level was done and will be implemented from 2015-2016.
2	Faculty up-gradation programme	Faculties were encouraged to upgrade themselves by attending Short courses, workshop, conferences
3	Development of Skill's Lab	Setting up of ICU Skill's lab
4	Incorporating integrated teaching program	Integrated teaching program and symposium were conducted by staffs for overall development of students
5	Enhancing communication skills	Value Added teaching for learning regional language for effective communication and improving patient doctor relationship was conducted for both staff and students
6	Upgradation of library	Up-gradation of library with various Research Journals ,newer editions and volumes of books
7	Proposed to purchase advanced equipment for research	Advanced research equipment for promotion of research were procured
8	Conduct Extension activities	free camps, Screening camps, awareness lectures, blood donation, celebration of national and international day.

<b>Dr. D. Y. Patil College of Optometry:</b>		
S.No	Goal	Action Taken
1	To improve students satisfaction.	Regular feedback is taken using the ERP system.
2	To enhance student results.	Overall results of the students is analysed at the end of every semester.
3	To enhance the Research Activities.	Faculties were encouraged to undertake projects. Two faculties published their papers.

<b>Dr. D. Y. Patil Global Business School:</b>		
Sr. No.	Plan of Action	Achievement
1	Establishment of Smart Classrooms	Smart classrooms with video conference facility established.

**7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)**

**Mentorship System:**

1. **Title of the Practice :** Mentorship System
2. **Objectives of the Practice :**
  1. To help the budding doctors to have a smooth transition from a protected environment into a highly competitive field.
  2. To foster a sense of camaraderie amongst the students of diverse backgrounds.
3. **The Context:** University conducts All India Entrance Test for admission to its various courses. Students from various states of India and broad are selected and come to join courses in University. To acclimatize these students, who have come far off from their homes and to provide them academic and psychological support, mentorship system has been introduced. Under this system mentors are allotted to them, who guide them through various phases of academic, extra-curricular and personal development, during their stay in the University.
4. **The Practice :** Mentors are allotted to all students from first year till last year. Each mentor is allotted upto 5 students. Mentors are the teachers from those subjects, in which the students are studying in that particular year. For eg:- In the Medical College, Students of first year are allotted mentors from anatomy, physiology and biochemistry departments and so on.

Mentors meet their students on regular basis for one to one interaction and keep records of student's performance, progression, academic and personal problems. Meetings are also held on as and when required basis, if students have some issues to discuss or need guidance on priority.

In this way faculty provide students with psychological, educational support and guidance at various levels to improve their interest in the subjects and cultural activities thereby fostering an excellent academic ambience contributing to overall personality development.

#### **5. Evidence of success**

1. **Academic Results:** There is graduate improvement in the student's academic performance from first year to last year which is exhibited in their internal assessment examination results and university results.
2. **Behavior in Campus:** Improvement in interpersonal relationship leading to friendly ties of student's with their batch mates, juniors and seniors. Strengthening of relationships with their mentors and other faculty members is also reflected with improved behavior.
3. **Extracurricular activities:** Improved involvement of students in various extra-curricular institutional activities also reflects their increased bonding with institute. Their self motivate involvement in IQAC, student council and participation in various committees also points to success of mentorship system.

#### **6. Problems Encountered and Resourced Required :**

1. Reluctance on part of students to meet their mentors
2. Difficulty in maintenance of records.

#### **7. Resources Required to implement the practice:**

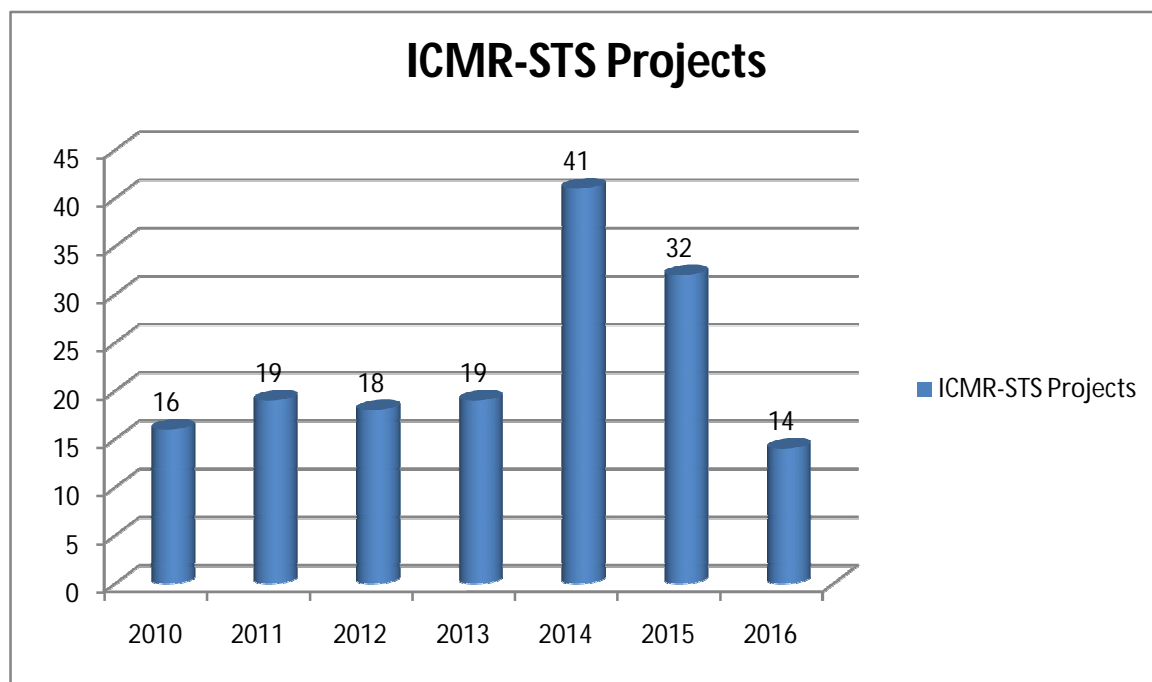
1. Sensitization lectures for the student by Senior Faculty members informing them regarding the mentorship system and its benefits
2. Allotment of mentors as per the academic year mentors are from those subjects, in which the students are studying in that particular year. Structured formats and Books are issued to mentors to maintain records of meetings with their students.

