YEARLY STATUS REPORT - 2020-2021

Part A
Data of the Institution

1.Name of the Institution	Dr. D. Y. Patil Vidyapeeth, Pune (Deemed to be University), Maharashtra
• Name of the Head of the institution	Dr. N. J. Pawar
• Designation	Vice Chancellor
• Does the institution function from own campus	Yes
• Phone no. of the Vice-chancellor	02027805000
• Alternate phone No.	02027805001
• Mobile no (Vice-chancellor)	09011093368
• Registered Email ID (Vice-chancellor)	vc@dpu.edu.in
• Address	Sant Tukaram Nagar, Pimpri, Pune
• City/Town	Pune
• State/UT	Maharashtra
• Pin Code	411018
2.Institutional status	
• University	Deemed
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**Private**
• Name of the IQAC Co-ordinator/Director	**Dr. P. Vatsalaswamy**
• Phone No.	**02027805000**
• Alternate phone no.	**02027805001**
• Mobile No:	**09850116519**
• IQAC e-mail ID	**iqacnaac@dpu.edu.in**
• Alternate e-mail	**info@dpu.edu.in**
3.Website address	www.dpu.edu.in
4.Whether Academic Calendar prepared during the year?	**Yes**
• If yes, was it uploaded in the Institutional Website?	https://dpu.edu.in/academic-calendars.aspx

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 3	**A++**	**3.64**	**2022**	**08/02/2022**	**07/02/2029**
Cycle 2	**A**	**3.62**	**2015**	**03/03/2015**	**02/03/2020**
Cycle 1	**A**	**3.08**	**2009**	**30/09/2009**	**29/09/2014**

6.Date of Establishment of IQAC	**01/10/2009**

7.Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Dr. D. Y. Patil Vidyapeeth, Pune	SIRO	Department of Scientific and Industrial Research, Ministry of Science and Technology	2020 (3 Years)	0
Department of Biotechnology and Bioinformatics, Dr. D. Y. Patil Vidyapeeth, Pune	DST-FIST Level - I	Department of Science and Technology, Ministry of Science and Technology	2018 (5 Years)	9000000

8.Is the composition of IQAC as per latest NAAC guidelines	Yes	
• Upload latest notification of formation of IQAC	View File	
9.No. of IQAC meetings held during the year	3	
• Have the minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website	Yes	
• (Please upload, minutes of meetings and action taken report)	View File	
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No	
• If yes, mention the amount		

11.Significant contributions made by IQAC during the current year (maximum five bullets)

Preparation of Self Study Report of Dr.D.Y.Patil Vidyapeeth, Pune (Deemed to be University) for 3rd Cycle of NAAC accreditation. The Self Study Report was submitted to NAAC on 12/11/2020

Dynamic role in NABH accreditation of Dr.D.Y.Patil Medical College, Hospital and Research Centre, Pimpri, Pune. The college was accredited by NABH on 11/03/2021.

Active Role in NABH accreditation of Dr.D.Y. Patil Dental College and Hospital, Pimpri, Pune. The Dental College and Hospital, Pimpri, Pune was NABH accredited on 13/05/2021

Active participation in the National Institutional Ranking Framework (NIRF) 2021 of Ministry of Education, Government of India. Dr D.Y.Patil Vidyapeeth, Pune was ranked 2nd in Dental category, 49th in University Category and 80th in overall category of NIRF 2021 ranking by the Ministry of Education, Government of India

Webinars organized by IQAC to promote health and wellbeing of staff and students during COVD-19 Pandemic. The IQAC of Dr. Y. Patil Vidyapeeth (Deemed to be University) organized webinars by eminent international and national speakers, scientists to promote health and wellbeing of Teaching and Non-Teaching staff and students during COVD-19 Pandemic: a. Webinar on 2nd January 2021 by renowned International Speaker Mr. Shiv Khera on "Turning setbacks into comebacks" b. "Healthy Body and Happy Mind- Standing United in our Fight Against COVID-19 Pandemic" on 22nd May 2021 by Dr. D. S. Bhamre, Professor, Dept of Orthopaedics, Dr. D.Y. Patil Medical College, Hospital and Research Center. c. "DOCTORS- SOLDIERS IN WHITE CLOTHES" on 29th MAY 2021by Shri Narendra Goidani, Founder of Life School, Pune d. "Building Emotional Intelligence" on 05th June 2021 on the ZOOM platform for the Teaching staff, Administrative staff and Students of the Vidyapeeth and its constituent units. The speaker for the webinar was the renowned and distinguished International Speaker & Spiritual Leader BK Shivani Didi e. "Covid Vaccines in India & what is new about vaccines" on 19th June 2021.The guest speaker for the webinar was Dr. Raman Gangakhedkar, Dr C.G. Pandit National Chair of ICMR Former Scientist G & Head of Epidemiology and Communicable Diseases, ICMR, New Delhi f. "Role of Mind in dealing with COVID threat"on 26th June 2021.The guest speaker for the webinar was Dr. Deepak Ranade, Professor and Head of Department of Neurosurgery, Dr.D.Y.Patil Medical College, Hospital and Research Center, Pune g. 3 day workshop on "Art of Living" from 22nd July 2021 to 24th July 2021 by Adv. Himanshu Nagarkar and his team from Art of Living.

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Preparation of Self Study Report of Dr.D.Y.Patil Vidyapeeth (Deemed to be University) Pune for 3rd cycle of NAAC Accreditation	Self Study Report of Dr.D.Y.Patil Vidyapeeth, Pune (Deemed to be University) submitted to NAAC on 12/11/2020
Recognition of DR. D. Y. PATIL VIDYAPEETH, PUNE as a Social Entrepreneurship, Swachhta & Rural Engagement Cell (SES REC) Institution	Dr. D. Y. Patil Vidyapeeth (Deemed to be University) Pune is recognized as a Social Entrepreneurship, Swachhta & Rural Engagement Cell (SES REC) Institution by Mahatma Gandhi National Council of Rural Education Department of Higher Education, Ministry of Education Government of India on 02/09/2020
To provide effective inputs in renewal of recognition of Scientific and Industrial Research Organization (SIRO) to Dr.D.Y.Patil Vidyapeeth (Deemed to be University), Pune	The Scientific and Industrial Research Organization (SIRO) renewed its recognition to Dr.D.Y.Patil Vidyapeeth, Pune on 09th November 2020
To play a dynamic role in NABH accreditation of Dr.D.Y.Patil Medical College, Hospital and Research Centre, Pimpri, Pune	Dr.D.Y.Patil Medical College, Hospital and Research Centre, Pimpri, Pune was accredited by NABH on 11/03/2021
ISO 9001:2015 certification of Internal Quality Assurance Cell (IQAC)of Dr.D.Y.Patil Vidyapeeth, Pune (Deemed to be University) Pune	Internal Quality Assurance Cell (IQAC) of Dr.D.Y.Patil Vidyapeeth, Pune (Deemed to be University) Pune was ISO 9001:2015 certified on 23/04/2021
To play an active role in NABH accreditation of Dr.D.Y.Patil Dental College and Hospital, Pimpri, Pune	Dr.D.Y. Patil Dental College and Hospital, Pimpri, Pune was NABH accredited on 13/05/2021
Active participation in National	Dr D.Y.Patil Vidyapeeth (Deemed

Institutional Ranking Framework (NIRF) 2021of Ministry of Education, Government of India	to be University), Pune was ranked 2nd in Dental category, 49th in University Category and 80th overall in the NIRF 2021 ranking by the Ministry of Education, Government of India

13.Whether the AQAR was placed before statutory body?	Yes

- Name of the statutory body

Name	Date of meeting(s)
Board of Management	28/12/2021

14.Does the Institution have Management Information System?	Yes

- If yes, give a brief description and a list of modules currently operational

A comprehensive in- house developed DPU-ERP system is in place for all the academic and administrative activities of the Vidyapeeth. It includes the following modules:

a.Learning Management System (LMS):

1. Program and Course Outcomes,Content Mapping, Advance Teaching and Lesson plans
2. E-content developed by faculty
3. Lecture Entry and students attendance
4. Online Formative Assessment
5. Student assignments and Discussion Forum
6. E- Learning resources

b.Planning and Development:

1. Dashboards providing summary of activities and statistical information

2. Infrastructure usage reports for decision making

c.*Administration:*

1. Hospital Information Management System is implemented in all hospitals
2. Communication Management (Notices/ Meeting Agenda/Circulars)
3. Attendance and Leave Management of employees
4. Feedback Management System

d.*Finance and Accounts:*

1. Multiple payment options for Course Fees,Eligibility Fees, Examination Fees
2. Comprehensive financial reports for the Accounts department
3. Payroll Management for Employee e.*Student Admission and Support:*
    1. Admission and enrollment process
    2. Attendance Records
    3. Availability of e-content and e-resources
    4. Student Services like Transfer Certificate, Bonafide Certificate, etc.
    5. Mentor Mentee system

f.*Examination Module:*

1. Exam Form filling and payment of fees
2. Entry of Summative examination marks of Practical and Theory
3. Online Entrance Examination for Ph.D.
4. Proctor based examination

Extended Profile

1.Programme

1.1	90
Number of all Programmes offered by the Institution during the year	

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	5358

File Description	Documents
Data Template	View File

2.2 Number of graduated students during the year	1312

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full-time teachers during the year	602

File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year	602

File Description	Documents
Data Template	View File

4.Institution

4.1 Total expenditure excluding salary during the year (INR in lakhs)	24112.30

File Description	Documents
Data Template	View File

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global health care needs which are visible in Programme Outcomes (POs), and Course Outcomes (COs) offered by the University, as per the norms of the Regulatory Bodies.

The process of curriculum design and development takes into consideration the Global health care needs like sustainable development goals and management of communicable & noncommunicable diseases, National needs like reproductive and child health care, urban and rural health missions and Local health issues likesubstance abuse owing to tobacco chewing. It also follows all the norms of respective regulatory bodies. A Standard Operating Procedure is in place for the development of curricula. The curriculum aims at producing health professionals who are competent, ethical, research-oriented, and socially responsible.

The Program Outcomes and Course Outcomes developed are well-defined, comprehensive, and measurable. They are aligned with teaching-learning and assessment. Outcome based education has been implemented through content mapping of syllabus and lesson plan of every lecture. Continuous quality improvement has been ensured with a focus on the attainment of outcome competencies through formative and summative evaluations.Curriculum revision, addition of new courses and value-added courses takes into account the feedback from all relevant stakeholders and guidelinesof the Regulatory Bodies.

File Description	Documents
Curricula implemented by the University	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/1-1-1_3011.pdf
Outcome analysis of POs, COs	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/1-1-1_3047.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/1-1-1_2447.pdf

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

16

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Details of the revised Curricula/Syllabi of the programmes during the year	View File
Institutional data in prescribed format (Data Template)	View File
Syllabus prior and post revision of the courses	View File
Any other relevant information	View File

1.1.3 - Provide a description of courses with focus on competency/ employability/ entrepreneurship/ skill-development offered either by the University or in collaboration with partner Institutions / Industries during the year

All programs offered at DPU focus on competency, employability, entrepreneurship, and skill development which is reflected Program and Course Outcomes.

Professional competency

1. **All the courses in the various programs focus on acquisition of professional skills and competencies.**
2. **For the professional development of the students, value-added courses, workshops, and seminars are organized regularly.**
3. **Collaborations and MoUs with reputed National and International academic institutions and industry help to enhance competencies of students. The collaboration between DPU and Johns Hopkins University (USA) supports web-based learning regularly and helps in improving diagnostic skills of students.**

Skill development

1. **Training programs are regularly scheduled in Skills and simulations laboratories**
2. **Industrial training, internships, seminars, and workshops help to enhance skills in students.**
3. **Vidyapeeth conducts variety of programs to improve soft skills, language, and communication.**

Employability and Entrepreneurship:

1. To enhance employability and entrepreneurship Vidyapeeth offers the CBCS curriculum which enables the student to explore additional avenues.
2. DPU (Biotechnology) has research-based collaborations with the University of Skovde(Sweden) to promote entrepreneurship through the development of various patents.
3. DPU Foundation for Innovation, Incubation and Entrepreneurship is actively engaged to foster creativity and innovation thereby promoting entrepreneurship amongst students.

File Description	Documents
List of courses having focus on competency/ employability/ entrepreneurship/ skill-development	View File
MOUs with Institutions / Industries for offering these courses (Initiated during the year?)	View File
Any other relevant documents	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice-Based Credit System (CBCS)/Elective course system has been implemented, wherever provision was made by the Regulatory Bodies (Data for the preceding academic year)

1.2.1.1 - Total number of Programmes where there is regulatory provision for CBCS – elective course system

20

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Institutional data in prescribed format (Data Template)	View File
University letter stating implementation of CBCS by the Institution	View File
Structure of the program clearly indicating courses, credits/Electives as approved by the competent board	View File
Any other relevant information	View File

1.2.2 - Number of new Degree Programmes, Fellowships and Diplomas introduced by the University across all Faculties during the year (certificate programmes are not to be included)

1.2.2.1 - Number of new Degree Programmes, Fellowships and Diplomas introduced by the University during the year

11

File Description	Documents
List of the new Programmes introduced during the year	View File
Minutes of relevant Academic Council/BoS meetings for the year	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

1.2.3 - Number of interdisciplinary courses under the Programmes offered by the University during the year

1.2.3.1 - Number of courses offered across all programmes during the year

949

File Description	Documents
List of Interdisciplinary courses under the programmes offered by the University during the year	[View File](#)
Minutes of relevant Academic Council/BoS meetings	[View File](#)
Institutional data in prescribed format (Data Template)	[View File](#)
Any other relevant information	[View File](#)

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Gender, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes and Professional Ethics in the curricula

The curriculum at DPU is holistic, includes cross-cutting issues, which are integrated in POs-COs and teaching-learning of core curricula.

1.Sensitization and women empowerment is ensured through programs like Beti Bachao, breast-feeding awareness during World Breastfeeding Week, womens' self-defense programs and initiatives of the Yashoda Human Milk Bank.

2.Environment and Sustainability issues are prioritized in all programs based on UN sustainable goals through environmental science topics such as global warming, disaster management under National Flagship Program, etc. and activities like Unnat Bharat Abhiyan and Swachchata Pakhwada. Plastic use on campus is strictly banned.

3.Human Values and Ethics are strongly emphasized in curriculum and graduate attributes. DPU has established UNESCO chair in Bioethics and "UNESCO Bioethics Core Curriculum" is followed.

4.Health Determinants comprising of the social and economic environment are incorporated in the curriculum, also the extension and outreach activities are conducted for sensitisation of people about health and hygiene besides health camps, and national health programs like Mahatma Phule Jan Arogya Yojana is also available.

5.Right to Health Issues and emerging demographic changes are learnt through various sessions on health care management, health economics, etc. DPU was recently recognized as "Charity Hospital at

poor patient's doorstep" by Government of Maharashtra.

File Description	Documents
List of courses that integrate crosscutting issues mentioned above	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/1-3-1_2293.pdf
Description of the courses which address Gender issues, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes and Professional Ethics in the Curricula	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/1-3-1_2292.pdf
Any other relevant information	View File

1.3.2 - Number of value-added courses offered during the year that impart transferable and life skills

File Description	Documents
Brochure or any other document related to the value-added course/s	View File
List of value-added courses (Data Template -5)	View File
Any other relevant information	View File

1.3.3 - Number of students who successfully completed the value-added courses during the year

1.3.3.1 - Number of students who successfully completed the value-added courses imparting transferable and Life skills offered during the year

1411

File Description	Documents
List of students enrolled in value-added courses (Data Template 5)	View File
Any other relevant information	View File

1.3.4 - Students undertake field visits / research projects / Industry internship / visits/Community postings as part of curriculum enrichment

The students regularly undertake field projects/internships across all disciplines as a part of curriculum enrichment.

1.Field Visitsand Field projects enable students to examine their career interests and prepare them for careers beyond graduation. Field visits strengthen transferable skills that are sought by employers, augment team skills and networking opportunities.

2. Internship postings in all health science disciplines are followed meticulously, providing hands-on experience, enabling them to develop work competencies as efficient health professionals. Field projects are undertaken during internship as a part of social responsibility and community outreach programs. Work done during internshipis documented in log-book.

3.Industry internship: For MBA program students undergo industry internships in tandem with the industry gaining insight into the alignment of course curriculum with industry requirements. Students share their knowledge and understanding of the industry after student internship program (SIP).

4.Research Projects: Medical and Dental undergraduate students undertake ICMR-STS and DPU STS projects every year. Biotechnology undergraduate students also undertake research projects. Research projects are mandatory for all PG Programs.

5.Community postings are a mandatory requirement for students in the Health Science programs. DPU has a network of fourteen Satellite Health Centers for providing opportunities to the students for community-based learning.

File Description	Documents
List of Programmes and number of students undertaking field visits / research projects / internships/Industry visits/Community postings during the year	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/1-3-4_2464.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/1-3-4_2465.pdf

1.4 - Feedback System

1.4.1 - Mechanism is in place for obtaining structured feedback on curricula/syllabi from various stakeholders Students Teachers Employers Alumni Professionals   A. All 4 of the above

File Description	Documents
Stakeholder feedback report as stated in the minutes of the Governing Council/Syndicate/ Board of Management	[View File](#)
URL for feedback report	https://dpu.edu.in/Structured-Feedback-on-Curriculum.aspx
Sample filled-in Structured Feedback forms by the institution for each category	[View File](#)
Institutional data in prescribed format (Data Template)	[View File](#)
Any other relevant information	[View File](#)

1.4.2 - Feedback process of the Institution may be classified as: A. Feedback collected, analyzed and action taken on feedback and such documents are made available on the institutional

File Description	Documents
URL for stakeholder feedback report	https://dpu.edu.in/Structured-Feedback-on-Curriculum.aspx
Action taken report of the University on feedback report as stated in the minutes of the Governing Council/ Syndicate/ Board of Management	[View File](#)
Any other relevant information	[View File](#)

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Due consideration is given to equity and inclusiveness by providing reservation of seats to all categories during the admission process

File Description	Documents
Number of seats filled against seats reserved (As per Data Template)	View File
Copy of letter issued by state govt. or and Central Government Indicating the reserved categories to be considered as per the state rule (in English)	View File
Final admission list published by the HEI	View File
Admission extract submitted to the state OBC, SC and ST cell for the year	View File
Initial reservation of seats for admission	View File
Any other relevant information	View File

2.1.2 - Student Demand Ratio, applicable to programmes where State / Central Common Entrance Tests are not conducted

File Description	Documents
Institutional data in prescribed format (Data Template)	View File
Document relating to Sanction of intake	View File
Extract of No. of application received in each program	View File
The details certified by the Controller of Examination or Registrar evaluation clearly mentioning the programs that are not covered under CET and the number of applications received for the same	View File
Any other relevant information	View File

2.1.3 - Student enrollment pattern and student profile to demonstrate national/international spread of enrolled students from other states and countries

2.1.3.1 - Number of students from other states and countries during the year

687

File Description	Documents
List of students enrolled from other states and countries during the year	View File
E-copies of admission letters to the students enrolled from other States / Countries	View File
Copy of the domicile certificate/passport from respective states / countries	View File
Previous degree/ Matriculation / HSC certificate from other state or country	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

2.2 - Catering to Student Diversity

2.2.1 - The Institution assesses the learning levels of the students after admission and organises special programmes for advanced learners and slow performers. The Institution: Adopts measurable criteria to identify slow performers Adopts measurable criteria to identify advanced learners Organizes special programmes for slow performers and advanced learners Follows protocols to measure students' achievement

A. All of the Above

File Description	Documents
Methodology and Criteria for the assessment of Learning levels Details of special programmes	[View File](#)
Details of outcome measures	[View File](#)
Proforma created to identify slow performers/advanced learners	[View File](#)
Consolidated report to Dean academics /Dean student's welfare on special programs for advanced learners and slow learners for the year	[View File](#)
Any other relevant information	[View File](#)

2.2.2 - Student - Fulltime teacher ratio (data for the preceding academic year)

2.2.2.1 - Total number of students enrolled in the specified year

5358

File Description	Documents
List of students enrolled in the preceding academic year	[View File](#)
List of full-time teachers in the preceding academic year in the University (with Designation and Highest Qualification)	[View File](#)
Any other relevant information	[View File](#)

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods are used for enhancing learning experiences by

Experiential learning

Students rigorously learn clinical skills on patients in wards and out-patient clinics besides practicing in skills laboratory. Students undertake community visits, internships, industrial/field trips, research projects and hands on training workshops.

Integrated/Inter-disciplinary learning

DPU has ensured inter-disciplinary learning by incorporating interdisciplinary courses across all Faculties. Integration of

teaching-learning is at both horizontal and vertical.

Participatory learning

Participatory learning for students by examining patients in OPD and wards through case-histories and formative feedback during the presentations.

Problem-solving methodologies

Students develop multiple perspectives in solving real-world problems by case studies and problem-based learning scenarios.

Self-directed learning

Students are encouraged to undertake SWAYAM and academic bank of credits-related courses, assignments and projects.

Patient-centric and Evidence-based learning

Students examine real patients and learn to diagnose and manage simple and complex problems.

The Humanities

Humanities are taught through various activities including human values, gender sensitization and stress management.

Project-based learning

DPU supports research projects for dissertations/summer/industrial training, DPU-STS, ICMR-Short Term Studentship (STS) projects.

Role play

Role play for enhancing communication skills, ethical issues, humanities, social issues, patient counselling and gender sensitization.

During the COVID-19 pandemic, student-centric learning was continued through extensive use of DPU-LMS, video-lectures, interactive e-tools, mobile learning and e-discussion forum.

File Description	Documents
List of student-centric methods used for enhancing learning experiences during the year	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/2-3-1_2278.pdf
Any other relevant information	View File

2.3.2 - The Institution has provision for the use of Clinical Skills Laboratory and Simulation-Based Learning The Institution: 1. Has Basic Clinical Skills Training Models and Trainers for clinical skills in the relevant disciplines. 2. Has advanced patient simulators for simulation-based training 3. Has structured programs for training and assessment of students in Clinical Skills Lab / Simulation centre 4. Conducted training programs for the faculty in the use of clinical skills lab and simulation methods of teaching-learning   A. All of the Above

File Description	Documents
Geotagged photographs of clinical skills lab facilities, clinical skills models, patient-simulators	View File
List of training programmes conducted in the facilities during the year	View File
List of clinical skills training models	View File
Proof of Establishment of Clinical Skill Laboratories	View File
Proof of patient simulators for simulation-based training	View File
Report on training programmes in Clinical skill lab/simulator Centre	View File
Any other relevant information	View File
Institutional data in prescribed format (Data Template)	View File

2.3.3 - Teachers use ICT-enabled tools for effective teaching and learning process, including online e-

resources

DPU has systematically planned the development of ICT infrastructure to support professional health care education through DPU-Enterprise Resource Planning (ERP) system to meet the challenges of hybrid mode of teaching-learning during COVID-19 pandemic to conduct online classes and examination and evaluation process.