#### **Involvement of Undergraduate Students in Research:**

1. **Title of the Practice:** Involvement of Undergraduate Students in Research
2. **Objective of the Practice :**  
To inculcate an element of curiosity and interest in research among students from Undergraduate level, so as to enhance their research aptitude.
3. **The Context:** It has been seen that after graduation most of the students go for postgraduation with the single minded goal of practicing medicine. In the process many potential and enthusiast researchers are suppressed or by the time they identify their potential and interest in research during their postgraduation, it is often late. To fill this gap and explore the hidden talent we involve students during their undergraduate course, to identify potential researchers and develop their skills early during their academic career.

4. **The Practice:** Students are given the task of research activities from their very first year in the institution. Interested Students are asked to take up projects under the guidance of faculty members, who instruct them regarding the basics of research till completion of their projects. After selection of topic by students under guidance of faculty members the synopses are formulated which are scrutinized by scientific and Ethics Committee. These proposals are then forwarded to ICMR for the STS programme. Recognition and financial support as a result of this programme further encourages students in research.

5. **Evidence of Success:**



2010	2011	2012	2013	2014	2015	2016
16	19	18	19	41	32	14

Increase in number of publications and presentation by UG Students at National Conferences, some of which were award winning presentations

6 **Problems Encountered and Resources Required:**

1. Initially there was reluctance and resistance from the students
2. Faculty perceived it as their increased workload.

The problems were overcome by :

1. Acceptance of student projects by ICMR and provision of financial support for the same has proved to be a major motivating factor.
2. Workshops and guest lectures on synopsis writing and publication of scientific papers went a long way in motivating UG students to take up research projects

#### 7.4 Contribution to environmental awareness / protection

- ETP/STP plants set up
- Solar system installed in hostels.
- Green campus initiatives.
- Hospital waste disposal as per norms
- Health education of community regarding environmental health hazards.
- Water recycling.
- Proper waste disposal protocols
- Tree Plantation by students and Faculty.
- NSS activities for environmental awareness – Role plays, poster exhibitions, tree plantation

#### 7.5 Whether environmental audit was conducted?

Yes  No

#### 7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

##### **STRENGTHS:**

- Promotion of an unique research ethos amongst undergraduates
- ERP based Teaching-Learning Process
- Vibrant and dedicated faculty
- Availability of excellent clinical material

##### **WEAKNESSES:**

- Consultancy Services

##### **OPPORTUNITIES:**

- International Collaborations
- Development of Tele-Medicine Centre
- Certificate Courses and Fellowships in various faculties
- Establishment of a centre for Planning and Policy making in Higher Education

##### **THREATS/CHALLENGES:**

- Attracting faculty of international repute
- To keep pace with rapid growth and development of health science education and patient care as per global standards.



## **8. Plans of institution for next year:**

University is planning to enhance the infrastructural facilities and augment the quality of education. Some special programmes envisaged are:

### **Faculty-**

- Deputation for specialized training in field of interest
- Periodic mind relaxation programmes.
- To enhance skill of faculty and staff.

### **Students-**

- Small groups teaching activities
- Strengthening recreation activities
- In- house sessions on Art of Living, Yoga and meditation.
- Early clinical exposure.

### **Infrastructure-**

- State of Art OT complex and ICU complex
- Ultra Modern learning resource centre

### **Patients-**

- Evening Clinics
- To upgrade and strengthen labour analgesia
- To start USG guided nerve block.

### **Administrative/Academics**

- Superspeciality courses – Plastic Surgery, Cardiology, Cardio Thoracic Surgery, Paediatric Surgery and Neurology.
- Increase in PG seats – Clinical Speciality and Superspeciality subjects.
- Renewal of permission for 6<sup>th</sup> batch of 250 MBBS Admissions
- To promote & to start Fellowships in Neonatology, Pediatric Cardiology, Adolescence Medicine, Pulmonology, Nephrology, Pediatric Intensive Care.
- To start M. Tech. Biotechnology program (2 years).
- To start 2 short term/certificate courses in Biotechnology.
- Setting up comprehensive oral health care centre.
- Advance critical care course in nursing.
- To include optometry Law and Ethics as a subject in 3<sup>rd</sup> year UG curriculum.

*Name: Dr. Praveen Arora*

*Sd/-*

*Signature of the Coordinator, IQAC*

*Name: Dr. P. N. Razdan*

*Sd/-*

*Signature of the Chairperson, IQAC*

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**Abbreviations:**

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

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