ICT-enabled tools for effective teaching

State-of-the-art ICT facilities such as Wi-Fi, web-based learning facilities, lecture capturing system in the classrooms and laboratories is put to use for effective teaching-learning process. Smart class rooms with interactive boards and lecture capturing systems are used for lecturing as well as accessing information through online portal.

ICT-enabled tools for effective learning process

Computer facility with more than 3 GB bandwidth and Wi-Fi facility to the students help them access e-resources at any time. DPU-LMS and DPU-ERP are used in academic and administrative transactions. State-of-the-art ICT-based equipments/softwares like picture archiving and communication system (PACS), computer-aided diagnostic, therapeutic/surgical options and research-based ICT tools are effectively put to use.

Uses of e-resources in teaching-learning process

DPU has the most modern library with a rich collection of print, e-books and free/subscribed standard databases (eg., J-GATE, EBSCOHost, Scopus, ClinicalKey, e-shodhsindhu, World E Book Library, Shodhganga, and DELNET) to enhance theteaching-learning process.

File Description	Documents
Details of ICT-enabled tools used during the year for teaching and learning	http://naac.dpu.edu.in/Supplementary/AQARUniversity202021/2-3-3_2277.xlsx
List of teachers using ICT-tools	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/2-3-3_2275.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/2-3-3_2276.pdf

2.3.4 - Student: Mentor Ratio (preceding academic year)

Total number of mentors in the preceding academic year	Total number of students in the preceding academic year
602	5358

File Description	Documents
Details of fulltime teachers/other recognized mentors and students for the year	View File
Allotment order of mentor to mentee and records of mentors and mentees meetings for the year	View File
Copy of circular pertaining to the details of mentor and their allotted mentees	View File
Approved Mentor list as announced by the HEI	View File
Log Book of mentors	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of fulltime teachers against sanctioned posts during the year

602

File Description	Documents
List of fulltime teachers and sanctioned posts for the year (Certified by the Head of the Institution)	View File
Position sanction letters by competent authority	View File
Appointment letters of faculty during the year	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

2.4.2 - Number of fulltime teachers with Ph.D./D.Sc./D.Lit./ DM/M Ch/DNB in super specialities /other PG degrees (like MD/ MS/ MDS etc.,) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils during the year

2.4.2.1 - Number of fulltime teachers with Ph.D/D.Sc./D.Lit./DM/M Ch/DNB in super specialities / other PG degrees (like MD/ MS/ MDS etc.,) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils. During the year data to be entered

373

File Description	Documents
List of fulltime teachers with Ph.D/D.Sc./D.Lit./DM/M Ch/DNB in super specialities / other PG degrees (like MD/ MS/ MDS etc.,) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils and the number of fulltime teachers for the year	View File
Copies of Guide-ship letters or authorization of research guide provide by the competent authority	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

2.4.3 - Teaching experience of fulltime teachers in number of years (preceding academic year)

13

File Description	Documents
List of fulltime teachers including details of their designation, department, total number of years of their teaching experience	View File
Experience certificate of fulltime teacher	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

2.4.4 - Number of teachers trained for development and delivery of e-contents / e-courses / video lectures / demonstrations during the year

166

File Description	Documents
List of teachers trained for development and delivery of e-contents / e-courses / video lectures / demonstrations during the year	View File
Reports of the e-training programmes	View File
Certificate of completion of training for development of and delivery of e-contents / e-courses / video lectures / demonstrations	View File
Web-link to the contents delivered by the faculty hosted in the HEI's website	https://naacdata.dpu.edu.in/EContentDevelopedByStaff.aspx
List of e-contents / e courses / video lectures / demonstrations developed	View File
Any other relevant information	View File
Institutional data in prescribed format (Data Template)	View File

2.4.5 - Number of fulltime teachers who received awards and recognitions for excellence in teaching, student mentoring, scholarships, professional achievements and academic leadership at State, National, International levels from Government / Government-recognized agencies / registered professional associations / academies during the year

120

File Description	Documents
Institutional data in the prescribed format/ Data Template	View File
Certified e-copies of award letters (scanned or soft copy)	View File
Any other relevant information	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination to the date of declaration of results during the year

2.5.1.1 - Number of days from the date of last semester-end/ year- end examination to the date of declaration of results in the year

843

File Description	Documents
List of Programmes and dates of declaration of last semester-end and yearend examination results	View File
Reports from Controller of Exam (COE) office/ Annual reports mentioning the relevant details	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

6

File Description	Documents
Certificate from Registrar / Controller of examination / Data on student grievances from the office of the Registrar (Evaluation)	View File
Minutes of the grievance cell / relevant body	View File
List of complaints / grievances during the year	View File
List of students who appeared in the exams during the year (Data template)	View File
Any other relevant information	View File

2.5.3 - Evaluation-related Grievance Redressal mechanism followed by the Institution. The University adopted the following for the redressal of evaluation-related grievances.

1. Double valuation/Multiple valuation with appeal process for re totalling/revaluation and access to answer script

File Description	Documents
Provide links to the examination procedure and re-evaluation procedure developed by the Institution and duly hosted in the Institution's website	https://dpu.edu.in/Documents/manual-of-examinations-ver1.pdf
Report of the Controller of Examination/ Registrar evaluation regarding the Grievance Redressal mechanism followed by the Institution	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

2.5.4 - Reforms in the process and procedure in the conduct of evaluation/examination; including Continuous Internal Assessment to improve the examination system. Describe examination reforms implemented by the University during the year with reference to the following within 100 - 200 words

The academic calendar is prepared at institutional level and approved by Faculty, Academic Council (AC) and Board of Management (BoM). The Board of Examinations (BOE) prepares the schedule of examinations and appoints paper-setters, examiners, and moderators

to ensure proper conduct of examinations/assessments.

The papers are assessed through a strictly defined Central Assessment Programme (CAP) protocol to ensure accuracy, efficiency and reliability. CCTV surveillance and mobile jammers are used in examination halls. Results are declared within a week's time.

In 2020-2021, revision of evaluation scheme was undertaken for BBA and MBA. The proportion ofexternal and internal assessment marks was revised from 60:40 to 50:50.

Continuous Assessment methods like problem-solving assignments, MCQs, SAQs, Case Studies, Objective Structured Clinical/Practical Examinations (OSCE/OSPE), Viva-Voce, Presentations, group discussions and workplace-based assessment are routinely used for various programmes and courses.

Online counselling was used for provisional admissions to various programmes during the COVID -19 pandemic. Online grievance application and redressal system is implemented and is functioning well.

Outcome Analysis of examination results is carried out by all constituent units annually. Faculty training workshops in new assessment methods are regularly conducted.

Implementation of Academic Bank of Credits (ABC) and NAD DigiLocker isin progress.

File Description	Documents
Details of examination reforms implemented during the year	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/2-5-1_2308.pdf
Any other relevant information	View File

2.5.5 - Status of automation of Examination division using Examination Management System (EMS) along with approved online Examination Manual Options (Choose an applicable option):

A. Complete automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Snapshot of EMS used by the Institution	<u>View File</u>
Copies of the purchase order of the software/AMC of the software	<u>View File</u>
The present status of automation., Invoice of the software, & screenshots of software	<u>View File</u>
Annual report of examination including present status of automation as approved by BOM / Syndicate / Governing Council	<u>View File</u>
Institutional data in prescribed format (Data Template)	<u>View File</u>
Any other relevant information	<u>View File</u>

2.6 - Student Performance and Learning Outcomes

2.6.1 - The Institution has stated learning outcomes /graduate attributes as per the provisions of Regulatory Bodies which are integrated into the assessment process and widely publicized through the website and other documents Provide details of the stated learning outcomes for each programme / course as stipulated by the appropriate Regulatory Body and the methods followed by the Institution for assessment of the same within 100 - 200 words

DPU has integrated learning outcomes/graduate attributes into the curriculum as per the provisions of regulatory bodies including UGC, AICTE, NMC, DCI, etc. These are uploaded on the University website and well disseminated.

Graduate Attributes (GAs) at all institutions articulate the generic abilities that students are expected to attain. The Program Outcomes (POs) reflect skills, knowledge and abilities of graduates. The nine programme outcomes across all programmes areknowledge and skills, planning and problem-solving, communication, research aptitude, professionalism and ethics, societal responsibilities and lifelong learning. All Course Outcomes (COs) have been mapped to Programme Outcomes (POs) and mapping to content is done using Bloom's taxonomy. These are helpful to ensure that assessment methods match with learning outcomes.

Continuous Assessment methods include term papers, open ended problem-solving assignments, MCQs, SAQs, Case Studies, Objective

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Structured Clinical/Practical Examinations (OSCE/OSPE), Performance
of Lab tests, Viva-Voce, Presentations, Group Discussions and
several other formative assessment and workplace-based activities
are designed and organized to help students to achieve the learning
outcomes of the course and programme.

Examinations play a very important role to assess whether the
defined learning outcomes have been attained to the desirable levels
and alsothe accomplishment of POs and COs.
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File Description	Documents
Relevant documents pertaining to learning outcomes and graduate attributes	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/2-6-1_2493.pdf
Methods of the assessment of learning outcomes and graduate attributes	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/2-6-1_2493.pdf
Any other relevant information	View File

2.6.2 - Pass percentage of final year students in the year

2.6.2.1 - Number of final year students of all the programmes, who passed in the university examinations in the year

1325

File Description	Documents
List of Programmes and the number of students appeared and the number of students passed in the final year examination for the year	View File
Institutional data in prescribed format (Data Template)	View File
Link for the annual report of examination results as placed before BoM/ Syndicate/ Governing Council for year	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/2-6-2_2987.pdf
Any other relevant information	View File

2.7 - Student Satisfaction Survey

2.7.1 - Online student satisfaction survey regarding teaching learning process

File Description	Documents
Any other relevant information	View File
Database of all currently enrolled students (Data Template)	View File

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The Institution has a well-defined Research promotion policy and the same is uploaded on the Institutional website

Vidyapeeth has a well-defined policy for the promotion of research which is reflected in the Research Policy Document (Board of Management vide resolution number DPU/270/18: Item No. BH-38-18). The research policy document of the Vidyapeeth has mainly laid emphasis on promotion of health science research.

RESEARCH PROMOTION AVENUES

1. **Training and awareness activities.**
2. **State of the art infrastructure, equipment and instrument support.**
3. **Good Manufacturing Practices certified laboratories.**
4. **DPU seed research grant.**
5. **Financial support for attending conferences, filling patents and DPU-STS grants.**
6. **Publication incentives.**
7. **PhD and Post-Doctoral fellowships.**
8. **Fee concession for in-house PhD scholars.**
9. **Anti-Plagiarism software.**
10. **e-Databases (Scopus, EbscoHost, Elsevier Clinical Key, Proquest, J-Gate etc.)**

METHOD FOR IMPLEMENTATION AND MONITORING

The allocated budget amount is utilized for the procurement of research equipment, disbursement of seed money, reimbursement for conferences and workshop expenses, publication incentives, etc. The Vidyapeeth has constituted Board of Research where researchers of repute are invited as external members. For the disbursement of seed money grant sanctioned by DPU there is a separate committee constituted by Vice Chancellor under the Chairmanship of Director Research. Moreover, the team constituting the Director Research, Deputy Director Research along with Finance Officer periodically

`conduct meetings to monitor the progress of the seed money.`

File Description	Documents
Minutes of the meetings of Governing Council/ Syndicate/Board of Management for the year related to research promotion policy adoption	View File
Document on Research promotion policy	View File
Any other relevant information	View File

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

`74.10`

File Description	Documents
Sanction letter of seed money to the faculty	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving seed money and details of seed money received (Data Template)	View File
Any other relevant information	View File

3.1.3 - Number of teachers awarded national/international fellowship/Financial support for advanced studies/collaborative research/conference participation in Indian and Overseas Institutions during the year

`35`

File Description	Documents
Certified e-copies of the award / recognition letters of the teachers	View File
List of teachers and their national/international fellowship details (Data Templates)	View File
Any other relevant information	View File

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research

fellows enrolled in the institution during the year

36

File Description	Documents
List of research fellows and their fellowship details	View File
E copies of fellowship award letters	View File
Registration and guide / mentor allocation by the Institution	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

3.1.5 - University has the following facilities Central Research Laboratory / Central Research Facility Animal House/ Medicinal plant garden / Museum Media laboratory/Business Lab/e-resource Studios Research/Statistical Databases/Health Informatics Clinical Trial Centre Any other facility to support research

A. Any 5 of the Above

File Description	Documents
Videos and geo-tagged photographs	https://naacdata.dpu.edu.in/Supplementary/University/3-1-5_23220.pdf
List of facilities provided by the University and their year of establishment (Data Template)	View File
List of the facilities added in the current academic year	View File
Any other relevant information	View File

3.1.6 - Number of departments with recognition by ICMR-CAR, DST-FIST, DBT, MCI, DCI, PCI, AICTE, AYUSH, NACO, WHO, NIH etc. and other similar recognitions by national and international agencies, (excluding mandatory recognitions by Regulatory Councils for UG /PG programmes)

3.1.6.1 - The Number of departments with recognition by ICMR-CAR, DST-FIST, DBT, MCI, DCI, PCI, AICTE, AYUSH, NACO, WHO, NIH etc. and other similar recognitions by National and/or International agencies

69

File Description	Documents
E-copies of departmental recognition award letters	View File
List of departments and award details (Data Template)	View File
Any other relevant information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants for research projects /clinical trials sponsored by Non-Government sources such as industry, corporate houses, international bodies, endowments, professional associations, endowment-Chairs etc., in the Institution during the year

34.04

File Description	Documents
E-copies of the grant award letters for research projects sponsored by nongovernment organizations	View File
List of project and grant details (Data Template)	View File
Any other relevant information	View File

3.2.2 - Grants for research projects/clinical research project sponsored by the Government funding agencies during the year

80.07

File Description	Documents
E-copies of the grant award letters for research projects sponsored by government agencies	View File
List of projects and grant details (Data Template)	View File
Any other relevant information	View File

3.2.3 - Ratio of research projects/clinical trials per teacher funded by Government/Industries and Non-Government agencies during the year

3.2.3.1 - Number of research projects/clinical trials funded by Government /industries and non-government agencies during the year

16

File Description	Documents
List of research projects and funding details (Data Template)	View File
Supporting document/s from Funding Agencies	View File
Copy of the letter indicating sanction of research project funded by Govt./Non-Govt agency and industry including names of teachers and amount in INR	View File
Any other relevant information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and entrepreneurship with an Incubation centre, entrepreneurship cell

The Vidyapeeth has established DPU Incubation Centre to facilitate and create an eco-system that is required for the entrepreneurial growth of the institution. The constituent units of the Vidyapeeth have established respective Innovation Councils as per the norms of the MHRD's Innovation Cell. It aims at motivating faculty and students for nurturing novel ideas who have a passion for generating new product/process/knowledge. Taking the initiative further, Vidyapeeth has established "DPU FOUNDATION FOR INNOVATION INCUBATION & ENTREPRENEURSHIP" under the Section 8 of Companies Act 2013 for the promotion of Innovation, Incubation & Entrepreneurship, which will work as an incubator and promote to incubate the start-ups. Under this center the Vidyapeeth has initiated the process of filing patents and copyrights. Regular meetings are conducted by the members of the Incubation Cells of the Vidyapeeth at different constituent units for identifying and nurturing the potential ideas. Every year various activities conducted by the cell are uploaded.

File Description	Documents
Geotagged photographs of the facilities and innovations made	View File
Any other relevant information	View File

3.3.2 - Workshops/seminars conducted on Intellectual Property Rights (IPR) Research methodology, Good clinical Practice, Laboratory, Pharmacy and Collection practices, Research Grant writing and Industry-Academia Collaborations during the year

The Institution has a fully functional IPR Cell duly approved by BoM Vide resolution Item No. BM-20-16 . The cell creates awareness and sensitizes researchers on the importance of IPR. Special lectures and workshops have been organized on IPR with the following objectives:

- **Awareness**
- **Guidance**
- **Commercialization**

Total 6 workshops/seminars were organized on IPR during 2020 -2021. In all 4 workshops on research methodology were conducted during the 2020-2021 covering research methodology, good clinical practices, etc. Regular feedback were taken during the workshops and were analyzed. The collaboration and partnership of DPU with industry have helped to improve the quality of education in terms of excellence, modernization, collaboration and self-reliance.DPU has also organized various workshops to strengthen teaching-learning methods. It is done by way of inviting senior industry professionals to share their rich experience with the students. These sessions have helped the students in applying those theoretical concepts into practice. The students of Business School and Biotechnology & Bioinformatics regularly opt for summer internship programs in collaboration with aforementioned industries. Out of the total 89 workshops, 6 workshops were conducted on IPR, 4 research methodology, 67 on good clinical practices and 12 on industry academia collaborations.

File Description	Documents
Reports of the events	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/3-3-2_2610.pdf
List of workshops/seminars on the above conducted during the year	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/3-3-2_2610.pdf
Any other relevant information	View File

3.3.3 - Number of awards / recognitions received for innovation / discoveries by the Institution/teachers/research scholars/students from recognized bodies during the year

3.3.3.1 - Total number of awards/recognitions received by the Institution/teachers/research scholars/students from recognized bodies during the year

4

File Description	Documents
E-Copies of award letters (scanned or soft copy) for innovations with details of awardee and awarding agency	View File
Link to appropriate details on the Institutional website	http://naac.dpu.edu.in/Supplementary/AQARUniversity202021/3-3-3_3158.xlsx
Institutional data in prescribed format (Data Template)	View File

3.3.4 - Number of start-ups incubated on campus during the year

3.3.4.1 - Number of start-ups incubated on campus during the year (a startup to be counted only once)

1

File Description	Documents
Registration letter	View File
E- sanction order of the University for the start-ups on the campus	View File
Contact details of the promoters	View File
List of start-ups- details like name of the start-up, nature, year of commencement etc (Data Template)	View File
Any other relevant information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution has a stated Code of Ethics for research, the implementation of which is ensured by the following Research methodology with course on research ethics Ethics committee Plagiarism check Committee on Publication guidelines

A. All of the Above

File Description	Documents
Institutional code of Ethics document	View File
Course content of research ethics and details of members of Ethics Committee	View File
Copy of software procurement for plagiarism check	View File
Minutes of the relevant committee meetings for the year with reference to the code of ethics	View File
Details of committee on publication guidelines	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

3.4.2 - The Institution provides incentives for teachers who receive state,national or internationalrecognitions/awards. Options: Career Advancement Salary increment Recognition by Institutional website notification Commendation certificate with cash award

A. All of the Above

File Description	Documents
Policy on Career advancement for the awardees	View File
Policy on salary increment for the awardees	View File
Snapshots of recognition of notification in the HEI's website	View File
Copy of commendation certificate and receipt of cash award	View File
List of the awardees and list of awarding agencies and year with contact details for the year	View File
Incentive details (link to the appropriate details on the Institutional website)	View File
Institutional data in prescribed format (Data Template)	View File

3.4.3 - Number of Patents/ Copyrights published/awarded/technology-transferred during the year

3.4.3.1 - Total number of Patents/ Copyrights published/awarded/ technology-transferred during the year

49

File Description	Documents
List of patents/Copyrights and the year they were published/awarded	View File
E- copies of the letters of award/ publication of patent/copyright/ technology-transferred	View File
Technology transfer document	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

3.4.4 - Number of Ph.D/ DM/ M Ch/ PG Degree in the respective disciplines awarded per recognized PG teacher of the Institution during the year

3.4.4.1 - Number of Ph. Ds /DM/M Ch/PG degrees in the respective disciplines awarded per recognized PG teacher of the Institution during the year

430

File Description	Documents
List of PhD/DM/M Ch candidates with details; like name of the guide, title of the thesis, year of award, award letter etc	View File
Web page for research in the Institutional website.	https://dpu.edu.in/PhDResearchPolicy.aspx
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

3.4.5 - Number of research papers per teacher in the approved list of Journals in Scopus / Web of Science/ PubMed during the academic year

File Description	Documents
List of research papers by title, author, department, name and year of publication and Scopus/Web of Science/PubMed list ref. No: (Data Template) /link	View File
Names of the indexing databases	View File
Any other relevant information	View File

3.4.6 - Number of research papers per teacher in the approved list of Journals notified in UGC-CARE list during the academic year

3.4.6.1 - Number of research papers in the approved list of Journals notified on UGC website during the year

538

File Description	Documents
List of research papers with title, author, department, name and year of publication and UGC list ref. No: (link)	http://naac.dpu.edu.in/Supplementary/AQARUniversity202021/3-4-6_2296.xlsx
Names of the indexing databases	View File
Any other relevant information	View File

3.4.7 - Number of books/ chapters in edited volumes and papers in National/International conference-proceedings published per teacher and indexed in Scopus/Web of Science/ PubMed UGC-CARE list during the year

3.4.7.1 - Number of books/ chapters in edited volumes and papers in National/International conference-proceedings published per teacher and indexed in Scopus/Web of Science/ PubMed during the academic year

71

File Description	Documents
List of books and chapters in edited volumes / books published (Data Template)	View File
List of names of publishers: National/ International	View File
Any other relevant information	View File

3.4.8 - Bibliometrics of the publications during the calendar year based on average Citation Index in Scopus/ Web of Science

3940

File Description	Documents
List of the publications during the year	View File
Any other relevant information	View File

3.4.9 - Provide Scopus/ Web of Science – h-index of the Institution for the academic year

21

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any other relevant information	View File

3.5 - Consultancy

3.5.1 - Institution has a policy on IPR and consultancy including revenue sharing between the Institution and the individual, besides a training cum capacity building programme for teachers, students and staff for undertaking consultancy

IPR & Consultancy policy displayed on Vidyapeeth website passed through BoM resolution vide BM-26-16 and BM-39-18, offers academic and progressive growth besides charity distribution of advanced sciences, alleviation of human sufferings and betterment of human life.Revenue from licensing of IP and royalty is shared between the inventors and Vidyapeeth. The Vidyapeeth reassigns the right of IP to inventors andinventors reimburses all costs incurred by Vidyapeeth forprotection, maintenance, marketing and other expenses. The inventors reassign the right of IP to Vidyapeeth, Vidyapeeth reimburses all the costs incurred by inventors for the above purpose. The Centre conducts workshops and seminars on IPR and entrepreneurship for students and faculties on protection of IP, promote entrepreneurial skills besides providing logistical support from Ideation, incubation to post incubation stage.Constituent units have filed 49 patents/copyrights during the year. Faculties have undertaken Innovation Ambassador Training from Ministry of Education, Innovation Cell.Consultancy Policy of Vidyapeeth provides guiding principles and procedures for consultancy services by faculties, provided it does not conflict with the interests of the University. Consultancyservices have stimulated research and scholarly exchanges besides applying knowledge for solving real life problems. Faculties facilitate knowledge and technology transfer towards economic and social impact.

File Description	Documents
Minutes of the Governing Council/ Syndicate/Board of Management related to IPR and consultancy policy	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/3-5-1_3078.pdf
Link to the soft copy of the IPR and Consultancy Policy	https://dpu.edu.in/documents/Consultancy-Policy-Document-ver1.pdf
List of the training / capacity building programmes conducted during the year	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/3-5-1_3079.pdf
Any other relevant information	https://dpu.edu.in/documents/other/Intellectual-Property-Rights-Policy-ver1.pdf

3.5.2 - Revenue generated from advisory / R&D consultancy projects (exclude Patients consultancy) including Clinical trials during the year

3.5.2.1 - Total amount generated from consultancy during the year (INR in lakhs)

19.92657

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy/clinical trials	View File
CA certified copy/Finance Officer Certified copy attested by head of the Institution	View File
List of consultants and revenue generated by them (Data Template)	View File
Any other relevant information	View File

3.6 - Extension Activities

3.6.1 - Extension and outreach activities such as community Health Education, Community health camps, Tele-conferences, Tele-Medicine consultancy etc., are conducted in collaboration with industry, Government and Non- Government Organisations engaging NSS/NCC/Red Cross/YRC, Institutional clubs etc., during the year

3.6.1.1 - Number of extension and outreach Programs conducted in collaboration with industry,

community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

157

File Description	Documents
Photographs or other relevant supporting document	View File
Detailed program report for each extension and outreach program with specific mention of number of students and collaborating agency participated	View File
Description of participation by NSS/NCC/Red cross/YRC, Institutional clubs etc., for the year	View File
Any other relevant information	View File

3.6.2 - Number of students participating in extension and outreach activities beyond the curricular requirement as stated at 3.6.1

2995

File Description	Documents
Reports of the events organized	View File
Number of extension and outreach activities conducted with industry, community health camps etc.., for the year (Data Template)	View File
Geo tagged Photos of events and activities	View File
Any other relevant information	View File

3.6.3 - Number of awards and recognitions received for extension and outreach activities from Government / other recognized bodies during the year

The Vidyapeeth is committed to realize its social responsibility through meaningful and purposeful extension and outreach activities and has received 21 National and International awards and recognitions from the Government and other recognized bodies.

Mahatma Gandhi National Council of Rural Education Department of

Higher Education, Ministry of Education, Government of India recognized DPU, institute as Social Entrepreneurship, Swachhta & Rural Engagement Cell Institution.

Government of Maharashtra has applauded the efforts of the Vidyapeeth, for conducting COVID VACCINATIONS and Counselling to Migrant workers during COVID-19 pandemic at Dr. D.Y.Patil Medical College and Research center, Pune.

Nirmal Gram Panchayat Jambe awarded certificate of appreciation for Mask Distribution Drive to Biotechnology institute.

Gram Panchayat Bhose, Solu, Wadgaon, Koyali and charholi also awarded certificate of appreciation for Various Swachhta activities by Department of PSM of Dr. D.Y.Patil Medical College and Research center, Pune.

The Vidyapeeth has been appreciated for its magnanimous support in conducting Blood Donation Camps, and for its participation in World AIDS day, International Nursing Day, Breast Feeding Week, World Mental Health Day and Organ Donation Week.

File Description	Documents
Number of awards for extension activities in the year- e-copy of the award letters	View File
List of Government/other recognized bodies that have given the awards	View File
Any other relevant information	View File

3.6.4 - Institutional social responsibility activities in the neighborhood community in terms of education, environmental issues like Swachh Bharath, health and hygiene awareness, delivery of free/ subsidized health care and socio-economic development issues carried out by the students and staff, including the amount of expenditure incurred during the year

There is a 360 degree involvement of the Vidyapeeth in healthcare associated extension activities, from sensitization to curing, healing and well-being of the people and society. Most courses have extension programs incorporated as part of the field practices at Primary Health Centers, Urban Health Centers and Rural Health Training Centers.

Some of the salient contributions of the Vidyapeeth as institutional social responsibility include activities related to Swachh Bharat

Abhiyan, Unnat Bharat Abhiyan, National Service Scheme etc. The various villages have been adopted from the point of view of environmental protection, sanitation, and health care.

- Human Milk Bank takes major role in reducing morbidity and mortality rate.
- Rural Satellite Health Centers with regular clinics at RHCs and UHCs.
- Vidyapeeth has adopted 3 kms of PCMC road for median garden maintenance.
- All the constituent units of Vidyapeeth have received Green Education Campus Certificate for Preventing Pollution, Conserving Natural Resources, and Complying Environmental Regulatory Requirements by TQV Certification Pvt Ltd.
- The Vidyapeeth makes use of mobile dental and medical van, audiovisual aids, and trained artists as well as the assistance of NGOs and government organization in conducting these programs.

File Description	Documents
Geotagged photographs of Institutional social responsibility activities	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/3-6-4_2619.pdf
Link for additional information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/3-6-4_2500.pdf
Link for additional information	https://naacdata.dpu.edu.in/Supplementary/University/4-2-3_22254.pdf

3.7 - Collaboration

3.7.1 - Number of Collaborative activities for research, faculty exchange, student exchange/ Industry-internship etc conducted during the year

3.7.1.1 - Total number of Collaborative activities for research, faculty exchange, student exchange during the year

215

File Description	Documents
List of Collaborative activities for research, faculty exchange etc.., (as per Data Template)	View File
Certified copies of collaboration documents and exchange visits	View File
Link with collaborating Institution's website	https://www.his.se/en/about-us/cooperation/bios/internationalisering/international-exchange-programme-dpu/
Any other relevant information	View File

3.7.2 - Presence of functional MoUs with Institutions/ industries in India and abroad for academics, clinical training / internship, on-the-job training, project work, student / faculty exchange, collaborative research programmes etc., during the year

3.7.2.1 - Number of functional MoUs for faculty exchange, student exchange, academics, clinical training, internship, on-the-job training, project work, collaborative research programmes etc., during the year

27

File Description	Documents
E-copies of the functional MoU's with institution/ industry/ corporate house, Indicating the start date and completion date	View File
Institutional data in prescribed format	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate physical facilities for teaching –learning, skills acquisition etc.

Dr. D. Y. Patil Vidyapeeth, Pune has its spacious campus of 42.5 acres at Pimpri and Tathawade in the Pimpri-Chinchwad Municipal Corporation, an urban area. It comprises the following:

ICT-enabled Classrooms and seminar halls: Academic infrastructure of nine constituent units includes 67 well equipped Classrooms, 150 Demonstration rooms, and 48 Seminar Halls.

Facilities for Clinical learning: There are 2011 beds of Medical hospital, 425 Dental chairs, 325 of Ayurved hospital and 43 Homoeopathy hospital for bed side clinical teaching- learning.

Learning in the Community: DPU has ten Satellite Health Centers covering Rural (RHTC) and Urban (UHTC) areas.

Provisions of Museums and Skill Labs:

Provisions of physical infrastructure, learning resources, clinical learning resources, health care facilities, museums, skill laboratories are over and above the requirements of Regulatory Bodies.

Animal House:

Animal house is registered under Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA) (14/02/2017, R.No.619/PO/02/ReBI/S/02/CPCSEA) and maintained by Department of Pharmacology.

AYUSH Related Learning Cum Therapy Center

As a part of AYUSH systems of medicine during multi-diagnostic camps Ayurveda and Homoeopathy Hospitals provide a wide variety of treatments for acute and chronic medical conditions. In-house teaching pharmacy 'Sudhatatava' is GMP (MH/PZ3/ GMP/6095400) certified.

File Description	Documents
Teaching- learning and skills acquisition facilities in the Institution	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-1-1_2998.pdf
Geotagged photographs of the facilities	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-1-1_2760.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-1-1_3051.pdf

4.1.2 - The Institution has adequate facilities to support physical and recreational requirements of students and staff: sports, games (indoor, outdoor), gymnasium, auditorium, yoga centre etc. and for cultural activities

Dr. D. Y. Patil Vidyapeeth has adequate facilities for Sport and Cultural activities. These are described as follow:

Sports Facilities:

The DPU has made provision for quality and standard indoor/outdoor sports facilities with multi-gym and fitness centre.

Outdoor sports facilities:

Playgrounds are available in the campus for outdoor games like Sport ground (3496m2), two Volleyball grounds (420m2), two Basketball grounds (910m2), Tennis Court (223m2), Kho-Kho, Baseball, Handball, Kabaddi, Archery, etc.

Indoor sports facilities:

Facilities for indoor games like Table tennis (646m2), Badminton (200m2), Carrom and Chess with trained, qualified instructors, are provided at hostels for boys and girls separately.

Cultural Facilities:

Auditorium is available for celebration of Annual Day Function, various cultural days, cultural competitions etc. based on prior notice and booking.

Yoga Centre - Yoga, meditation and aerobics classes are practiced by students regularly for self-discipline, concentration, fitness and relaxation. Ayurveda College has certificate course on yoga.

Recreational facilities — Two Auditoriums are available with 1000 and 250 Capacity that is used for cultural and other student council activities.

Gymnasium: DPU has provided well-equipped four gymnasiums, two for boys, two for girls and one open gymnasium. Zumba Dance facility is also available at Gymnasium.

File Description	Documents
Available sports and cultural facilities: with geotagged photos	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-1-2_2763.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-1-2_3052.pdf

4.1.3 - Availability and adequacy of general campus facilities and overall ambience

DPU provides adequate amenities with safe and comfortable learning environment. These include:

Hostels: Total built-up area of the hostel is 47,240 m2. The details are as follows:

- **Separate hostels for girls (738 rooms) and boys (252 rooms) with 2095 and 651 capacities respectively.**
- **Interns hostel of 94 rooms with total 255 capacity.**
- **Staff quarters of 70 flats.**
- **Nurses hostel (140 rooms) with 380 capacities.**

Medical facilities: Students have access to complete health care needs.

Canteen: The DPU has made provisions of canteen in each constituent unit with adequate facilities.

Toilets: Adequate numbers of clean and well-maintained washrooms are available.

Banks and Post office: The DPU campus has ATM facility of Union bank and IDBI Bank. Post office is in the vicinity at walkable distance.

Roads and signage: The Internal roads are well maintained with proper signage for easy location finding.

Greenery:

The DPU has been certified as Green Education Campus by TQV.

Alternate sources of energy:

Massive drive for providing alternative energy resource by way of harvesting solar power.

Sewage Treatment Plant (STP) - The Vidyapeeth has four STPs with the total sewage handling capacity of 1170 m3/day.

Water Purification Plant: Water Purification system is installed for providing purified water at all constituent units.

File Description	Documents
Geotagged Photographs of Campus facilities	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-1-3_2766.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-1-3_3053.pdf

4.1.4 - Number of expenditure incurred, excluding salary, for infrastructure development and augmentation during the year

4.1.4.1 - Number of expenditure incurred, excluding salary, for infrastructure development and augmentation during the year (INR in lakhs)

3325.80

File Description	Documents
Audited report / utilization statements (highlight relevant items)	[View File](#)
Details of budget allocation, excluding salary during the year (Data Template)	[View File](#)
Any other relevant information	[View File](#)

4.2 - Clinical, Equipment and Laboratory Learning Resources

4.2.1 - Teaching Hospital/s, Equipments, Laboratory and clinical teaching-learning facilities including equipment as per the norms of the respective Regulatory Bodies

Teaching Hospitals: The details are as follows

Teaching Hospitals

Beds / Chairs

Medical

2011

Dental

425

Ayurveda

325

Homeopathy

43

Medical Hospital:

The Medical Hospital is NABH accredited having pivotal infrastructure that supports innovative teaching programs. Eighteen modular OTs of International Standards, twenty-five dialysis units and two Cath-Labs are available. Medical tourism has been started and Superspeciality services are existing that meet latest global

standards.

Dental Hospital: The Dental Hospital is NABH accredited with state-of-art Dental Implant Centre facilities that are used in imparting quality education to the students.

Ayurveda Hospital: Ayurveda Hospital is NABH accredited with excellent Panchakarma Facility. Pharmacy manufactures Ayurvedic medicines and variety of Cosmetics/ Neutraceuticals for OPD/IPD patients.

Homeopathy Hospital: The hospital is NABH accredited.

Physiotherapy Services: Physiotherapy OPD is equipped with latest therapeutic modalities to provide best possible care with great safety and efficiency.

Nursing Services: Nursing service is part of Medical Hospital to satisfy the health care needs of the patients.

Institute of Optometry and Visual Sciences: In-house clinical services offered.

Laboratories: There are 110 laboratories in the constituent units of the Vidyapeeth. Molecular diagnostic laboratory is NABL certified.

Equipment: Vidyapeeth has procured sophisticated equipment for teaching hospitals to enhance facilities required by faculty, students and stakeholders.

File Description	Documents
The facilities as per the stipulations of the respective Regulatory Bodies with Geotagged photos	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-2-1_2771.pdf
List of facilities available for patient care, teaching- learning and research with geotagged evidences	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-2-1_2770.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-2-1_3054.pdf

4.2.2 - Describe the adequacy of both outpatients and inpatients in the teaching hospital vis–a–vis the number of students trained and programmes offered (based on HIMS / EMR)

There is adequacy of both outpatients and inpatients in the Medical, Dental, Ayurveda and Homoeopathy hospitals. The numbers are adequate as per the norms of concerned statutory regulatory authorities and exceed the minimum requirement.

The comparison of average number of patients per year treated as outpatients and inpatients in the teaching hospitals as follows:

AY 2020-2021

OPD

1806678

IPD

172249

- The hospitals have well equipped surgical suites for minor and major surgeries. Average of about 75 major & minor surgeries are being carried out in both hospitals every month with facility of live telecast.

- Daily of 6,675 Pathology, Biochemistry and Microbiology investigations and 1,030 daily radiological investigations are conducted.

Hospital Information Management System (HIMS)

A complete HIMS is developed by the Software Development Cell (SDC) of the Vidyapeeth. The students of Medical, Dental, Ayurveda, Homoeopathy, Nursing, Physiotherapy and Optometry are trained to use the HIMS.

Through regular clinical and multi-specialty postings the students get hands-on training in the respective teaching hospitals. Experience based training includes case study, case presentation, seminars, symposia, bedside teaching,

and patient's management. Students are also regularly trained to use HIMS modules.

File Description	Documents
Outpatient and inpatient statistics for the year	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-2-2_3012.pdf
Description of the adequacy of outpatient and inpatient statistics as per the norms of the Regulatory Bodies (critical documents to be verified by DVV)	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-2-2_2772.pdf
Link to hospital records / Hospital Management Information System	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-2-2_3055.pdf

4.2.3 - Availability of infrastructure for community-based learning. Institution has: Attached Satellite Primary Health Centers Attached Rural Health Centers for training of students Attached Urban Health Centre for training of students Residential facility for students / trainees at the above peripheral health

A. All of the Above

File Description	Documents
Geotagged photographs of Health Centers	View File
Government Order on allotment/assignment of PHC to the Institution	View File
Documents of resident facility	View File
Any other relevant information	View File

4.2.4 - Is the Teaching Hospital / Clinical Laboratory accredited by any National Accrediting Agency? NABH accreditation NABL accreditation International accreditation like JCI., ISO certification of departments /Institution GLP/GCLP accreditation.

A. All of the Above

File Description	Documents
Copies of the Certificate/s of Accreditations	View File
Any other relevant documents	View File
Data Template in prescribed format	View File

4.3 - Library as a Learning Resource

4.3.1 - Library is automated using Integrated Library Management System (ILMS)

DPU has state-of-the-art Learning Resource Centre rich in collection of books, journals, e-books, and e-journals as well as all the e-databases catering to needs of teaching learning and research.

Name and features of the ILMS software: OPAC and an in-house developed DPU-ERP [Version 3] Nature and extent of automation: fully automated Year of commencement and completion of automation: Commenced in 2014 and completion of automation in 2018

DPU has ensured best library resources at every constitute unit. Each department has also its own departmental library. All the libraries subscribe to both print and e-journals of repute. They also subscribe to standard databases that include EBSCO HOST,

SCOPUS, J-GATE, KNOWLEDGE HUB, and ELSEVIER CLINICALKEY and CLINICALFLEX STUDENT. The database facilitates search for title, subject, author, publisher, and keywords.

Every constitute unit has its own Library Committee. This committee is renewed and reconstituted at regular intervals. It meets at least twice in a year and makes recommendations regarding new purchases, library organization, facilities and so on.

Biometric attendance system: Entry and exit for all users from the library register their attendance in the library through biometric attendance system.

Radio Frequency Identification (RFID) system is used in registration and as anti-theft protection.

File Description	Documents
Geotagged photographs	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-3-1_2776.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-3-1_2975.pdf

4.3.2 - Number of books and reference volumes as well as collection of ancient books, manuscripts, Digitalized traditional manuscripts, Discipline-specific learning resources from ancient Indian languages, special reports or any other knowledge resource for library enrichment especially with reference to traditional systems of medicines

Learning Resource Centre has an excellent collection of printed rare books and manuscripts. They Vidyapeeth subscribe to e-journals, e-databases, and periodicals. Library Services include reference, lending, e- info retrieval, browsing, photocopying, books on demand, book exhibition, new arrival counter, readers' awareness etc.

Every constituent unit has ensured the availability of best library resources to students which follows open access system. The library has added a total of 3069 books and 1707 reference books in AY 2020-2021.

The ancient books include books that are of vintage publication year, special editions, first editions, out of print books, original manuscripts and books related to traditional Indian medical systems.

The ancient and traditional books useful for the students and faculty members are made available by providing important links on the library portal of DPU. The search for procuring knowledge resources for enrichment of the library is continuous and on-going. In addition to this every department of the constituent units has its own discipline specific library resources.

File Description	Documents
Library acquisition data for the year	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-3-1_2977.pdf
Any other relevant information	View File

4.3.3 - Does the Institution have an e-Library with membership/ subscription for the following e – journals / e-books consortia e - ShodhSindhu Shodhganga SWAYAM Discipline-specific Databases   A. All of the Above

File Description	Documents
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc. (Data Template)	View File
E-copy of subscription letter/membership letter or related document with the mention of year	View File
Any other relevant information	View File

4.3.4 - Annual expenditure for purchase of books and journals (including e-resources) during the year

4.3.4.1 - Annual expenditure for purchase of books and journals during the year (INR in lakhs)

424.62

File Description	Documents
Provide consolidated extract of expenditure for purchase of books and journals during the year duly attested by Finance Officer	View File
Audited Statement highlighting the expenditure for purchase of books and journal library resources	View File
Proceedings of Library Committee meetings for the year for allocation of fund and utilization of fund	View File
Details of annual expenditure for purchase of books and journals for the year (Data Template)	View File
Any other relevant information	View File

4.3.5 - E-content resources used by teachers/students Other MOOCs platforms SWAYAM Institutional LMS e-PG-Pathshala Any other Government Initiatives

B. Any 4 of the Above

File Description	Documents
Give links or upload document of e-content developed	View File
Supporting documents from the hosting agency for the e-content developed by the teachers	View File
Give links e-content repository used by the teachers / Students	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-3-5_3013.pdf
Data Template	View File

4.4 - IT Infrastructure

4.4.1 - Number of classrooms, seminar halls and demonstration rooms linked with internet /Wi-Fi enabled ICT facilities (data for the preceding academic year)

4.4.1.1 - Number of classrooms, seminar halls and demonstration room with ICT facilities

265

File Description	Documents
Number of classrooms, seminar halls and demonstration room with ICT enabled facilities (Data Template)	View File
Description of new facilities added during the preceding academic year	View File
Consolidated list duly certified by the Head of the institution	View File
Geotagged photographs	View File
Any other relevant information	View File

4.4.2 - Institution frequently updates its computer availability for students and IT facilities including Wi-Fi

The DPU has state-of-the-art Data Centre with separate IT and SDC units. Data Centre provides comprehensive technical IT support including software development, procurement and maintenance of hardware and liaising with software providers.

The DPU has about 1669 computers of which 1071 have been utilized exclusively for academic purpose by the students and the faculty members and the remaining are used for administrative work.

The computer facility in the library is utilized effectively by students for accessing e-learning resources from morning till evening. Frequent up-gradation of IT infrastructure has ensured high speed connectivity to these computers that are readily available to the faculty members and students. Hostels are also having Wi-Fi connectivity.

Up-gradations:

Wi-Fi services are available in classrooms, library and all the buildings of the Vidyapeeth. The classrooms have been upgraded with interactive display boards/ TVs making learning more effective. In addition, audio-video recording facility has been created for the development of e-content. The e-content is then uploaded on Vidyapeeth portal for access by the students for learning.

The installation of Hypervisor i.e. (Virtualization) has converted physical server into multiple virtual machines for each database module eliminating future purchases.

File Description	Documents
Documents relating to updation of IT and Wi-Fi facilities	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-4-2_3014.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-4-2_3113.pdf

4.4.3 - Available bandwidth of internet connection in the Institution (Leased line)   **A. ?1 GBPS**

File Description	Documents
Details of available bandwidth of internet connection in the Institution	View File
Bills for any one month of the last completed academic year indicating internet connection plan, speed and bandwidth	View File
Annual subscription bill / receipt	View File
Any other relevant information	View File

4.4.4 - Facilities for e-content development such as Media centre, audio visual centre, Lecture Capturing System (LCS), etc.

DPU e-content development facilities such as a high-tech Media Centre and Lecture recording capability. The e-content development and the associated web-based learning complements teaching learning process. To include e-Content in learning, DPU has taken necessary steps to develop infrastructure.

- **Establishment of State-of-art AV studio for preparation of e-content:**

Dr. D. Y. Patil Vidyapeethhas its own e-content development facility for learning innovations. This caters to the needs of student's preparation of high-quality e-content

- **Lecture Capturing System (LCS):**

DPU makes use of lecture capturingwhere all classes are recorded in real time and made available on theVidyapeethonline platform.

The content development, editing and publishing are well defined processes at DPU. Content is peer reviewed and checked for quality and plagiarism. For new program development, a thorough process is followed right from need assessment to courseware development. The program development process at DPU goes through three stages namely: program formulation, instructional design and development of courseware.

The software used is Shortcut open-source video editor, iMovie video editing for Mac, Audacity and Catwalk by Bandlab for audio editing and mixing, Adobe Premier and Adobe Aftereffect. The teachers and students are making use of e-resources through e-library and internet connectivity.

File Description	Documents
The e-content development facilities	https://naacdata.dpu.edu.in/Supplementary/University/4-4-4_16844.pdf
Geotagged photographs	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-4-4_2781.pdf
Any other relevant information	http://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-4-4_3162.pdf

4.5 - Maintenance of Campus Infrastructure

4.5.1 - Number of expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

6375.83

File Description	Documents
Audited statements of accounts on maintenance	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Template)	View File
Link to ERP	http://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-5-1_3161.pdf
Any other relevant information	View File

4.5.2 - There are established systems and processes for maintaining physical and academic support facilities: (laboratory, library, sports facilities, computers, classrooms, etc.)

Each constituent unit has a Maintenance Cell with designated personnel and officials for the maintenance of buildings, classrooms, laboratories, and other campus facilities. Maintenance cell meetings are held quarterly.

ICT Maintenance:

The Vidyapeeth has an independent IT Department for maintaining the IT infrastructure and resources. Annual maintenance contracts with the suppliers of ICT based instrumentation; hardware and software are in place.

Electrical and electronic maintenance:

- The Vidyapeeth has an engineering section that looks after maintenance of electrical installations, lifts, water coolers, air conditioners and generators.

Maintenance of Physical Facilities:

- A team of skilled personnel carry out maintenance work related to civil, plumbing, sanitation, water supply, power backup, electric supply, as well as repair of instruments and machines. The maintenance cell undertakes repair work at constituent units, hospitals, support services, hostels, sports and other central facilities.

Academic Support facilities:

Library: The Library committee takes care of the safety and other maintenance issues related to library.

Laboratory: Each constituent unit laboratory has systems for preventive measures and maintenance records.

Sport Facilities: DPU Sports Department which takes care of sport equipment and maintenance of ground.

Computers and classrooms: The computers, Wi-Fi facilities in classrooms, LAN connectivity is maintained and upgraded regularly

File Description	Documents
Minutes of the meetings of the Maintenance Committee for the year	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-5-2_2954.pdf
Log book or other records regarding maintenance works	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-5-2_2951.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-5-2_2950.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships /free-ships / fee-waivers by Government / Non-Governmental agencies / Institution during the year

5.1.1.1 - Number of students benefited by scholarships /freeships / fee-waivers by Government / Non-Governmental agencies / institutions during the year

2067

File Description	Documents
Attested copies of the sanction letters from the sanctioning authorities	View File
Consolidated document in favour of freeships and number of beneficiaries duly signed by the Head of the institution	View File
List of students for the year who received scholarships/ freeships /fee-waivers	View File
Any other relevant information	View File

5.1.2 - Institution implements a variety of capability enhancement a n d o t h e r s k i l l s development schemes Soft skills development Language and communication skill development Yoga and wellness Analytical skill development Human value development Personality and professional development Employability skill development

A. All of the Above

File Description	Documents
Detailed report of the Capacity-enhancement programs and other skills development schemes	View File
List of capability enhancement and skill development schemes (Data Template)	View File
Link to Institutional website	https://dpu.edu.in/capability-enhancement-skills-year-2020-21.aspx
Any other relevant information	View File

5.1.3 - Number of students benefited by guidance for competitive examinations and career advancement offered by the Institution during the preceding academic year

5.1.3.1 - Number of students benefited by guidance for competitive examinations and career advancement offered by the Institution during the preceding academic year

2626

File Description	Documents
Copy of circular/brochure of such programs	View File
List of students attending each of these schemes signed by competent authority	View File
Program/scheme mentioned in the metric	View File
List of students (Certified by the Head of the Institution) benefited by guidance for competitive examinations and career advancement offered by the Institution during the preceding academic year (Data Template)	View File
Any other relevant information	View File

5.1.4 - The Institution has an active international student cell

The International Student Cell (ISC) is functioning at DPU with the objective of attracting international students and ensuring an inclusive environment for their holistic development. DPU is committed to provide student support services which ensures the progress of international students. International Students Cell works for the all-round development by a number of formal and informal systems, and strategies. Every constituent unit has a Mentorship Committee which provides them academic and psychological supportand solves their personal as well as professional issues and guides them through various phases of academic and personal development during their stay at the Vidyapeeth. Language classes and training sessions are arranged for them to overcome the linguistic barrier of the international students and to teach them the local language especially during the first year of their academic programme. Other committees like Hostel and Counselling committees are also constituted to look after these students. The services related to food and accommodations are monitored. Health issues especially during COVID 19 Pandemic are taken care of by regular health check-ups. These students are always encouraged by the ISC to participate in co-curricular and extra-curricular activities like seminars, symposia, sports, cultural events and Annual Day functions.

File Description	Documents
International students' cell	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/5-1-4_3059.pdf
Any other relevant information	https://dpu.edu.in/international-student-cell.aspx

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances / prevention of sexual harassment and prevention of ragging   Adoption of guidelines of Regulatory Bodies Presence of the committee and mechanism of receiving student grievances (online/ offline) Periodic meetings of the committee with minutes Record of action taken

A. All of the Above

File Description	Documents
The Institution has a transparent m	View File
Circular/web-link/ committee report justifying the objectives of the metric	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/5-1-5_3082.pdf
Details of student grievances and action taken (Data Template)	View File
Any other relevant information	View File

5.2 - Student Progression

5.2.1 - Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/ GPAT/CAT/ GRE/TOEFL/ PLAB/ USMLE /Civil services/ Defense/UPSC/State government examinations/ PG-NEET/ AIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,) during the preceding academic year

151

File Description	Documents
Number of students qualifying in state/ nation	[View File](#)
Pass Certificates in the examination	[View File](#)
Any other relevant information	[View File](#)

5.2.2 - Number of placement /self-employed professional services of outgoing students during the preceding academic year

5.2.2.1 - Number of outgoing students who got placed / self-employed during the preceding academic year

911

File Description	Documents
Self-attested list of students placed / self-employed	[View File](#)
Details of student placement / self-employment during the preceding academic year (Data Template)	[View File](#)
Any other relevant information	[View File](#)

5.2.3 - Number of the graduates in the preceding academic year, who have had progression to higher education

5.2.3.1 - Number of outgoing students progressing to higher education

142

File Description	Documents
List of students who have progressed to Higher education preceding academic year	[View File](#)
Supporting data for students/alumni	[View File](#)
Details of student progression to higher education (Data Template)	[View File](#)
Any other relevant information	[View File](#)

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/ cultural activities at state/regional/national/international events (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at state/regional /national/international events (award for a team event should be counted as one) during the year

6

File Description	Documents
e-copies of award letters and certificates	<u>View File</u>
List of awards/medals for outstanding performance in sports/cultural activities at national/international events during the year (Data Template)	<u>View File</u>
Any other relevant information	<u>View File</u>

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

DPU has its a vibrant Student Council comprisingof members from the administration & various General Secretaries representing all 9constituent units. The Student Council is constituted in accordance with the bye-laws of the Vidyapeeth.

Due to Covid 19 pandemic, gathering of students was avoided, therefore under the guidance of the Director, Student Welfare, the Student Council of DPU has conductedvarious co-curricular and extra-curricular activities virtually, like singing competition, chess, debates/quizzes, photography, various activities of NSS like extempore events, throughout the year which helped in boosting the psychological& mental health of the students.

The Council supported the community and needy people by providing services during COVID 19 pandemic by distributing masks & sanitizers, & conducting various Covid awareness webinars & camps

Members of the Student Council also bridge the gap between students and the administration. They promote friendship and harmony amongst students besides representing views of the students. Students are actively involved in community-oriented research activities. They represent views of students on various academic and administrative bodies like IQAC, Library Committee, Anti-ragging Committee, Grievance Redressal Cell, etc. This helps in inculcating leadership

qualities and democratic functioning in the young professionals

File Description	Documents
Student Council activities during the year	http://naac.dpu.edu.in/Supplementary/AQARUniversity202021/5-3-2_3077.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/5-3-2_3063.pdf

5.3.3 - Number of sports and cultural activities / events/ competitions organised in the Institution during the year

5.3.3.1 - Number of sports and cultural activities / competitions organised by the Institution during the year

22

File Description	Documents
Report of the events/along with photographs appropriately dated and captioned	View File
Copy of circular/brochure indicating such kind of activities Information as per Data template	View File
Any other relevant information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapter (registered and functional) has contributed significantly to the development of the Institution through financial and other support services during the year

All constituent units of DPU have vibrant Alumni Associations, registered under the Societies Registration Act 1860. Alumni of all institutes contribute significantly to the development of the institution. Alumni contributed Rs. 4,69,852/- for the development of institution. Alumni participate in various activities including career-advancement lectures, how to build up Professional practice, career guidance, seminars on current trends, etc. for the comprehensive development of the students. This helps the students in preparing themselves for growth and development of their professional career in advance. Enthusiastic and energetic alumni of DPU organized activities including Annual Meet, and Extracurricular activities. Alumni of Nursing College have provided financial support to the students in the form of scholarships. Alumni have

donated 59 books and bone set for students. The Annual General Body meetings are held every year. During alumni meet, activities of the previous year are reviewed and planned for the forthcoming year. They also share their progress and job profiles which inspires the present students and their fellow-mates. Feedback is taken from alumni regularly, which helps in upgrading the curriculum considering current needs. Alumni also help to boost the placement activities of constituent unit by providing information on career opportunities/Jobs and campus interviews.

File Description	Documents
Details of Alumni Association activities for the year	View File
Frequency of meetings of Alumni Association with minutes	View File
Quantum of financial contribution for the year	View File
Audited statement of accounts of the Alumni Association for the year	View File

5.4.2 - Provide the areas of contribution by the Alumni Association / chapters during the year Financial / kind Donation of books /Journals/ volumes Students placement Student exchanges Institutional endowments   A. All of the Above

File Description	Documents
Annual audited statements of accounts. Extract of Audited statements of highlighting Alumni Association contribution duly certified by the Finance Officer and Head of the Institutions	View File
List of Alumni contributions made during the year	View File
Certified statement of the contributions by the head of the Institution	View File
Any other relevant information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The Institution has clearly stated Vision and Mission which are reflected in its academic and administrative governance

```
Vision:

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

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".

Both the vision and mission statements have been approved by the
Board of Management (vide its resolution BM-43-14 dated 20-01-2014)
of DPU and available on the website. (www.dpu.edu.in )

Based on the vision and mission, DPU has continued its academic
journey supported by proactive leadership and benevolent management,
good governance approach and keeping with the commitment to
alleviate human suffering. The governance model of DPU with respect
to Statutory/Non-Statutory/other bodies is as per the revised UGC
(Deemed to be University), Regulations, 2019. Stakeholders of the
Vidyapeeth have always been included in the decision-making process
by their inclusion as members on various bodies/councils and
committees. External experts are also appointed on various boards
for their professional inputs.

The unified efforts of the Vidyapeeth and its stakeholders through
mechanism of decentralization and participative management has led
to timely achievement of the goals and objectives of DPU Vision
2025.
```

File Description	Documents
Vision and Mission documents approved by the Statutory Bodies	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-1-1_2894.pdf
Report of achievements which led to Institutional excellence	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-1-1_3115.pdf
Any other relevant information	View File

6.1.2 - Effective leadership is reflected in various Institutional practices such as decentralization and participative management etc.

Case Study - Timely Response to Covid 19 Pandemic.

The Covid 19 Pandemic was a big challenge to the entire humanity worldwide thataffected the Global Academic system as well.

Dr. D. Y. Patil Vidyapeeth, in accordance with the guidelines put-forth by the Central/State Government and the local municipal Councils, made sure that all Academic, Research, Extension and Clinical activities continued without any halt.

All statutory and Non Statutory bodies, various committees and the IQAC of the Vidyapeeth, in unison with the constituent units streamlined the Academic, Clinical, Research, Extension and Welfare activities by online/offline meetings for deciding and deploying the plan of action in the exceptional scenario of Covid-19. Blended mode of Teaching-Learning and Evaluation (Online/Offline) was adopted as per guidelines from regulatory authorities. Faculty and students were connected through the DPU-ERP for Teaching-Learning as well as evaluation process and students were provided all the e-resources required to meet their curriculum requirements.

The Medical and AyurvedHospital provided Covid-19 care and vaccination services besides distribution of Arsenic Album (Homeopathy Hospital)and engaged in collaborative efforts to combat Covid-19 pandemic.

This decentralized and participative effort made sure that the Academic, Research and Clinical activities continued without any major shortcomings.

File Description	Documents
Information / documents in support of the case study	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-1-2_3103.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-1-2_3114.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The strategic plan of DPU (Vision 2025) was developed by involving all the stakeholders through various bodies/committees, such as Departmental Committees, College Councils, Board of Research, Planning &Monitoring Board, Academic Council and Board of Management.

Vision 2025:

"To develop a knowledge center which will be recognized for its academic pursuit not only in India but also Globally"

The year 2020-2021 was the year of the Covid-19 pandemic but in-spite of this, the Vidyapeeth and its constituent units maintained the momentum towards achieving the goals and objectives laid down in the DPU Vision 2025 document.

Regular interaction of all stakeholders, statutory committee (P&M, BoM, BoS, AC etc.) meetings through offline and online mode and the pro-active steps by the IQAC led to timely implementation of the strategic plan.

Monitoring and assessment of the outcomes were made at regular intervals through monthly review meetings of Deans, Directors, Officers, education units of constituent Institutes and IQAC of the Vidyapeeth and its constituent units and through audits like AAA, ISO, NABH, NABL etc.

Action plans to address shortcomings if any were immediately deployed by respective bodies.

File Description	Documents
Strategic Plan document	[View File]
Minutes of the Governing Council/ other relevant bodies for deployment / monitoring of the deliverables during the year	[View File]
Any other relevant information	[View File]

6.2.2 - Effectiveness and efficiency of functioning of the Institutional bodies as evidenced by policies, administrative setup, appointment and service rules, procedures etc.

Based on UGC (Deemed to be University) Regulations 2019, DPU has established all the Statutory Bodies for the involvement of various stakeholders in the process of participatory decision making and implementation. These include the Board of Management, Academic Council, Finance Committee, Planning and Monitoring Board and Board of Studies. Additionally, the Board of Research, Board of Examinations and Faculty have been constituted.

The effectiveness of these bodies is evident through minutes of meetings and the implementation of their resolutions. These Committees work at various levels for the effective functioning of the Vidyapeeth. Regular meetings are conducted to consider various agenda items and issues to take decisions. Resolutions are made and the appropriate actions are taken by the officers of the Vidyapeeth.

The schedule of meetings of various Statutory Authorities and Committees is as given in the Bye-Laws of the Vidyapeeth and UGC Regulations 2019. Even in the Covid-19 pandemic, the meetings of Statutory bodies were conducted on online/offline/hybrid mode as per protocols to ensure that Administrative, Academic, Clinical and Research activities of the Vidyapeeth did not suffer any shortcomings.

File Description	Documents
Annual Report of the preceding academic year	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-2-2_2489.pdf
Minutes of meetings of various Bodies and Committees for the preceding academic year	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-2-2_3104.pdf
Any other relevant information	https://dpu.edu.in/Docs/Quality-Control/Bye-Laws-ver2.pdf

6.2.3 - The University has implemented e-governance in the following areas of operation Planning and Development Administration (including Hospital Administration & Medical Records) Finance and Accounts Student Admission and Support Examination

A. All of the Above

File Description	Documents
Institutional budget statements allocated for the heads of E-governance implementation ERP Document for the year	View File
e-Governance related document	View File
Screen shots of user interfaces	View File
Any other relevant information	View File

6.3 - Faculty and Staff Empowerment Strategies

6.3.1 - The Institution has effective welfare measures for teaching and non-teaching staff and other beneficiaries.

DPU has a policy to provide all the support and welfare to its Staff and students for achieving excellence in Academics, Clinical Services and Research.

Teaching

- Financial support for attending FDP's.
- Seed money for Research.
- Financial assistance for copyrights and patents.
- Publication incentives.
- Accidental Group Insurance, Professional Indemnity Insurance

- Performance appraisal-based promotion scheme.
- Special leaves to attend FDP, PhD Work and Examinations.
- On-campus accommodation facility.
- Seminars, workshops, conferences, guest lectures and CME are organized by the University as well as by constituent colleges.
- Day-care centre facility.
- Opportunity for higher education.
- DPU Appreciation awards in Administration, Academics and Research
- Medical Facilitites - Vaccination, Annual Health Check-up, Covid-19 Care

Non Teaching

- Provident fund, Accidental Insurance, Professional Indemnity Insurance
- Performance appraisal-based promotion scheme.
- Accommodation facility on the campus.
- Transport facility.
- Day-carefacility.
- Personality development programmes, soft skills, Yoga and Meditation as well as the provision of uniform to class IV staff.
- Free/ Discounted Medical facilities

Students

- DPU Merit Scholarship.
- Seed money for Research.
- Tution fee / Examination late fee waiver
- Hostel facility on the campus.
- Transport facility.
- Sports and recreation facilities within campus.
- Provision of PhD and Post-Doctoral fellowships.
- Stipend to Medical PG Students
- Financial support to attend conferences
- Free/discounted medical facilities.

File Description	Documents
Policy document on welfare measures	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-3-1_2959.pdf
List of beneficiaries of welfare measures	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-3-1_3106.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-3-1_3105.pdf

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

320

File Description	Documents
Details of teachers provided with financial support to attend conferences, workshops etc. during the year (Data Template)	View File
List of teachers provided membership fee for professional bodies during the year	View File
Policy document on providing financial support to teachers	View File
E-copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support under each head	View File
Audited statement of account highlighting the financial support to teachers to attend conferences/workshops and towards membership fee for professional bodies during the year	View File
Any other relevant information	View File

6.3.3 - Number of professional development / administrative training programmes organized by the University for teaching and non- teaching/technical staff during the year (Continuing education programmes, entrepreneurship development programmes, Professional skill

development programmes, Training programmes for administrative staff etc.,)

171

File Description	Documents
List of professional develoment / administrative training programmes organized by the University for the year	View File
The lists of participants who attended the above programmes during the year (Data template)	View File
Detailed program report for each program	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres).	View File
Reports of Academic Staff College or similar centres. Verification of schedules of training programs	View File
Copy of circular/ brochure/report of training program self-conducted program may also be considered	View File
Any other relevant information	View File

6.3.4 - Number of teachers who have undergone Faculty Development Programmes (FDP) including online programmes (Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) during the preceding academic year

298

File Description	Documents
Details of teachers who attended FDPs during the preceding academic year (as per Data Template)	View File
Details of teachers who attended FDPs during the preceding academic year (as per Data Template)	View File
E-copies of the certificates of the programs attended by teacher Any other relevant information	View File

6.3.5 - Institution has Performance Appraisal System for teaching and non-teaching staff

DPU has a well-established Appraisal Policy for its staff.

The Appraisal form of Teaching staff is based on the following points -

- Academic performance and teaching activities.
- Innovation in teaching-learning
- Research Projects guided and research schemes in hand
- Research Articles, books, book chapters, laboratory manuals published and edited.
- Conferences, seminars, workshops attended and papers presented.
- Awards and Recognitions received.
- Mentoring and Guidance to students
- Extra-curricular and co-curricular activities carried out.
- Administrative work done for the College/ Vidyapeeth
- Participation in organizing events and workshops.
- Participation in examination work.
- Feedback from stakeholders.

The aboveperformance appraisal parameters included in the Appraisal Form arefilled by the employee which is then filled by Reporting Officer (Head of the Department) and finally by Reviewing Authority (Dean/Director/Principal).

The report of Self Appraisal of Principal / Dean /Director is reviewed by the Vice-Chancellor of the Vidyapeeth.

Based on the performance appraisal with "Very Good" remark for a minimum of three years and fulfillment of regulatory norms, the

employees are considered for career progression.

Similarly, appraisal of the non-teaching staff is undertaken by the concerned unit Head and reviewed by the Head of the Institution.

The Report of Self Appraisal Analysis is duly approved by theBoM.

File Description	Documents
Performance Appraisal policy of the Institution	View File
Report on the analysis of the Performance Appraisal for the teaching and non-teaching staff for the year as submitted to the Board of Management/ University Senate etc.	View File
Any other relavent information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilization of resources

DPU, Pune is a self-financing institution and the fees collected from the students for various programs and facilities/services act as the major source of income. Fees collected is fixed by the 'Fee Fixation Committee', which is empowered to review and revise the fee structure. The Vidyapeeth allocates the resources under various budget heads following which the institutional budget is prepared by the concerned Head of the institution taking into consideration the annual recurring and non-recurring expenditures. The Finance Committee recommends the budget to the Board of Management for its approval.

The main goal of the strategy for mobilization of funds is to ensure adequate funds flow for maintenance and development expenses for growth and expansion as per DPU-Vision 2025 document.

Additional sources of funding:

1. Hospital income

2. Extra-mural Research Grants and Consultancy services.

3. International MoU's which have attracted foreign-funded projects..

Optimal utilization of financial resources is done through the Annual Budget exercise. Budget is prepared based on the actual expenditure of the previous year and proposed academic and administrative development. This budget is approved and effectively monitored by the Finance Committee and the Board of Management. Approved budget and actual expenditure is monitored by Internal and External audits.

File Description	Documents
Resource mobilization policy document duly approved by BoM / Syndicate / Governing Council	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-4-1_2482.pdf
Procedures followed for optimal resource utilization	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-4-1_2481.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-4-1_2481.pdf

6.4.2 - Funds / Grants received from Government / Non-Government bodies / philanthropists during the years (excluding scholarships and research grants covered under Criterion III)

File Description	Documents
Audited statements of accounts for the year	View File
Copy of letter indicating the grants/funds received by respective agency as stated in the metric	View File
Provide the budget extract of audited statement towards Grants received from Non-Government bodies, individuals, philanthropist duly certified by chartered accountant and/or Finance Officer	View File
Information as per Data template	View File
Any other relevant information	View File

6.4.3 - Institution conducts internal and external financial audits regularly

```
Internal Audit: DPU has a policy for Internal and External Audits
duly approved by the Finance Committee and Board of Management that
ensure financial transactions; pursue the controls and procedures
with reasonable assurance that significant risk is being managed
properly. Documents related to purchase, stores, cash, bank,
maintenance, development passes through the hands of more than two
staff which reduces the risk. While the documents are prepared by an
accountant, they are also verified and authorized by higher
officials.

DPU follows pre-audit to payments procedure wherein after the
document has been verified, it goes for audit by the Chartered
Accountant.


External Audit: DPU follows an external financial audit mechanism.
The financial statements prepared by the institution are
independently audited by a firm of Chartered Accountants. The
external auditor is appointed by the Board of Management on the
recommendation of the Finance Committee.

The external auditor scrutinizes the ledgers of the institution and
makes inquiries in respect of transactions recorded. After
conducting the audit, they express their opinion in the form of an
Audit Report and audited Financial Statements which is placed before
the Finance Committee and BOM for approval. Finally, a consolidated
financial statement of the Vidyapeeth is prepared.
```

File Description	Documents
Policy on internal and external audit mechanisms	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-4-3_2483.pdf
Financial Audit reports for the years	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-4-3_2549.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-4-3_2483.pdf

6.5 - Internal Quality Assurance System

6.5.1 - Instituion has a streamlined Internal Quality Assurance Mechanism

The DPU IQAC aims at promoting excellence through institutional quality parameters andhas contributed significantly for institutionalizing the quality assurance strategies and processes. This has remarkably improvedthe academic and administrative performance as reflected in the achievements of the Vidyapeeth.

Prominent Activities of the IQAC in 2020-2021 -

1. In view of the Competency based Curriculum, Faculty Development Programs related to Outcome based Health Education were conducted by UCPE&FD in association with IQAC. 2. Training programson use of Advanced ERP Modulesand NABH/NABL Accreditations were conducted for Teaching and Non-Teaching Staff. 3. "Saturday Webinar Series" by eminent personalities, focusing primarily on mental well-being of Staff and Students was organized. 4.Medical and Dental Hospitals wereNABH Accredited. 5.ISO Certification forDPU-IQAC and CCL of Medical College was recieved. 6. Interdisciplinary Research Competition "UNMESH-2021" and "2nd Conference on Interdisciplinary Research in Health Sciences" were organized forfaculty and students. 7. Conducted Workshops on "Art of Living"for Staff well-being during the pandemic period. 8. Webinars on IPR, Start-ups, Patent filing, Entrepreneurship and Innovation were organized.

File Description	Documents
The structure and mechanism for Internal Quality Assurance	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-5-1_2558.pdf
Report on the quality sustenance/enhancement initiatives of the IQAC during the year	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-5-1_3116.pdf
Minutes of the IQAC meetings for the year	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-5-1_2562.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-5-1_2557.pdf

6.5.2 - Quality assurance initiatives of the Institution include: Academic and Administrative Audit (AAA) and initiation of follow-up action Conferences, Seminars,

A. All of the Above

Workshops on quality Collaborative quality initiatives with other Institution(s) Orientation programmes on quality issues for teachers and students Participation in NIRF process Any other quality audit by recognized State, National or International agencies (ISO, NABH, NABL Certification, NBA, any other)

File Description	Documents
Report /certificate of the Quality Assurance Initiatives as claimed by the Institutions eg: NBA, ISO, NABH, NABL, AAA etc.,	View File
Data template including documents/certificates relating to options 1 to 6 above	View File
Any other relevant information	View File

6.5.3 - Impact analysis of the various initiatives carried out and used for quality improvement during the year

A clear vision and mission focusing on quality has enabled DPU to earn a place amongst the top-ranked Universities in the country.

The IQAC monitors performance of constituent units through various sub-committees and takes regular review of the same. The DPU IQAC and IQAC of constituent units organize various activities throughout the year for all its stakeholders to continue quality practices in Academics, Research and Healthcare. Quality audits like Internal AAA, ISO, Green and Energy Audits, NABH/NABL etc are conducted/initiated by the IQAC. Feedback from stake holders is used for implementing quality enhancement initiatives.

The impact of Quality initiatives can be perceived from the following achievements by the Vidyapeeth and its constituent units in the year 2020-2021:

- One Super-specialty and ten Fellowship programs were added in AY 2020-2021.
- Syllabus revision of 24% programs.
- Number of courses increased to 949.
- 16 Value added courses were conducted.
- Average teaching experience of faculties - 13.27yrs.
- Increase in Research Publications and h-index.
- Technological upgradation.

- NABH, NABL and ISO accreditation/certification.

- GMP Certification of Sudhatatva Pharmacy.
- Bureau Veritas Certification 2020.
- Certification of Medical Hospital and Yashoda Milk Bank by BPNI & NHMB.
- Consistency in NIRF Ranking 2021.
- Recognized Social Entrepreneurship, Swacchata & Rural Engagement Cell Institution.

File Description	Documents
Relevant documents/information on the process and results of impact analysis on the above aspects	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/6-5-3_3117.pdf
Any other relevant information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the institution for the promotion of gender equity during the year

DPU is proactive in promoting gender equity by ensuring equal access to curricular and co-curricular processes as follows:

- Equal opportunities in learning and career advancement
- Ensuring safe and secure environment
- Speedy Grievance Redressal
- Conduct and implementation of Gender Audit

With implementation of above strategies, today DPU feels proud to have nearly 56.14% staff and students being represented by women.

Measures to strengthen gender equity in the Curriculum are:

- Inclusion of gender equity and related topics in courses
- Encouraging equal participation of both genders in curricular and cocurricular activities
- Inclusion of ethics and ethical practices.

1. To propagate the message of gender inclusiveness following Co-Curricular activities are conducted:

- DPU organizes annual sports meet "URJA" and cultural

extravaganza "DPU-Nite" wherein students of both genders exhibit their talents.
- Celebration of International Women's Day on various themes like women empowerment, women's rights, opportunities for women and financial literacy.
- Gender sensitization programmes like debates, guest lectures and role plays are conducted by Student's Council
- Equal opportunity for career progression is given amongst teaching, hospital, administrative and security staff.

2. Annual Gender Sensitization Action Plan:

- Measures and programs are planned and executed every year to make the working environment healthy.

3. Facilities provided for women include:

a. Safety and Security:

- Considering diversity, personal security of women is given top priority for safeguarding physical, intellectual, and emotional well-being. Special emphasis has been given for providing the following facilities:

  ○ Female security staff and bouncers (24/7)
  ○ CCTV surveillance of entire campus
  ○ Internal Complaints Committees

b. Counselling:

- Full-time clinical psychologist on board for student counselling which helps them in overcoming their personal issues and challenges.
- Mentor Mentee System ensures that the student's academic and personal problems if any are addressed.

c. Common Rooms:

- Common rooms for girls are provided with all the basic amenities.

d. Day Care Centre for young children:

- **Two Day Care Centres have been established with all essential facilities to take care of children.**

e. Internal Complaints Committee:

- **Internal Complaints Committee has been constituted as per U.G.C. guidelines.**

File Description	Documents
Annual gender sensitization action plan	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/7-1-1_2873.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/7-1-1_2874.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. All of the Above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File
Data template in prescribed format	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 100 - 200 words)

DPU has facilities for management of degradable and non-degradable waste complying with guidelines of Maharashtra Pollution Control Board (MPCB). These are as follows:

Solid waste management

Bio- degradable solid waste of canteen and garden is composted in a vermicompost plant installed in DPU campus. Plastic is banned as per directive of Government of Maharashtra and has been strictly observed at DPU.

Liquid waste management

Vidyapeeth has four sewage treatment plants (STP) with a total capacity of 1170 m3/ day to manage the liquid waste. One effluent treatment plant (ETP) with a total capacity of 50 m3/day and two water treatment plants (WTP) with a total capacity of 650 m3/day, have also been installed. The liquid waste management plants have been installed at a cost of more than Rs 65 lacs.

Biomedical waste management

Biomedical waste generated in the Hospitals is disposed as per norms. The waste is collected at the point of generation in prescribed colour coded bags and bins. They are segregated and stored at a specific area and handed over every day to the common disposable facility run by PCMC. All the institutes hold licenses and valid contracts from MPCB, Government of Maharashtra

E-waste management

Vidyapeeth has executed an agreement for disposal of e-waste with J.S. Enterprises along with creating awareness amongst employees and students regarding the same.

Waste recycling system

The wastewater is treated and recycled water is used for landscaping and toilets.

Hazardous chemicals and radioactive waste management

Standard protection protocols and guidelines of Atomic Energy Regulatory Board (AERB) have been followed to ensure protection from radiation. These include:

- `Protection devices like Lead shielding of adequate thickness, thyroid collar etc, is used to prevent exposure to radiation`
- `"Thermoluminescent Dosimeter" badge is used to monitor radiation exposure.`
- `All the equipment and layout plan of the Department of Radio-diagnosis and Imaging are approved by AERB.`
- `Periodic quality assurance, radiation safety survey, and health surveillance is conducted for all radiation generating installations and workers.`
- `Radiation Safety Committee is constituted.`
- `Licenses of all radiology equipment are renewed every five years.`

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/7-1-3_2875.pdf
Geotagged photographs of the facilities	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/7-1-3_2877.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/7-1-3_2876.pdf

7.1.4 - Water conservation facilities available in the Institution Rainwater harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

`A. Any 4 or All of the above`

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include: Restricted entry of automobiles Battery-powered vehicles Pedestrian-friendly pathways Ban on the use of Plastics Landscaping with trees and plants

`A. All of the Above`

File Description	Documents
Geotagged photos / videos of the facilities	[View File](#)
Relevant documents / reports	[View File](#)
Any other relevant documents	[View File](#)
Data template in prescribed format	[View File](#)

7.1.6 - Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives: Green audit Energy audit Environment audit Clean and green campus recognitions / awards Beyond the campus environmental promotion activities Any awards received for green campus initiatives

A. All of the Above

File Description	Documents
Audit reports of the institution related to the metric Data template	[View File](#)
Any other relevant information	[View File](#)

7.1.7 - The Institution has Divyangjan friendly, barrier-free environment Built environment with ramps/lifts for easy access to classrooms. Divyangjan friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for Divyangjan to access NAAC for Quality and Excellence in Higher Education AQAR format for Health Sciences Universities Page 68 website, screen-reading software, mechanized equipment Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading

A. All of the Above

File Description	Documents
Geotagged photographs / videos of the facilities	[View File]
Relevant documents / reports	[View File]
Any other relevant information	[View File]
Data Template	[View File]

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

DPU caters to the needs of students coming from diverse cultural, regional, linguistic, and socio-economic backgrounds. Vidyapeeth offers an all-inclusive favorablelearning environment which promotes overall development, harmonious and tolerant atmosphere for the students which enables them to tap their own endless potential and achieve greater heights of success.

DPU believes in "Unity in Diversity". Around 39 % students are from other states hence Vidyapeeth has made efforts to offer them with inclusive environment that integrates them into the socio-cultural ethos of Maharashtra and the city of Pune.

DPU extends an all-encompassing environment through festivals by observing holidays, honouring faiths, cultural and sport related activities. The students participate in organizing cultural events representing various states of India like traditional day, celebration of new year, participating in National Days, NSS activities, National Youth Day and Science Day.

Co-curricular activities like debates, quiz competitions, health camps, and field trips are conducted, and students are encouraged to participate in them. These activities help to widen the horizon of the students and promote tolerance towards local customs.

Extra-curricular activities such as sports and cultural activities like "URJA" and "DPU-Nite" are organized by the Vidyapeeth which showcase the rich and diverse culture of India.

Celebration of Festivals like Ganesh-Utsav, Dussera, Dhanvantari Pooja, Navratri, Holi, and Christmas help to promote coherence amongst all.

Local Language Classes are conducted for international students and students from other states of India to ensure ease of communication with patients and local community. The Vidyapeeth has constituted several statutory committees as per UGC regulations like

Gender Sensitization; Anti-Discrimination; Anti-Ragging; OBC; Minority; Grievance; Internal Complaints to ensure that all guidelines are followed and grievance if any is attended quickly.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/7-1-8_2878.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/7-1-8_2878.pdf

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

DPU has taken proactive steps towards inculcating values amongst the students and staff to make them responsible citizens of India. The philosophy of DPU is to demonstrate unity in diversity of its students and faculty by providing opportunities to participate and celebrate commemorative and national days of importance. This helps in strengthening spirit of nationalism and inculcating values such as truth, non- violence, equality and inclusiveness in the young minds that helps in strengthening the roots of democracy.

Some of the activities conducted to sensitize the students and staff towards their constitutional obligations include:

National Days like Independence Day and Republic Day makes student and staff feel proud to be a citizen of India.

Being a Health Sciences University, DPU lays great emphasis on instilling ethical values, empathy and responsibility towards patients and public. Bioethics has been integrated into the curriculum of the constituent units under DPU. Establishment of Bioethics Chair in collaboration with UNESCO Bioethics Chair, University of Haifa has played an important role in spreading bioethics practice amongst the staff and students. In addition to this Bioethics related activities such as Organ donation, Blood donation and Body

donation awareness campaigns are organized with active student participation. An insight developed through these activities make the students more conscious about their rights and duties towards their fellow countrymen. For progression of universal values like Unity, Truth, Righteousness, Conduct, Love, Non-Violence and Peace the constituent units organize guest lectures and yoga sessions.

Voter's awareness campaign: DPU has considerable number of young student population who are eligible as first-time voters. Considering this voter awareness campaign is organized as part of NSS activities. This awareness campaign has helped in sensitizing the students towards fulfilling their constitutional obligations.

File Description	Documents
Details of activities that inculcate values necessary to render students to be responsible citizens	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/7-1-9_2879.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/7-1-9_2879.pdf

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organized professional ethics programmes for students, teachers, administrators and other staff during the year Annual awareness programmes on Code of Conduct were organized during the year

A. All of the Above

File Description	Documents
Weblink of the code of conduct	https://dpu.edu.in/code-of-conducts.aspx
Details of the monitoring committee of the code of conduct	View File
Details of Programs on professional ethics and awareness programs organized during the year	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

DPU organizes several events to mark important National and International Commemorative Days. These events help to inculcate spirit of nationalism and international brotherhood amongst the students and infuse them with a sense of responsibility towards society, nation, and the world at large.

Some of the important commemorative days celebrated include:

- Republic Day and Independence Day is celebrated annually by DPU Family at Vidyapeeth Campus. Various cultural activities are performed as a tribute to India, its unity, diversity, and rich cultural heritage. This helps in inculcating national pride as an Indian citizen
- World Health Day is observed on 7th April on the theme of the World Health Organization. Activities like Seminars, Health awareness camps, Guest Lectures, Street Plays are organized to commemorate the day.
- World AID's Day is celebrated on 1st December every year with active participation of students and staff. Activities like rallies and street plays are organized to create awareness about AIDS amongst the public
- International Yoga Day is celebrated with staff, students and citizens participating actively in Yoga sessions. Seminars and Guest lectures are organized on the benefits of Yoga. DPU is taking active efforts to popularize yoga among school children and masses
- International Women's Day is celebrated on 8th March. Renowned women personalities are invited for felicitation and sharing

their experiences to inspire DPU family members. Women empowerment programs are organized on this occasion.

- Teacher's Day Celebration: September 5th has been celebrated as Teacher's Day. On this occasion outstanding teachers are felicitated with awards such as "DPU Research Award", "Dr. P. D. Patil Young Researcher Award", "Innovative Teaching Award", "Consistent Performance Award" and "Ideal Teacher Award". The class topper students are rewarded by giving appreciation certificates and cash prizes.

Several important health related days like World Cancer Day, World Disabled Day, World TB Day, World Alzheimer's Day, World Heart Day, World Diabetes Day and World Ayurveda Day are being organized annually. On these days several events like seminars, exhibitions and street plays are organized to sensitize the students and society.

File Description	Documents
Annual report of the celebrations and commemorative events for the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution during the year as per NAAC format provided in the Manual

Best Practice 1

TITLE: 4TH GENERATION DA VINCI ROBOT FOR ROBOTIC SURGERY

1. Objective

Robotic surgery is a minimally invasive surgery that has dramatically changed the experience of surgery for patients. At DPU the fourth generation, da Vinci surgical system is in use that has enhanced cameras for 3D visualization and surgeon-controlled robotic

arms for precise movements. It allows surgeons to operate on tissues and organs as in open surgery, but through a few small incisions. Robotic surgery facility at DPU provides exposure to postgraduate students in latest surgical technologies. Availability of such advanced technologies has enabled the patients of India to reduce travelling expenditure and hospitalization cost by going abroad.

2. Context

India's first robotic-assisted surgical procedure took place at Delhi in 2002. Dr. Tejas Patel, A cardiac surgeon, with the help of advanced robotics, conducted the world's first telerobotic surgery on a middle-aged woman with blocked artery while sitting 32 kilometres away from the patient. This was the world's first heart surgery from a remote location which was done in India in the year 2018. Currently 500 robotic surgeons have started practicing this type of surgery at government and private healthcare facilities in India. Benefits of this procedure enables shorter post-surgery recovery period, relatively less pain and less blood loss in robotic assisted surgeries. Hence robotic surgery is preferred over open and laparoscopic surgeries. As a result of this robotic surgeries allows the surgeons to perform complex as well as routine procedures through small incisions like traditional laparoscopy.

At Dr. D. Y. Patil Vidyapeeth Medical College, Hospital & Research Centre, has always been at the forefront in advancement in medical technology. At the Centre of excellence for Robotic Surgery, we are changing the way surgeons treat patients. DPU believes in providing exemplary healthcare that translates into better healing, lesser pain, smaller incisions, and reduced hospitalization. The number of procedures performed in any facility is an indicator of expertise and level of quality, which speaks volumes about the institution. For over two decades, surgeons at DPU have led the way towards better healthcare with minimally invasive procedures. As a natural progression towards excellence, the Centre for Robotic Surgery has been established. The services are provided across multiple specialities which cohesively enhance patient outcome. Thus, DPU continues to be the leader in surgical care, offering an extensive panel of surgeons along with trained staff and nurses who are a part of the dedicated robotic surgical team. The Centre of Excellence for Robotic surgery at DPU offers a faster, less painful surgical option so that life can be led to the fullest.

3. The Practice

Dr. D. Y. Patil Medical College, Hospital & Research Centre, Pimpri, Pune conducted the first robotic surgery on 25th June 2018 in Pimpri Chinchwad Municipal Corporation area on a newly installed latest model of the 4th generation, da Vinci Robot, manufactured by Intusive Technologies, CA, USA. A second console for training young surgeons is also provided in addition to the main console of the robotic surgeon. This machine is one of the 4th generation latest models of medical robot. DPU has one out of 3 such machines installed in the state of Maharashtra, only a few more are available all over India. At other places, 3rd generation models are in use. The cost of the machine purchased at DPU is about Rs.25 Crores.

Considering the example of conventional prostate surgery, patients stays in the hospital for 7 to 9 days post-operatively, but post-robotic surgery patient is fit for discharge by 5th day. There is gross reduction in the post-operative pain as evidenced by lower Visual Analogue Score (VAS scores) in patients who undergo robotic surgery. Also, the requirement of narcotic analgesics was significantly reduced. The average length of stay (ALOS) was 5 days and the patient returns to his daily activity much earlier thereby reducing loss of man hours and financial burden on the patients. As the surgery is undertaken via small 1 cm ports (4/5 no's) there is very little postoperative scarring as compared to conventional surgical incisions.

4. Evidence of success

Da Vinci Robot IV Generation with four arms and dual console is only one of its kind among all Medical Colleges in Maharashtra, installed in at DPU in 2018. Since then, there are 52 Robotic surgeries performed at our hospital. These include:

- Radical Prostatectomy
- Radical Hysterectomy
- Ca Bladder surgeries like cystectomy with ileal conduit.
- Robotic assisted tubal recanalization.
- Robotic cholecystectomy.
- Robotic radical nephrectomy.

5. Problems encountered and resources required

1. Robotic surgery is significantly costlier than conventional laparoscopic procedure/open surgery.

2. Insurance companies as of now do not finance robotic surgeries.
3. There is lack of patient awareness regarding advantages of robotic surgery.
4. Equipment of robotic surgery are expensive to the tune of 22 crores.
5. Comprehensive maintenance cost (CMC) is about 95 lakhs/year.
6. Consumables used in robotic surgery are also expensive.
7. Space requirement for surgical robot is much more and bigger operation theatres are required.
8. Training and expertise are required by the surgeon which is also expensive.

BEST PRACTICE 2

TITLE: ORGAN TRANSPLANTATION INITIATIVES AT DPU MEDICAL HOSPITAL

1. Objective:

Organ Donation is retrieving donor's organs like heart, liver, kidneys, intestines, lungs and pancreas, after death or from brain-dead individuals for the purpose oftransplanting them into another person who needs an organ. It aids in saving the life of terminally ailing patients. DPU being an advanced tertiary health care centre with sophisticated and advanced surgical facilities, instrumentation and procedures, trains PG students from Medical, Surgical and Nursing specialities in human transplantation surgery, treatment, rehabilitation & follow up. The program also endeavours to create awareness about organ transplant and cadaveric organ transplant among donors. Thus, DPU also supports national programmes such as control of blindness.

2. Context:

DPU through its organ donation initiative aims to significantly reduce the mortality rate among patients with major organ failure. With the availability of good number of donors creating awareness about organ donation from live as well as brain dead/cadavers the bridge between the demand and supply of organs can be reduced. With

our state of art organ transplant facility, the objective is to save lives, improve transplantation outcomes and reduce recipients waiting time. It also increases opportunities for patients without living donors to receive organs from deceased donors. Training of superspecialists as well as postgraduate students in organ transplantation is the need of the hour, that is being partly fulfilled through this initiative.

3. Practice:

DPU has a state of art modular OTs with Da Vinci Robotic Surgical System. This supports organ transplant facility in various departments such as CVTS, Cardiology, Nephrology, Urology, Gastroenterology and Ophthalmology. Internationally qualified superspecialists are available to conduct these procedures. The support system required for the organ transplant surgeries such as critical support services, ICUs, nursing staff and other state of the art support facilities are available at DPU with well-trained manpower.

4. Evidence of success

A great variety of organ transplant procedures have been conducted in DPU for the last several years. The transplants include renal, liver, cornea, and heart. The statistical data for the same is given as follows:

Organ Transplant data:

Sr.No.

Evidence of Success

Total no of Transplants

Live

Cadaveric

1.

Renal

116

92

24

2.

Liver

30

2

28

3.

Corneal

35

–

35

4.

Heart

01

–

01

The organs received are not only utilized at DPU hospital but have also been sent to other hospitals through provision of green corridor for the use of needy patients. The details are as follows:

Utilization of Donated Organs:

Sr.

No.

Evidence of Success

Total no of organs received

Utilized in DPU Patient

Sent to other hospitals

1.

Renal

131

116

15

2.

Liver

32

30

2

3.

Corneal

80

35

47

4.

Heart

05

01

Evidence of Success

04

The success rate of the various transplant surgeries as depicted above results in DPU medical hospital being a high priority destination for health care.

DPU conducts every year several awareness workshops about the importance of organ donation through several NSS activities. Some of the activities related to voluntary body and organ donation are as follows:

- Body donation pledge forms filled – 1907
- Organ donation pledged – 618
- Bodies donated after awareness campaign – 51
- Corneal donations – 37
- PhD completed - 1

The conduct of these awareness camps has resulted in donation of several organs by the relatives of patients and the summary of the same is given as follows:

Total statistics of organ transplantation & donation

Total BSD declaration from 2018 to till date

51

Total BSD converted into organ donation from 2018 to till date

33

Total organ donation declined due to medical reason

9

Cadaveric organ donation till date

24

Number of organs utilized till date

77

In-house organ utilization

44

Organ shared with various hospitals through ZTCC, Pune

24

Organ Received from various hospitals through ZTCC, Pune

9

5. Problems encountered and recourses required

The major problems encountered in this endeavour is creating awareness and sensitization of the community towards organ donation. These challenges have been overcome to a large extent with the help of various NGO's.

The other critical challenge is management of brain-dead patients who are potential cadaveric donors. Meticulous attention to hemodynamic and hormonal changes with goal directed intensivist management can have a profound impact on organ eligibility and retrieval rates.

File Description	Documents
Best practices in the Institutional web site	https://dpu.edu.in/Docs/Best-Practice-and-Distinctiveness/Best-Practice-1.pdf
Any other relevant information	https://dpu.edu.in/Docs/Best-Practice-and-Distinctiveness/Best-Practice-2.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution during the year in one area distinctive to its priority and thrust within 100 - 200 words

INSTITUTIONAL DISTINCTIVENESS

DPU has undertaken several initiatives, some of which can be considered as distinctive features. These include:

- DPU as a solar powered campus
- DPU IVF & Endoscopy Centre
- Multi organ transplant facility
- Ultra-modern DPU Learning Resource Centre
- Provision of Seed money for research
- In-house development of ERP and HMIS
- 4th Generation Da Vinci Robot for Robotic surgery
- DPU Merit Scholarship scheme for students

Although it is not possible to give detailed account of all these distinctive features, the key area of priority and thrust for DPU is the development of Invitro Fertilization and Endoscopy Centre which is described in detail:

DPU INVITRO FERTILIZATION AND ENDOSCOPY CENTRE

INTRODUCTION:

DPU Invitro Fertilization and Endoscopy Center is a state-of-the-art facility with a unique approach which is spearheaded by Medical Director and Chief with vast experience and excellence in the field of Assisted Reproductive Techniques (ART), is poised to bring to life and create miracles in the DPU IVF and Endoscopy Center.

RATIONAL FOR THE ACTIVITY:

The facility provides exceptional, personalized reproductive and fertility health care to the patients. The facility follows a three-step approach that is affordable IVF treatment, highly trained gynecologists in IVF with extensive research and development. The advanced facility is designed to ensure maximum safety and minimal stress to the patients during treatment. The proficient team of experts guides the couples from the initial stage when they first arrive at the Centre and advises them to choose the right options. The patient is also educated regarding the various treatment options available and its cost-effectiveness. The quality of the treatment provided at the DPU IVF and Endoscopy Center is on par with the best IVF Centers across the world. While utilizing the latest advances in medicine combined with state-of-the-art techniques, the goal is to treat the patients with comfort and compassion. Regardless of the

patient's situation, the infertility expert at DPU work closely to develop a personalized fertility treatment plan. As a leading destination for fertility treatments, DPU IVF & Endoscopy Center offers hope to patients around the world. At the Center, the patient's dreams are taken seriously, and the team is dedicated to fulfilling and realizing them.

OUTCOMES ACHIEVED:

At the DPU IVF & Endoscopy Center, we strive to provide the best fertility care from maintaining the highest medical, scientific, academic standards and supporting them through every stage of their journey to parenthood. The center is spread over the 7th floor of the luxurious DPU Hi-Tech Hospital Building. We have a string of private rooms tastefully designed and an ultra-modern Labor Rooms catering to high-risk obstetrics patients who are conceiving after fertility treatment. The Centre has two in built futuristic OT complexes one is dedicated to Assisted Reproduction Procedures and the other to Endoscopic OT with 3D Laparoscopic operating system.

The most important feature of the Center is that we custom design our fertility treatments to the individual's needs. The Center offers the best possible chance of pregnancy and parenthood a couple can have. We achieve this through our ultra-modern technology in the IVF Lab, which is first of its kind in Pune. We achieve this by using Time Lapse Imaging for best Embryo selection. The other advanced technologies that have been incorporated are assisted hatching of Blastocyst to maximize implantation, no touch closed intracytoplasmic sperm injection (ICSI) chamber and Spindle imaging technology for maximum chances of fertilization.

On 25th July 2021 we opened our doors on a mission to provide comprehensive, affordable, and high-quality fertility care to our patients. Till date we have successfully treated more than 2000 patients with infertility out of which 800 patients have undergone IVF treatment. We strongly believe in delivering the highest quality fertility care at every level. High tech procedures such as Intracytoplasmic morphologically selected sperm injection (IMSI),genetic testing, Embryoscope and frozen embryo transfer (FET) are used which reflects in our high success rates of about 80% fertilization rate and > 35 % implantation rate. For patients DPU-IVF and Endoscopy center is one stop destination for all fertility related issues. We handle hundreds of the most challenging cases of infertility making us particularly well trained to help patients

achieve their dreams.

We continuously invest in our medical technology and our people. At DPU IVF, fertility treatment is led by a team of experts with a collective experience of 100 plus years. Our team includes faculty who have worked at world-renowned medical schools, with international exposure towards improving fertility treatment outcomes and have developed new medication protocols focusing on modulating the immune system for repetitive IVF implantation failures, recurrent pregnancy loss and boosting sperm, egg, embryo, and uterine quality.

Our team invests in training and bringing out proficient leaders in the field of IVF and Endoscopy. Two conferences have been organized by DPU-IVF in the year 2021. Our most recent achievements are a three-day hybrid initiative which included direct relay of over sixty surgeries by sixty-eight experts on a virtual platform. The same was also being relayed for surgeons present at the DY Patil Vidyapeeth Auditorium physically. The most striking feature of this academic meeting was that surgeries were being done free of cost. The conference also included keynote addresses, panel discussions and technical sessions.

CONCLUDING REMARKS:

We have overcome obstacles of quality treatment by being available for all and continue to strive for a better future of fertility medicine. In future we have plans of expanding our department in fetal medicine and high-risk obstetrics to provide a more wholesome experience for the patient.

Part B
CURRICULAR ASPECTS
1.1 - Curriculum Design and Development
1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global health care needs which are visible in Programme Outcomes (POs), and Course Outcomes (COs) offered by the University, as per the norms of the Regulatory Bodies.

The process of curriculum design and development takes into consideration the Global health care needs like sustainable development goals and management of communicable & noncommunicable diseases, National needs like reproductive and child health care, urban and rural health missions and Local health issues likesubstance abuse owing to tobacco chewing. It also follows all the norms of respective regulatory bodies. A Standard Operating Procedure is in place for the development of curricula. The curriculum aims at producing health professionals who are competent, ethical, research-oriented, and socially responsible.

The Program Outcomes and Course Outcomes developed are well-defined, comprehensive, and measurable. They are aligned with teaching- learning and assessment. Outcome based education has been implemented through content mapping of syllabus and lesson plan of every lecture. Continuous quality improvement has been ensured with a focus on the attainment of outcome competencies through formative and summative evaluations.Curriculum revision, addition of new courses and value-added courses takes into account the feedback from all relevant stakeholders and guidelinesof the Regulatory Bodies.

File Description	Documents
Curricula implemented by the University	https://naac.dpu.edu.in/Supplementary/AQAR University202021/1-1-1_3011.pdf
Outcome analysis of POs, COs	https://naac.dpu.edu.in/Supplementary/AQAR University202021/1-1-1_3047.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/1-1-1_2447.pdf

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

16

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Details of the revised Curricula/Syllabi of the programmes during the year	View File
Institutional data in prescribed format (Data Template)	View File
Syllabus prior and post revision of the courses	View File
Any other relevant information	View File

1.1.3 - Provide a description of courses with focus on competency/ employability/ entrepreneurship/ skill-development offered either by the University or in collaboration with partner Institutions / Industries during the year

All programs offered at DPU focus on competency, employability, entrepreneurship, and skill development which is reflected Program and Course Outcomes.

Professional competency

1. All the courses in the various programs focus on acquisition of professional skills and competencies.
2. For the professional development of the students, value-added courses, workshops, and seminars are organized regularly.
3. Collaborations and MoUs with reputed National and International academic institutions and industry help to enhance competencies of students. The collaboration between DPU and Johns Hopkins University (USA) supports web-based learning regularly and helps in improving diagnostic skills of students.

Skill development

1. Training programs are regularly scheduled in Skills and simulations laboratories
2. Industrial training, internships, seminars, and workshops help to enhance skills in students.

3. Vidyapeeth conducts variety of programs to improve soft
    skills, language, and communication.

Employability and Entrepreneurship:

1. To enhance employability and entrepreneurship Vidyapeeth
    offers the CBCS curriculum which enables the student to
    explore additional avenues.
2. DPU (Biotechnology) has research-based collaborations with
    the University of Skovde(Sweden) to promote
    entrepreneurship through the development of various
    patents.
3. DPU Foundation for Innovation, Incubation and
    Entrepreneurship is actively engaged to foster creativity
    and innovation thereby promoting entrepreneurship amongst
    students.

File Description	Documents
List of courses having focus on competency/ employability/ entrepreneurship/ skill-development	View File
MOUs with Institutions / Industries for offering these courses (Initiated during the year?)	View File
Any other relevant documents	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice-Based Credit System (CBCS)/Elective course system has been implemented, wherever provision was made by the Regulatory Bodies (Data for the preceding academic year)

1.2.1.1 - Total number of Programmes where there is regulatory provision for CBCS – elective course system

20

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Institutional data in prescribed format (Data Template)	View File
University letter stating implementation of CBCS by the Institution	View File
Structure of the program clearly indicating courses, credits/Electives as approved by the competent board	View File
Any other relevant information	View File

1.2.2 - Number of new Degree Programmes, Fellowships and Diplomas introduced by the University across all Faculties during the year (certificate programmes are not to be included)

1.2.2.1 - Number of new Degree Programmes, Fellowships and Diplomas introduced by the University during the year

11

File Description	Documents
List of the new Programmes introduced during the year	View File
Minutes of relevant Academic Council/BoS meetings for the year	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

1.2.3 - Number of interdisciplinary courses under the Programmes offered by the University during the year

1.2.3.1 - Number of courses offered across all programmes during the year

949

File Description	Documents
List of Interdisciplinary courses under the programmes offered by the University during the year	View File
Minutes of relevant Academic Council/BoS meetings	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Gender, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes and Professional Ethics in the curricula

The curriculum at DPU is holistic, includes cross-cutting issues, which are integrated in POs-COs and teaching-learning of core curricula.

1.Sensitization and women empowerment is ensured through programs like Beti Bachao, breast-feeding awareness during World Breastfeeding Week, womens' self-defense programs and initiatives of the Yashoda Human Milk Bank.

2.Environment and Sustainability issues are prioritized in all programs based on UN sustainable goals through environmental science topics such as global warming, disaster management under National Flagship Program, etc. and activities like Unnat Bharat Abhiyan and Swachchata Pakhwada. Plastic use on campus is strictly banned.

3.Human Values and Ethics are strongly emphasized in curriculum and graduate attributes. DPU has established UNESCO chair in Bioethics and "UNESCO Bioethics Core Curriculum" is followed.

4.Health Determinants comprising of the social and economic environment are incorporated in the curriculum, also the extension and outreach activities are conducted for sensitisation of people about health and hygiene besides health camps, and national health programs like Mahatma Phule Jan Arogya Yojana is also available.

5.Right to Health Issues and emerging demographic changes are

learnt through various sessions on health care management, health economics, etc. DPU was recently recognized as "Charity Hospital at poor patient's doorstep" by Government of Maharashtra.

File Description	Documents
List of courses that integrate crosscutting issues mentioned above	https://naac.dpu.edu.in/Supplementary/AQAR University202021/1-3-1_2293.pdf
Description of the courses which address Gender issues, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes and Professional Ethics in the Curricula	https://naac.dpu.edu.in/Supplementary/AQAR University202021/1-3-1_2292.pdf
Any other relevant information	View File

1.3.2 - Number of value-added courses offered during the year that impart transferable and life skills

File Description	Documents
Brochure or any other document related to the value-added course/s	View File
List of value-added courses (Data Template -5)	View File
Any other relevant information	View File

1.3.3 - Number of students who successfully completed the value-added courses during the year

1.3.3.1 - Number of students who successfully completed the value-added courses imparting transferable and Life skills offered during the year

1411

File Description	Documents
List of students enrolled in value-added courses (Data Template 5)	View File
Any other relevant information	View File

1.3.4 - Students undertake field visits / research projects / Industry internship / visits/Community postings as part of curriculum enrichment

The students regularly undertake field projects/internships across all disciplines as a part of curriculum enrichment.

1.Field Visitsand Field projects enable students to examine their career interests and prepare them for careers beyond graduation. Field visits strengthen transferable skills that are sought by employers, augment team skills and networking opportunities.

2. Internship postings in all health science disciplines are followed meticulously, providing hands-on experience, enabling them to develop work competencies as efficient health professionals. Field projects are undertaken during internship as a part of social responsibility and community outreach programs. Work done during internshipis documented in log-book.

3.Industry internship: For MBA program students undergo industry internships in tandem with the industry gaining insight into the alignment of course curriculum with industry requirements. Students share their knowledge and understanding of the industry after student internship program (SIP).

4.Research Projects: Medical and Dental undergraduate students undertake ICMR-STS and DPU STS projects every year. Biotechnology undergraduate students also undertake research projects. Research projects are mandatory for all PG Programs.

5.Community postings are a mandatory requirement for students in the Health Science programs. DPU has a network of fourteen Satellite Health Centers for providing opportunities to the students for community-based learning.

File Description	Documents
List of Programmes and number of students undertaking field visits / research projects / internships/Industry visits/Community postings during the year	https://naac.dpu.edu.in/Supplementary/AQAR University202021/1-3-4_2464.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/1-3-4_2465.pdf

1.4 - Feedback System	
1.4.1 - Mechanism is in place for obtaining structured feedback on curricula/syllabi from various stakeholders Students Teachers Employers Alumni Professionals	A. All 4 of the above

File Description	Documents
Stakeholder feedback report as stated in the minutes of the Governing Council/Syndicate/ Board of Management	View File
URL for feedback report	https://dpu.edu.in/Structured-Feedback-on-Curriculum.aspx
Sample filled-in Structured Feedback forms by the institution for each category	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

1.4.2 - Feedback process of the Institution may be classified as:	A. Feedback collected, analyzed and action taken on feedback and such documents are made available on the institutional

File Description	Documents
URL for stakeholder feedback report	https://dpu.edu.in/Structured-Feedback-on-Curriculum.aspx
Action taken report of the University on feedback report as stated in the minutes of the Governing Council/ Syndicate/ Board of Management	View File
Any other relevant information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Due consideration is given to equity and inclusiveness by providing reservation of

seats to all categories during the admission process

File Description	Documents
Number of seats filled against seats reserved (As per Data Template)	[View File](#)
Copy of letter issued by state govt. or and Central Government Indicating the reserved categories to be considered as per the state rule (in English)	[View File](#)
Final admission list published by the HEI	[View File](#)
Admission extract submitted to the state OBC, SC and ST cell for the year	[View File](#)
Initial reservation of seats for admission	[View File](#)
Any other relevant information	[View File](#)

2.1.2 - Student Demand Ratio, applicable to programmes where State / Central Common Entrance Tests are not conducted

File Description	Documents
Institutional data in prescribed format (Data Template)	[View File](#)
Document relating to Sanction of intake	[View File](#)
Extract of No. of application received in each program	[View File](#)
The details certified by the Controller of Examination or Registrar evaluation clearly mentioning the programs that are not covered under CET and the number of applications received for the same	[View File](#)
Any other relevant information	[View File](#)

2.1.3 - Student enrollment pattern and student profile to demonstrate national/international spread of enrolled students from other states and countries

2.1.3.1 - Number of students from other states and countries during the year

687

File Description	Documents
List of students enrolled from other states and countries during the year	View File
E-copies of admission letters to the students enrolled from other States / Countries	View File
Copy of the domicile certificate/passport from respective states / countries	View File
Previous degree/ Matriculation / HSC certificate from other state or country	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

2.2 - Catering to Student Diversity

2.2.1 - The Institution assesses the learning levels of the students after admission and organises special programmes for advanced learners and slow performers. The Institution: Adopts measurable criteria to identify slow performers Adopts measurable criteria to identify advanced learners Organizes special programmes for slow performers and advanced learners Follows protocols to measure students' achievement	A. All of the Above

File Description	Documents
Methodology and Criteria for the assessment of Learning levels Details of special programmes	View File
Details of outcome measures	View File
Proforma created to identify slow performers/advanced learners	View File
Consolidated report to Dean academics /Dean student's welfare on special programs for advanced learners and slow learners for the year	View File
Any other relevant information	View File

2.2.2 - Student - Fulltime teacher ratio (data for the preceding academic year)

2.2.2.1 - Total number of students enrolled in the specified year

5358

File Description	Documents
List of students enrolled in the preceding academic year	View File
List of full-time teachers in the preceding academic year in the University (with Designation and Highest Qualification)	View File
Any other relevant information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods are used for enhancing learning experiences by

Experiential learning

Students rigorously learn clinical skills on patients in wards and out-patient clinics besides practicing in skills laboratory. Students undertake community visits, internships, industrial/field trips, research projects and hands on training workshops.

Integrated/Inter-disciplinary learning

DPU has ensured inter-disciplinary learning by incorporating interdisciplinary courses across all Faculties. Integration of teaching-learning is at both horizontal and vertical.

Participatory learning

Participatory learning for students by examining patients in OPD and wards through case-histories and formative feedback during the presentations.

Problem-solving methodologies

Students develop multiple perspectives in solving real-world problems by case studies and problem-based learning scenarios.

Self-directed learning

Students are encouraged to undertake SWAYAM and academic bank of credits-related courses, assignments and projects.

Patient-centric and Evidence-based learning

Students examine real patients and learn to diagnose and manage simple and complex problems.

The Humanities

Humanities are taught through various activities including human values, gender sensitization and stress management.

Project-based learning

DPU supports research projects for dissertations/summer/industrial training, DPU-STS, ICMR-Short Term Studentship (STS) projects.

Role play

Role play for enhancing communication skills, ethical issues, humanities, social issues, patient counselling and gender sensitization.

During the COVID-19 pandemic, student-centric learning was continued through extensive use of DPU-LMS, video-lectures, interactive e-tools, mobile learning and e-discussion forum.

File Description	Documents
List of student-centric methods used for enhancing learning experiences during the year	https://naac.dpu.edu.in/Supplementary/AQAR University202021/2-3-1_2278.pdf
Any other relevant information	View File

2.3.2 - The Institution has provision for the use of Clinical Skills Laboratory and Simulation-Based Learning The Institution: 1. Has Basic Clinical Skills Training Models and Trainers for clinical skills in the relevant disciplines. 2. Has advanced patient simulators for simulation-based training 3. Has structured programs for training and assessment of students in Clinical Skills Lab / Simulation centre 4. Conducted training programs for the faculty in the use of clinical skills lab and simulation methods of teaching-learning	A. All of the Above

File Description	Documents
Geotagged photographs of clinical skills lab facilities, clinical skills models, patient-simulators	View File
List of training programmes conducted in the facilities during the year	View File
List of clinical skills training models	View File
Proof of Establishment of Clinical Skill Laboratories	View File
Proof of patient simulators for simulation-based training	View File
Report on training programmes in Clinical skill lab/simulator Centre	View File
Any other relevant information	View File
Institutional data in prescribed format (Data Template)	View File

2.3.3 - Teachers use ICT-enabled tools for effective teaching and learning process, including online e-resources

DPU has systematically planned the development of ICT infrastructure to support professional health care education through DPU-Enterprise Resource Planning (ERP) system to meet the challenges of hybrid mode of teaching-learning during COVID-19 pandemic to conduct online classes and examination and evaluation process.

ICT-enabled tools for effective teaching

State-of-the-art ICT facilities such as Wi-Fi, web-based learning facilities, lecture capturing system in the classrooms and laboratories is put to use for effective teaching-learning process. Smart class rooms with interactive boards and lecture capturing systems are used for lecturing as well as accessing information through online portal.

ICT-enabled tools for effective learning process

Computer facility with more than 3 GB bandwidth and Wi-Fi facility to the students help them access e-resources at any time. DPU-LMS and DPU-ERP are used in academic and administrative transactions. State-of-the-art ICT-based equipments/softwares like picture archiving and communication system (PACS), computer-aided diagnostic, therapeutic/surgical options and research-based ICT tools are effectively put to use.

Uses of e-resources in teaching-learning process

DPU has the most modern library with a rich collection of print, e-books and free/subscribed standard databases (eg., J-GATE, EBSCOHost, Scopus, ClinicalKey, e-shodhsindhu, World E Book Library, Shodhganga, and DELNET) to enhance theteaching-learning process.

File Description	Documents
Details of ICT-enabled tools used during the year for teaching and learning	http://naac.dpu.edu.in/Supplementary/AQARUniversity202021/2-3-3_2277.xlsx
List of teachers using ICT-tools	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/2-3-3_2275.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/2-3-3_2276.pdf

2.3.4 - Student: Mentor Ratio (preceding academic year)

Total number of mentors in the preceding academic year	Total number of students in the preceding academic year
602	5358

File Description	Documents
Details of fulltime teachers/other recognized mentors and students for the year	View File
Allotment order of mentor to mentee and records of mentors and mentees meetings for the year	View File
Copy of circular pertaining to the details of mentor and their allotted mentees	View File
Approved Mentor list as announced by the HEI	View File
Log Book of mentors	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of fulltime teachers against sanctioned posts during the year

602

File Description	Documents
List of fulltime teachers and sanctioned posts for the year (Certified by the Head of the Institution)	View File
Position sanction letters by competent authority	View File
Appointment letters of faculty during the year	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

2.4.2 - Number of fulltime teachers with Ph.D./D.Sc./D.Lit./ DM/M Ch/DNB in super specialities /other PG degrees (like MD/ MS/ MDS etc.,) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils during the year

2.4.2.1 - Number of fulltime teachers with Ph.D/D.Sc./D.Lit./DM/M Ch/DNB in super specialities / other PG degrees (like MD/ MS/ MDS etc.,) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils. During the year data to be entered

373

File Description	Documents
List of fulltime teachers with Ph.D/D.Sc./D.Lit./DM/M Ch/DNB in super specialities / other PG degrees (like MD/ MS/ MDS etc.,) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils and the number of fulltime teachers for the year	View File
Copies of Guide-ship letters or authorization of research guide provide by the competent authority	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

2.4.3 - Teaching experience of fulltime teachers in number of years (preceding academic year)

13

File Description	Documents
List of fulltime teachers including details of their designation, department, total number of years of their teaching experience	View File
Experience certificate of fulltime teacher	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

2.4.4 - Number of teachers trained for development and delivery of e-contents / e-courses / video lectures / demonstrations during the year

166

File Description	Documents
List of teachers trained for development and delivery of e-contents / e-courses / video lectures / demonstrations during the year	View File
Reports of the e-training programmes	View File
Certificate of completion of training for development of and delivery of e-contents / e-courses / video lectures / demonstrations	View File
Web-link to the contents delivered by the faculty hosted in the HEI's website	https://naacdata.dpu.edu.in/EContentDevelopedByStaff.aspx
List of e-contents / e courses / video lectures / demonstrations developed	View File
Any other relevant information	View File
Institutional data in prescribed format (Data Template)	View File

2.4.5 - Number of fulltime teachers who received awards and recognitions for excellence in teaching, student mentoring, scholarships, professional achievements and academic leadership at State, National, International levels from Government / Government-recognized agencies / registered professional associations / academies during the year

120

File Description	Documents
Institutional data in the prescribed format/ Data Template	View File
Certified e-copies of award letters (scanned or soft copy)	View File
Any other relevant information	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination to the date of declaration of results during the year

2.5.1.1 - Number of days from the date of last semester-end/ year- end examination to the date of declaration of results in the year

843

File Description	Documents
List of Programmes and dates of declaration of last semester-end and yearend examination results	View File
Reports from Controller of Exam (COE) office/ Annual reports mentioning the relevant details	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

6

File Description	Documents
Certificate from Registrar / Controller of examination / Data on student grievances from the office of the Registrar (Evaluation)	View File
Minutes of the grievance cell / relevant body	View File
List of complaints / grievances during the year	View File
List of students who appeared in the exams during the year (Data template)	View File
Any other relevant information	View File

2.5.3 - Evaluation-related Grievance Redressal mechanism followed by the Institution. The University adopted the following for the redressal of evaluation-related grievances.	1. Double valuation/Multiple valuation with appeal process for re totalling/revaluation and access to answer script

File Description	Documents
Provide links to the examination procedure and re-evaluation procedure developed by the Institution and duly hosted in the Institution's website	https://dpu.edu.in/Documents/manual-of-examinations-ver1.pdf
Report of the Controller of Examination/ Registrar evaluation regarding the Grievance Redressal mechanism followed by the Institution	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

2.5.4 - Reforms in the process and procedure in the conduct of evaluation/examination; including Continuous Internal Assessment to improve the examination system. Describe examination reforms implemented by the University during the year with reference to the following within 100 - 200 words

The academic calendar is prepared at institutional level and approved by Faculty, Academic Council (AC) and Board of Management (BoM). The Board of Examinations (BOE) prepares the schedule of examinations and appoints paper-setters, examiners, and moderators to ensure proper conduct of examinations/assessments.

The papers are assessed through a strictly defined Central Assessment Programme (CAP) protocol to ensure accuracy, efficiency and reliability. CCTV surveillance and mobile jammers are used in examination halls. Results are declared within a week's time.

In 2020-2021, revision of evaluation scheme was undertaken for BBA and MBA. The proportion ofexternal and internal assessment marks was revised from 60:40 to 50:50.

Continuous Assessment methods like problem-solving assignments, MCQs, SAQs, Case Studies, Objective Structured Clinical/Practical Examinations (OSCE/OSPE), Viva-Voce, Presentations, group discussions and workplace-based assessment are routinely used for various programmes and courses.

Online counselling was used for provisional admissions to various programmes during the COVID -19 pandemic. Online grievance application and redressal system is implemented and is functioning well.

Outcome Analysis of examination results is carried out by all constituent units annually. Faculty training workshops in new assessment methods are regularly conducted.

Implementation of Academic Bank of Credits (ABC) and NAD DigiLocker isin progress.

File Description	Documents
Details of examination reforms implemented during the year	https://naac.dpu.edu.in/Supplementary/AQAR University202021/2-5-1_2308.pdf
Any other relevant information	View File

2.5.5 - Status of automation of Examination division using Examination Management System (EMS) along with approved online Examination Manual Options (Choose an applicable option):	A. Complete automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Snapshot of EMS used by the Institution	View File
Copies of the purchase order of the software/AMC of the software	View File
The present status of automation., Invoice of the software, & screenshots of software	View File
Annual report of examination including present status of automation as approved by BOM / Syndicate / Governing Council	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

2.6 - Student Performance and Learning Outcomes

2.6.1 - The Institution has stated learning outcomes /graduate attributes as per the provisions of Regulatory Bodies which are integrated into the assessment process and widely publicized through the website and other documents Provide details of the stated learning outcomes for each programme / course as stipulated by the appropriate Regulatory Body and the methods followed by the Institution for assessment of the same within 100 - 200 words

DPU has integrated learning outcomes/graduate attributes into the curriculum as per the provisions of regulatory bodies including UGC, AICTE, NMC, DCI, etc. These are uploaded on the University website and well disseminated.

Graduate Attributes (GAs) at all institutions articulate the generic abilities that students are expected to attain. The Program Outcomes (POs) reflect skills, knowledge and abilities of graduates. The nine programme outcomes across all programmes areknowledge and skills, planning and problem-solving, communication, research aptitude, professionalism and ethics, societal responsibilities and lifelong learning. All Course Outcomes (COs) have been mapped to Programme Outcomes (POs) and mapping to content is done using Bloom's taxonomy. These are helpful to ensure that assessment methods match with learning outcomes.

Continuous Assessment methods include term papers, open ended problem-solving assignments, MCQs, SAQs, Case Studies, Objective Structured Clinical/Practical Examinations (OSCE/OSPE), Performance of Lab tests, Viva-Voce, Presentations, Group Discussions and several other formative assessment and workplace-based activities are designed and organized to help students to achieve the learning outcomes of the course and programme.

Examinations play a very important role to assess whether the defined learning outcomes have been attained to the desirable levels and alsothe accomplishment of POs and COs.

File Description	Documents
Relevant documents pertaining to learning outcomes and graduate attributes	https://naac.dpu.edu.in/Supplementary/AQAR University202021/2-6-1_2493.pdf
Methods of the assessment of learning outcomes and graduate attributes	https://naac.dpu.edu.in/Supplementary/AQAR University202021/2-6-1_2493.pdf
Any other relevant information	View File

2.6.2 - Pass percentage of final year students in the year

2.6.2.1 - Number of final year students of all the programmes, who passed in the university examinations in the year

1325

File Description	Documents
List of Programmes and the number of students appeared and the number of students passed in the final year examination for the year	View File
Institutional data in prescribed format (Data Template)	View File
Link for the annual report of examination results as placed before BoM/ Syndicate/ Governing Council for year	https://naac.dpu.edu.in/Supplementary/AQAR University202021/2-6-2_2987.pdf
Any other relevant information	View File

2.7 - Student Satisfaction Survey

2.7.1 - Online student satisfaction survey regarding teaching learning process

File Description	Documents
Any other relevant information	View File
Database of all currently enrolled students (Data Template)	View File

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The Institution has a well-defined Research promotion policy and the same is uploaded on the Institutional website

Vidyapeeth has a well-defined policy for the promotion of research which is reflected in the Research Policy Document (Board of Management vide resolution number DPU/270/18: Item No. BH-38-18). The research policy document of the Vidyapeeth has mainly laid emphasis on promotion of health science research.

RESEARCH PROMOTION AVENUES

1. Training and awareness activities.
2. State of the art infrastructure, equipment and instrument support.
3. Good Manufacturing Practices certified laboratories.
4. DPU seed research grant.
5. Financial support for attending conferences, filling patents and DPU-STS grants.
6. Publication incentives.
7. PhD and Post-Doctoral fellowships.
8. Fee concession for in-house PhD scholars.
9. Anti-Plagiarism software.
10. e-Databases (Scopus, EbscoHost, Elsevier Clinical Key, Proquest, J-Gate etc.)

METHOD FOR IMPLEMENTATION AND MONITORING

The allocated budget amount is utilized for the procurement of research equipment, disbursement of seed money, reimbursement for conferences and workshop expenses, publication incentives, etc. The Vidyapeeth has constituted Board of Research where researchers of repute are invited as external members. For the disbursement of seed money grant sanctioned by DPU there is a separate committee constituted by Vice Chancellor under the Chairmanship of Director Research. Moreover, the team constituting the Director Research, Deputy Director Research along with Finance Officer periodically conduct meetings to monitor the progress of the seed money.

File Description	Documents
Minutes of the meetings of Governing Council/ Syndicate/Board of Management for the year related to research promotion policy adoption	View File
Document on Research promotion policy	View File
Any other relevant information	View File

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

74.10

File Description	Documents
Sanction letter of seed money to the faculty	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving seed money and details of seed money received (Data Template)	View File
Any other relevant information	View File

3.1.3 - Number of teachers awarded national/international fellowship/Financial support for advanced studies/collaborative research/conference participation in Indian and Overseas Institutions during the year

35

File Description	Documents
Certified e-copies of the award / recognition letters of the teachers	View File
List of teachers and their national/international fellowship details (Data Templates)	View File
Any other relevant information	View File

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

36

File Description	Documents
List of research fellows and their fellowship details	View File
E copies of fellowship award letters	View File
Registration and guide / mentor allocation by the Institution	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

3.1.5 - University has the following facilities Central Research Laboratory / Central Research Facility Animal House/ Medicinal plant garden / Museum Media laboratory/Business Lab/e-resource Studios Research/Statistical Databases/Health Informatics Clinical Trial Centre Any other facility to support research	A. Any 5 of the Above

File Description	Documents
Videos and geo-tagged photographs	https://naacdata.dpu.edu.in/Supplementary/University/3-1-5_23220.pdf
List of facilities provided by the University and their year of establishment (Data Template)	View File
List of the facilities added in the current academic year	View File
Any other relevant information	View File

3.1.6 - Number of departments with recognition by ICMR-CAR, DST-FIST, DBT, MCI, DCI, PCI, AICTE, AYUSH, NACO, WHO, NIH etc. and other similar recognitions by national and international agencies, (excluding mandatory recognitions by Regulatory Councils for UG /PG programmes)

3.1.6.1 - The Number of departments with recognition by ICMR-CAR, DST-FIST, DBT, MCI, DCI, PCI, AICTE, AYUSH, NACO, WHO, NIH etc. and other similar recognitions by National and/or International agencies

69

File Description	Documents
E-copies of departmental recognition award letters	View File
List of departments and award details (Data Template)	View File
Any other relevant information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants for research projects /clinical trials sponsored by Non-Government sources such as industry, corporate houses, international bodies, endowments, professional associations, endowment-Chairs etc., in the Institution during the year

34.04

File Description	Documents
E-copies of the grant award letters for research projects sponsored by nongovernment organizations	View File
List of project and grant details (Data Template)	View File
Any other relevant information	View File

3.2.2 - Grants for research projects/clinical research project sponsored by the Government funding agencies during the year

80.07

File Description	Documents
E-copies of the grant award letters for research projects sponsored by government agencies	View File
List of projects and grant details (Data Template)	View File
Any other relevant information	View File

3.2.3 - Ratio of research projects/clinical trials per teacher funded by Government/Industries and Non-Government agencies during the year

3.2.3.1 - Number of research projects/clinical trials funded by Government /industries and non-government agencies during the year

16

File Description	Documents
List of research projects and funding details (Data Template)	View File
Supporting document/s from Funding Agencies	View File
Copy of the letter indicating sanction of research project funded by Govt./Non-Govt agency and industry including names of teachers and amount in INR	View File
Any other relevant information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and entrepreneurship with an Incubation centre, entrepreneurship cell

The Vidyapeeth has established DPU Incubation Centre to facilitate and create an eco-system that is required for the entrepreneurial growth of the institution. The constituent units of the Vidyapeeth have established respective Innovation Councils as per the norms of the MHRD's Innovation Cell. It aims at motivating faculty and students for nurturing novel ideas who have a passion for generating new product/process/knowledge. Taking the initiative further, Vidyapeeth has established "DPU FOUNDATION FOR INNOVATION INCUBATION & ENTREPRENEURSHIP" under the Section 8 of Companies Act 2013 for the promotion of Innovation, Incubation & Entrepreneurship, which will work as an incubator and promote to incubate the start-ups. Under this center the Vidyapeeth has initiated the process of filing patents and copyrights. Regular meetings are conducted by the members of the Incubation Cells of the Vidyapeeth at different constituent units for identifying and nurturing the potential ideas. Every year various activities conducted by the cell are uploaded.

File Description	Documents
Geotagged photographs of the facilities and innovations made	[View File]()
Any other relevant information	[View File]()

3.3.2 - Workshops/seminars conducted on Intellectual Property Rights (IPR) Research methodology, Good clinical Practice, Laboratory, Pharmacy and Collection practices, Research Grant writing and Industry-Academia Collaborations during the year

The Institution has a fully functional IPR Cell duly approved by BoM Vide resolution Item No. BM-20-16 . The cell creates awareness and sensitizes researchers on the importance of IPR. Special lectures and workshops have been organized on IPR with the following objectives:

- Awareness
- Guidance
- Commercialization

Total 6 workshops/seminars were organized on IPR during 2020 -2021. In all 4 workshops on research methodology were conducted during the 2020-2021 covering research methodology, good clinical practices, etc. Regular feedback were taken during the workshops

and were analyzed. The collaboration and partnership of DPU with industry have helped to improve the quality of education in terms of excellence, modernization, collaboration and self-reliance.DPU has also organized various workshops to strengthen teaching-learning methods. It is done by way of inviting senior industry professionals to share their rich experience with the students. These sessions have helped the students in applying those theoretical concepts into practice. The students of Business School and Biotechnology & Bioinformatics regularly opt for summer internship programs in collaboration with aforementioned industries. Out of the total 89 workshops, 6 workshops were conducted on IPR, 4 research methodology, 67 on good clinical practices and 12 on industry academia collaborations.

File Description	Documents
Reports of the events	https://naac.dpu.edu.in/Supplementary/AQAR University202021/3-3-2_2610.pdf
List of workshops/seminars on the above conducted during the year	https://naac.dpu.edu.in/Supplementary/AQAR University202021/3-3-2_2610.pdf
Any other relevant information	View File

3.3.3 - Number of awards / recognitions received for innovation / discoveries by the Institution/teachers/research scholars/students from recognized bodies during the year

3.3.3.1 - Total number of awards/recognitions received by the Institution/teachers/research scholars/students from recognized bodies during the year

4

File Description	Documents
E-Copies of award letters (scanned or soft copy) for innovations with details of awardee and awarding agency	View File
Link to appropriate details on the Institutional website	http://naac.dpu.edu.in/Supplementary/AQARUniversity202021/3-3-3_3158.xlsx
Institutional data in prescribed format (Data Template)	View File

3.3.4 - Number of start-ups incubated on campus during the year

3.3.4.1 - Number of start-ups incubated on campus during the year (a startup to be counted only once)

1

File Description	Documents
Registration letter	View File
E- sanction order of the University for the start-ups on the campus	View File
Contact details of the promoters	View File
List of start-ups- details like name of the start-up, nature, year of commencement etc (Data Template)	View File
Any other relevant information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution has a stated Code of Ethics for research, the implementation of which is ensured by the following Research methodology with course on research ethics Ethics committee Plagiarism check Committee on Publication guidelines	A. All of the Above

File Description	Documents
Institutional code of Ethics document	View File
Course content of research ethics and details of members of Ethics Committee	View File
Copy of software procurement for plagiarism check	View File
Minutes of the relevant committee meetings for the year with reference to the code of ethics	View File
Details of committee on publication guidelines	View File
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

3.4.2 - The Institution provides incentives for teachers who receive state,national or internationalrecognitions/awards. Options: Career Advancement Salary increment Recognition by Institutional website notification Commendation certificate with cash award	A. All of the Above

File Description	Documents
Policy on Career advancement for the awardees	[View File](#)
Policy on salary increment for the awardees	[View File](#)
Snapshots of recognition of notification in the HEI's website	[View File](#)
Copy of commendation certificate and receipt of cash award	[View File](#)
List of the awardees and list of awarding agencies and year with contact details for the year	[View File](#)
Incentive details (link to the appropriate details on the Institutional website)	[View File](#)
Institutional data in prescribed format (Data Template)	[View File](#)

3.4.3 - Number of Patents/ Copyrights published/awarded/technology-transferred during the year

3.4.3.1 - Total number of Patents/ Copyrights published/awarded/ technology-transferred during the year

49

File Description	Documents
List of patents/Copyrights and the year they were published/awarded	[View File](#)
E- copies of the letters of award/ publication of patent/copyright/ technology-transferred	[View File](#)
Technology transfer document	[View File](#)
Institutional data in prescribed format (Data Template)	[View File](#)
Any other relevant information	[View File](#)

3.4.4 - Number of Ph.D/ DM/ M Ch/ PG Degree in the respective disciplines awarded per recognized PG teacher of the Institution during the year

3.4.4.1 - Number of Ph. Ds /DM/M Ch/PG degrees in the respective disciplines awarded per recognized PG teacher of the Institution during the year

430

File Description	Documents
List of PhD/DM/M Ch candidates with details; like name of the guide, title of the thesis, year of award, award letter etc	View File
Web page for research in the Institutional website.	https://dpu.edu.in/PhDResearchPolicy.aspx
Institutional data in prescribed format (Data Template)	View File
Any other relevant information	View File

3.4.5 - Number of research papers per teacher in the approved list of Journals in Scopus / Web of Science/ PubMed during the academic year

File Description	Documents
List of research papers by title, author, department, name and year of publication and Scopus/Web of Science/PubMed list ref. No: (Data Template) /link	View File
Names of the indexing databases	View File
Any other relevant information	View File

3.4.6 - Number of research papers per teacher in the approved list of Journals notified in UGC-CARE list during the academic year

3.4.6.1 - Number of research papers in the approved list of Journals notified on UGC website during the year

538

File Description	Documents
List of research papers with title, author, department, name and year of publication and UGC list ref. No: (link)	http://naac.dpu.edu.in/Supplementary/AQARUniversity202021/3-4-6_2296.xlsx
Names of the indexing databases	View File
Any other relevant information	View File

3.4.7 - Number of books/ chapters in edited volumes and papers in National/International conference-proceedings published per teacher and indexed in Scopus/Web of Science/ PubMed UGC-CARE list during the year

3.4.7.1 - Number of books/ chapters in edited volumes and papers in National/International conference-proceedings published per teacher and indexed in Scopus/Web of Science/ PubMed during the academic year

71

File Description	Documents
List of books and chapters in edited volumes / books published (Data Template)	View File
List of names of publishers: National/ International	View File
Any other relevant information	View File

3.4.8 - Bibliometrics of the publications during the calendar year based on average Citation Index in Scopus/ Web of Science

3940

File Description	Documents
List of the publications during the year	View File
Any other relevant information	View File

3.4.9 - Provide Scopus/ Web of Science – h-index of the Institution for the academic year

21

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any other relevant information	View File

3.5 - Consultancy

3.5.1 - Institution has a policy on IPR and consultancy including revenue sharing between the Institution and the individual, besides a training cum capacity building programme for teachers, students and staff for undertaking consultancy

IPR & Consultancy policy displayed on Vidyapeeth website passed through BoM resolution vide BM-26-16 and BM-39-18, offers academic and progressive growth besides charity distribution of advanced sciences, alleviation of human sufferings and betterment of human life.Revenue from licensing of IP and royalty is shared between the inventors and Vidyapeeth. The Vidyapeeth reassigns the right of IP to inventors andinventors reimburses all costs incurred by Vidyapeeth forprotection, maintenance, marketing and other expenses. The inventors reassign the right of IP to Vidyapeeth, Vidyapeeth reimburses all the costs incurred by inventors for the above purpose. The Centre conducts workshops and seminars on IPR and entrepreneurship for students and faculties on protection of IP, promote entrepreneurial skills besides providing logistical support from Ideation, incubation to post incubation stage.Constituent units have filed 49 patents/copyrights during the year. Faculties have undertaken Innovation Ambassador Training from Ministry of Education, Innovation Cell.Consultancy Policy of Vidyapeeth provides guiding principles and procedures for consultancy services by faculties, provided it does not conflict with the interests of the University. Consultancyservices have stimulated research and scholarly exchanges besides applying knowledge for solving real life problems. Faculties facilitate knowledge and technology transfer towards economic and social impact.

File Description	Documents
Minutes of the Governing Council/ Syndicate/Board of Management related to IPR and consultancy policy	https://naac.dpu.edu.in/Supplementary/AQAR University202021/3-5-1_3078.pdf
Link to the soft copy of the IPR and Consultancy Policy	https://dpu.edu.in/documents/Consultancy-Policy-Document-ver1.pdf
List of the training / capacity building programmes conducted during the year	https://naac.dpu.edu.in/Supplementary/AQAR University202021/3-5-1_3079.pdf
Any other relevant information	https://dpu.edu.in/documents/other/Intellectual-Property-Rights-Policy-ver1.pdf

3.5.2 - Revenue generated from advisory / R&D consultancy projects (exclude Patients consultancy) including Clinical trials during the year

3.5.2.1 - Total amount generated from consultancy during the year (INR in lakhs)

19.92657

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy/clinical trials	View File
CA certified copy/Finance Officer Certified copy attested by head of the Institution	View File
List of consultants and revenue generated by them (Data Template)	View File
Any other relevant information	View File

3.6 - Extension Activities

3.6.1 - Extension and outreach activities such as community Health Education, Community health camps, Tele-conferences, Tele-Medicine consultancy etc., are conducted in collaboration with industry, Government and Non- Government Organisations engaging NSS/NCC/Red Cross/YRC, Institutional clubs etc., during the year

3.6.1.1 - Number of extension and outreach Programs conducted in collaboration with

industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

157

File Description	Documents
Photographs or other relevant supporting document	View File
Detailed program report for each extension and outreach program with specific mention of number of students and collaborating agency participated	View File
Description of participation by NSS/NCC/Red cross/YRC, Institutional clubs etc., for the year	View File
Any other relevant information	View File

3.6.2 - Number of students participating in extension and outreach activities beyond the curricular requirement as stated at 3.6.1

2995

File Description	Documents
Reports of the events organized	View File
Number of extension and outreach activities conducted with industry, community health camps etc.., for the year (Data Template)	View File
Geo tagged Photos of events and activities	View File
Any other relevant information	View File

3.6.3 - Number of awards and recognitions received for extension and outreach activities from Government / other recognized bodies during the year

The Vidyapeeth is committed to realize its social responsibility through meaningful and purposeful extension and outreach activities and has received 21 National and International awards and recognitions from the Government and other recognized bodies.

Mahatma Gandhi National Council of Rural Education Department of Higher Education, Ministry of Education, Government of India recognized DPU, institute as Social Entrepreneurship, Swachhta & Rural Engagement Cell Institution.

Government of Maharashtra has applauded the efforts of the Vidyapeeth, for conducting COVID VACCINATIONS and Counselling to Migrant workers during COVID-19 pandemic at Dr. D.Y.Patil Medical College and Research center, Pune.

Nirmal Gram Panchayat Jambe awarded certificate of appreciation for Mask Distribution Drive to Biotechnology institute.

Gram Panchayat Bhose, Solu, Wadgaon, Koyali and charholi also awarded certificate of appreciation for Various Swachhta activities by Department of PSM of Dr. D.Y.Patil Medical College and Research center, Pune.

The Vidyapeeth has been appreciated for its magnanimous support in conducting Blood Donation Camps, and for its participation in World AIDS day, International Nursing Day, Breast Feeding Week, World Mental Health Day and Organ Donation Week.

File Description	Documents
Number of awards for extension activities in the year- e-copy of the award letters	View File
List of Government/other recognized bodies that have given the awards	View File
Any other relevant information	View File

3.6.4 - Institutional social responsibility activities in the neighborhood community in terms of education, environmental issues like Swachh Bharath, health and hygiene awareness, delivery of free/ subsidized health care and socio-economic development issues carried out by the students and staff, including the amount of expenditure incurred during the year

There is a 360 degree involvement of the Vidyapeeth in healthcare associated extension activities, from sensitization to curing, healing and well-being of the people and society. Most courses have extension programs incorporated as part of the field practices at Primary Health Centers, Urban Health Centers and Rural Health Training Centers.

Some of the salient contributions of the Vidyapeeth as

institutional social responsibility include activities related to Swachh Bharat Abhiyan, Unnat Bharat Abhiyan, National Service Scheme etc. The various villages have been adopted from the point of view of environmental protection, sanitation, and health care.

- Human Milk Bank takes major role in reducing morbidity and mortality rate.
- Rural Satellite Health Centers with regular clinics at RHCs and UHCs.
- Vidyapeeth has adopted 3 kms of PCMC road for median garden maintenance.
- All the constituent units of Vidyapeeth have received Green Education Campus Certificate for Preventing Pollution, Conserving Natural Resources, and Complying Environmental Regulatory Requirements by TQV Certification Pvt Ltd.
- The Vidyapeeth makes use of mobile dental and medical van, audiovisual aids, and trained artists as well as the assistance of NGOs and government organization in conducting these programs.

File Description	Documents
Geotagged photographs of Institutional social responsibility activities	https://naac.dpu.edu.in/Supplementary/AQAR University202021/3-6-4_2619.pdf
Link for additional information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/3-6-4_2500.pdf
Link for additional information	https://naacdata.dpu.edu.in/Supplementary/ University/4-2-3_22254.pdf

3.7 - Collaboration

3.7.1 - Number of Collaborative activities for research, faculty exchange, student exchange/ Industry-internship etc conducted during the year

3.7.1.1 - Total number of Collaborative activities for research, faculty exchange, student exchange during the year

215

File Description	Documents
List of Collaborative activities for research, faculty exchange etc.., (as per Data Template)	View File
Certified copies of collaboration documents and exchange visits	View File
Link with collaborating Institution's website	https://www.his.se/en/about-us/cooperation/bios/internationalisering/international-exchange-programme-dpu/
Any other relevant information	View File

3.7.2 - Presence of functional MoUs with Institutions/ industries in India and abroad for academics, clinical training / internship, on-the-job training, project work, student / faculty exchange, collaborative research programmes etc., during the year

3.7.2.1 - Number of functional MoUs for faculty exchange, student exchange, academics, clinical training, internship, on-the-job training, project work, collaborative research programmes etc., during the year

27

File Description	Documents
E-copies of the functional MoU's with institution/ industry/ corporate house, Indicating the start date and completion date	View File
Institutional data in prescribed format	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate physical facilities for teaching –learning, skills acquisition etc.

Dr. D. Y. Patil Vidyapeeth, Pune has its spacious campus of 42.5 acres at Pimpri and Tathawade in the Pimpri-Chinchwad Municipal Corporation, an urban area. It comprises the following:

ICT-enabled Classrooms and seminar halls: Academic infrastructure of nine constituent units includes 67 well equipped Classrooms,

150 Demonstration rooms, and 48 Seminar Halls.

Facilities for Clinical learning: There are 2011 beds of Medical hospital, 425 Dental chairs, 325 of Ayurved hospital and 43 Homoeopathy hospital for bed side clinical teaching- learning.

Learning in the Community: DPU has ten Satellite Health Centers covering Rural (RHTC) and Urban (UHTC) areas.

Provisions of Museums and Skill Labs:

Provisions of physical infrastructure, learning resources, clinical learning resources, health care facilities, museums, skill laboratories are over and above the requirements of Regulatory Bodies.

Animal House:

Animal house is registered under Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA) (14/02/2017, R.No.619/PO/02/ReBI/S/02/CPCSEA) and maintained by Department of Pharmacology.

AYUSH Related Learning Cum Therapy Center

As a part of AYUSH systems of medicine during multi-diagnostic camps Ayurveda and Homoeopathy Hospitals provide a wide variety of treatments for acute and chronic medical conditions. In-house teaching pharmacy 'Sudhatatava' is GMP (MH/PZ3/ GMP/6095400) certified.

File Description	Documents
Teaching- learning and skills acquisition facilities in the Institution	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-1-1_2998.pdf
Geotagged photographs of the facilities	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-1-1_2760.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-1-1_3051.pdf

4.1.2 - The Institution has adequate facilities to support physical and recreational requirements of students and staff: sports, games (indoor, outdoor), gymnasium, auditorium, yoga centre etc. and for cultural activities

Dr. D. Y. Patil Vidyapeeth has adequate facilities for Sport and Cultural activities. These are described as follow:

Sports Facilities:

The DPU has made provision for quality and standard indoor/outdoor sports facilities with multi-gym and fitness centre.

Outdoor sports facilities:

Playgrounds are available in the campus for outdoor games like Sport ground (3496m2), two Volleyball grounds (420m2), two Basketball grounds (910m2), Tennis Court (223m2), Kho-Kho, Baseball, Handball, Kabaddi, Archery, etc.

Indoor sports facilities:

Facilities for indoor games like Table tennis (646m2), Badminton (200m2), Carrom and Chess with trained, qualified instructors, are provided at hostels for boys and girls separately.

Cultural Facilities:

Auditorium is available for celebration of Annual Day Function,

various cultural days, cultural competitions etc. based on prior notice and booking.

Yoga Centre - Yoga, meditation and aerobics classes are practiced by students regularly for self-discipline, concentration, fitness and relaxation. Ayurveda College has certificate course on yoga.

Recreational facilities – Two Auditoriums are available with 1000 and 250 Capacity that is used for cultural and other student council activities.

Gymnasium: DPU has provided well-equipped four gymnasiums, two for boys, two for girls and one open gymnasium. Zumba Dance facility is also available at Gymnasium.

File Description	Documents
Available sports and cultural facilities: with geotagged photos	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-1-2_2763.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-1-2_3052.pdf

4.1.3 - Availability and adequacy of general campus facilities and overall ambience

DPU provides adequate amenities with safe and comfortable learning environment. These include:

Hostels: Total built-up area of the hostel is 47,240 m2. The details are as follows:

- Separate hostels for girls (738 rooms) and boys (252 rooms) with 2095 and 651 capacities respectively.
- Interns hostel of 94 rooms with total 255 capacity.
- Staff quarters of 70 flats.
- Nurses hostel (140 rooms) with 380 capacities.

Medical facilities: Students have access to complete health care

needs.

Canteen: The DPU has made provisions of canteen in each constituent unit with adequate facilities.

Toilets: Adequate numbers of clean and well-maintained washrooms are available.

Banks and Post office: The DPU campus has ATM facility of Union bank and IDBI Bank. Post office is in the vicinity at walkable distance.

Roads and signage: The Internal roads are well maintained with proper signage for easy location finding.

Greenery:

The DPU has been certified as Green Education Campus by TQV.

Alternate sources of energy:

Massive drive for providing alternative energy resource by way of harvesting solar power.

Sewage Treatment Plant (STP) - The Vidyapeeth has four STPs with the total sewage handling capacity of 1170 m3/day.

Water Purification Plant: Water Purification system is installed for providing purified water at all constituent units.

File Description	Documents
Geotagged Photographs of Campus facilities	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-1-3_2766.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-1-3_3053.pdf

4.1.4 - Number of expenditure incurred, excluding salary, for infrastructure development and augmentation during the year

4.1.4.1 - Number of expenditure incurred, excluding salary, for infrastructure development and augmentation during the year (INR in lakhs)

3325.80

File Description	Documents
Audited report / utilization statements (highlight relevant items)	View File
Details of budget allocation, excluding salary during the year (Data Template)	View File
Any other relevant information	View File

4.2 - Clinical, Equipment and Laboratory Learning Resources

4.2.1 - Teaching Hospital/s, Equipments, Laboratory and clinical teaching-learning facilities including equipment as per the norms of the respective Regulatory Bodies

Teaching Hospitals: The details are as follows

Teaching Hospitals

Beds / Chairs

Medical

2011

Dental

425

Ayurveda

325

Homeopathy

43

Medical Hospital:

The Medical Hospital is NABH accredited having pivotal infrastructure that supports innovative teaching programs. Eighteen modular OTs of International Standards, twenty-five dialysis units and two Cath-Labs are available. Medical tourism has been started and Superspeciality services are existing that meet latest global standards.

Dental Hospital: The Dental Hospital is NABH accredited with state-of-art Dental Implant Centre facilities that are used in imparting quality education to the students.

Ayurveda Hospital: Ayurveda Hospital is NABH accredited with excellent Panchakarma Facility. Pharmacy manufactures Ayurvedic medicines and variety of Cosmetics/ Neutraceuticals for OPD/IPD patients.

Homeopathy Hospital: The hospital is NABH accredited.

Physiotherapy Services: Physiotherapy OPD is equipped with latest therapeutic modalities to provide best possible care with great safety and efficiency.

Nursing Services: Nursing service is part of Medical Hospital to satisfy the health care needs of the patients.

Institute of Optometry and Visual Sciences: In-house clinical services offered.

Laboratories: There are 110 laboratories in the constituent units of the Vidyapeeth. Molecular diagnostic laboratory is NABL certified.

Equipment: Vidyapeeth has procured sophisticated equipment for teaching hospitals to enhance facilities required by faculty, students and stakeholders.

File Description	Documents
The facilities as per the stipulations of the respective Regulatory Bodies with Geotagged photos	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-2-1_2771.pdf
List of facilities available for patient care, teaching- learning and research with geotagged evidences	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-2-1_2770.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-2-1_3054.pdf

4.2.2 - Describe the adequacy of both outpatients and inpatients in the teaching hospital vis–a–vis the number of students trained and programmes offered (based on HIMS / EMR)

There is adequacy of both outpatients and inpatients in the Medical, Dental, Ayurveda and Homoeopathy hospitals. The numbers are adequate as per the norms of concerned statutory regulatory authorities and exceed the minimum requirement.

The comparison of average number of patients per year treated as outpatients and inpatients in the teaching hospitals as follows:

AY 2020-2021

OPD

1806678

IPD

172249

- **The hospitals have well equipped surgical suites for minor and major surgeries. Average of about 75 major & minor surgeries are being carried out in both hospitals every month with facility of live telecast.**
- **Daily of 6,675 Pathology, Biochemistry and Microbiology investigations and 1,030 daily radiological investigations are conducted.**

Hospital Information Management System (HIMS)

A complete HIMS is developed by the Software Development Cell (SDC) of the Vidyapeeth. The students of Medical, Dental, Ayurveda, Homoeopathy, Nursing, Physiotherapy and Optometry are trained to use the HIMS.

Through regular clinical and multi-specialty postings the students get hands-on training in the respective teaching hospitals. Experience based training includes case study, case presentation, seminars, symposia, bedside teaching,

and patient's management. Students are also regularly trained to use HIMS modules.

File Description	Documents
Outpatient and inpatient statistics for the year	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-2-2_3012.pdf
Description of the adequacy of outpatient and inpatient statistics as per the norms of the Regulatory Bodies (critical documents to be verified by DVV)	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-2-2_2772.pdf
Link to hospital records / Hospital Management Information System	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-2-2_3055.pdf

4.2.3 - Availability of infrastructure for | **A. All of the Above**

community-based learning. Institution has: Attached Satellite Primary Health Centers Attached Rural Health Centers for training of students Attached Urban Health Centre for training of students Residential facility for students / trainees at the above peripheral health

File Description	Documents
Geotagged photographs of Health Centers	View File
Government Order on allotment/assignment of PHC to the Institution	View File
Documents of resident facility	View File
Any other relevant information	View File

4.2.4 - Is the Teaching Hospital / Clinical Laboratory accredited by any National Accrediting Agency? NABH accreditation NABL accreditation International accreditation like JCI., ISO certification of departments /Institution GLP/GCLP accreditation.

A. All of the Above

File Description	Documents
Copies of the Certificate/s of Accreditations	View File
Any other relevant documents	View File
Data Template in prescribed format	View File

4.3 - Library as a Learning Resource

4.3.1 - Library is automated using Integrated Library Management System (ILMS)

DPU has state-of-the-art Learning Resource Centre rich in collection of books, journals, e-books, and e-journals as well as all the e-databases catering to needs of teaching learning and research.

Name and features of the ILMS software: OPAC and an in-house

developed DPU-ERP [Version 3] Nature and extent of automation: fully automated Year of commencement and completion of automation: Commenced in 2014 and completion of automation in 2018

DPU has ensured best library resources at every constitute unit. Each department has also its own departmental library. All the libraries subscribe to both print and e-journals of repute. They also subscribe to standard databases that include EBSCO HOST, SCOPUS, J-GATE, KNOWLEDGE HUB, and ELSEVIER CLINICALKEY and CLINICALFLEX STUDENT. The database facilitates search for title, subject, author, publisher, and keywords.

Every constitute unit has its own Library Committee. This committee is renewed and reconstituted at regular intervals. It meets at least twice in a year and makes recommendations regarding new purchases, library organization, facilities and so on.

Biometric attendance system: Entry and exit for all users from the library register their attendance in the library through biometric attendance system.

Radio Frequency Identification (RFID) system is used in registration and as anti-theft protection.

File Description	Documents
Geotagged photographs	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-3-1_2776.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-3-1_2975.pdf

4.3.2 - Number of books and reference volumes as well as collection of ancient books, manuscripts, Digitalized traditional manuscripts, Discipline-specific learning resources from ancient Indian languages, special reports or any other knowledge resource for library enrichment especially with reference to traditional systems of medicines

Learning Resource Centre has an excellent collection of printed rare books and manuscripts. They Vidyapeeth subscribe to e-journals, e-databases, and periodicals. Library Services include reference, lending, e- info retrieval, browsing, photocopying, books on demand, book exhibition, new arrival counter, readers'

awareness etc.

Every constituent unit has ensured the availability of best library resources to students which follows open access system. The library has added a total of 3069 books and 1707 reference books in AY 2020-2021.

The ancient books include books that are of vintage publication year, special editions, first editions, out of print books, original manuscripts and books related to traditional Indian medical systems. The ancient and traditional books useful for the students and faculty members are made available by providing important links on the library portal of DPU. The search for procuring knowledge resources for enrichment of the library is continuous and on-going. In addition to this every department of the constituent units has its own discipline specific library resources.

File Description	Documents
Library acquisition data for the year	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-3-1_2977.pdf
Any other relevant information	View File

4.3.3 - Does the Institution have an e-Library with membership/ subscription for the following e – journals / e-books consortia e - ShodhSindhu Shodhganga SWAYAM Discipline-specific Databases	A. All of the Above

File Description	Documents
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc. (Data Template)	View File
E-copy of subscription letter/membership letter or related document with the mention of year	View File
Any other relevant information	View File

4.3.4 - Annual expenditure for purchase of books and journals (including e-resources) during the year

4.3.4.1 - Annual expenditure for purchase of books and journals during the year (INR in lakhs)

424.62

File Description	Documents
Provide consolidated extract of expenditure for purchase of books and journals during the year duly attested by Finance Officer	View File
Audited Statement highlighting the expenditure for purchase of books and journal library resources	View File
Proceedings of Library Committee meetings for the year for allocation of fund and utilization of fund	View File
Details of annual expenditure for purchase of books and journals for the year (Data Template)	View File
Any other relevant information	View File

4.3.5 - E-content resources used by teachers/students Other MOOCs platforms SWAYAM Institutional LMS e-PG-Pathshala Any other Government Initiatives	B. Any 4 of the Above

File Description	Documents
Give links or upload document of e-content developed	View File
Supporting documents from the hosting agency for the e-content developed by the teachers	View File
Give links e-content repository used by the teachers / Students	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-3-5_3013.pdf
Data Template	View File

4.4 - IT Infrastructure

4.4.1 - Number of classrooms, seminar halls and demonstration rooms linked with internet /Wi-Fi enabled ICT facilities (data for the preceding academic year)

4.4.1.1 - Number of classrooms, seminar halls and demonstration room with ICT facilities

265

File Description	Documents
Number of classrooms, seminar halls and demonstration room with ICT enabled facilities (Data Template)	View File
Description of new facilities added during the preceding academic year	View File
Consolidated list duly certified by the Head of the institution	View File
Geotagged photographs	View File
Any other relevant information	View File

4.4.2 - Institution frequently updates its computer availability for students and IT facilities including Wi-Fi

The DPU has state-of-the-art Data Centre with separate IT and SDC units. Data Centre provides comprehensive technical IT support including software development, procurement and maintenance of hardware and liaising with software providers.

The DPU has about 1669 computers of which 1071 have been utilized exclusively for academic purpose by the students and the faculty members and the remaining are used for administrative work.

The computer facility in the library is utilized effectively by students for accessing e-learning resources from morning till evening. Frequent up-gradation of IT infrastructure has ensured high speed connectivity to these computers that are readily available to the faculty members and students. Hostels are also having Wi-Fi connectivity.

Up-gradations:

Wi-Fi services are available in classrooms, library and all the buildings of the Vidyapeeth. The classrooms have been upgraded with interactive display boards/ TVs making learning more effective. In addition, audio-video recording facility has been created for the development of e-content. The e-content is then uploaded on Vidyapeeth portal for access by the students for learning.

The installation of Hypervisor i.e. (Virtualization) has converted physical server into multiple virtual machines for each database module eliminating future purchases.

File Description	Documents
Documents relating to updation of IT and Wi-Fi facilities	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-4-2_3014.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-4-2_3113.pdf

4.4.3 - Available bandwidth of internet connection in the Institution (Leased line)	A. ?1 GBPS

File Description	Documents
Details of available bandwidth of internet connection in the Institution	View File
Bills for any one month of the last completed academic year indicating internet connection plan, speed and bandwidth	View File
Annual subscription bill / receipt	View File
Any other relevant information	View File

4.4.4 - Facilities for e-content development such as Media centre, audio visual centre, Lecture Capturing System (LCS), etc.

DPU e-content development facilities such as a high-tech Media Centre and Lecture recording capability. The e-content development and the associated web-based learning complements teaching learning process. To include e-Content in learning, DPU has taken necessary steps to develop infrastructure.

- **Establishment of State-of-art AV studio for preparation of e-content:**

Dr. D. Y. Patil Vidyapeethhas its own e-content development facility for learning innovations. This caters to the needs of student's preparation of high-quality e-content

- **Lecture Capturing System (LCS):**

DPU makes use of lecture capturingwhere all classes are recorded in real time and made available on theVidyapeethonline platform.

The content development, editing and publishing are well defined processes at DPU. Content is peer reviewed and checked for quality and plagiarism. For new program development, a thorough process is followed right from need assessment to courseware development. The program development process at DPU goes through three stages namely: program formulation, instructional design and development of courseware

The software used is Shortcut open-source video editor, iMovie video editing for Mac, Audacity and Catwalk by Bandlab for audio editing and mixing, Adobe Premier and Adobe Aftereffect. The teachers and students are making use of e-resources through e-library and internet connectivity.

File Description	Documents
The e-content development facilities	https://naacdata.dpu.edu.in/Supplementary/University/4-4-4_16844.pdf
Geotagged photographs	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-4-4_2781.pdf
Any other relevant information	http://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-4-4_3162.pdf

4.5 - Maintenance of Campus Infrastructure

4.5.1 - Number of expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

6375.83

File Description	Documents
Audited statements of accounts on maintenance	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Template)	View File
Link to ERP	http://naac.dpu.edu.in/Supplementary/AQARUniversity202021/4-5-1_3161.pdf
Any other relevant information	View File

4.5.2 - There are established systems and processes for maintaining physical and academic support facilities: (laboratory, library, sports facilities, computers, classrooms, etc.)

Each constituent unit has a Maintenance Cell with designated personnel and officials for the maintenance of buildings, classrooms, laboratories, and other campus facilities. Maintenance cell meetings are held quarterly.

ICT Maintenance:

The Vidyapeeth has an independent IT Department for maintaining the IT infrastructure and resources. Annual maintenance contracts with the suppliers of ICT based instrumentation; hardware and software are in place.

Electrical and electronic maintenance:

- The Vidyapeeth has an engineering section that looks after maintenance of electrical installations, lifts, water coolers, air conditioners and generators.

Maintenance of Physical Facilities:

- A team of skilled personnel carry out maintenance work

related to civil, plumbing, sanitation, water supply, power backup, electric supply, as well as repair of instruments and machines. The maintenance cell undertakes repair work at constituent units, hospitals, support services, hostels, sports and other central facilities.

Academic Support facilities:

Library: The Library committee takes care of the safety and other maintenance issues related to library.

Laboratory: Each constituent unit laboratory has systems for preventive measures and maintenance records.

Sport Facilities: DPU Sports Department which takes care of sport equipment and maintenance of ground.

Computers and classrooms: The computers, Wi-Fi facilities in classrooms, LAN connectivity is maintained and upgraded regularly

File Description	Documents
Minutes of the meetings of the Maintenance Committee for the year	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-5-2_2954.pdf
Log book or other records regarding maintenance works	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-5-2_2951.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/4-5-2_2950.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships /free-ships / fee-waivers by Government / Non-Governmental agencies / Institution during the year

5.1.1.1 - Number of students benefited by scholarships /freeships / fee-waivers by Government / Non-Governmental agencies / institutions during the year

2067

File Description	Documents
Attested copies of the sanction letters from the sanctioning authorities	View File
Consolidated document in favour of freeships and number of beneficiaries duly signed by the Head of the institution	View File
List of students for the year who received scholarships/ freeships /fee-waivers	View File
Any other relevant information	View File

5.1.2 - Institution implements a variety of capability enhancement a n d o t h e r s k i l l s development schemes Soft skills development Language and communication skill development Yoga and wellness Analytical skill development Human value development Personality and professional development Employability skill development

A. All of the Above

File Description	Documents
Detailed report of the Capacity-enhancement programs and other skills development schemes	View File
List of capability enhancement and skill development schemes (Data Template)	View File
Link to Institutional website	https://dpu.edu.in/capability-enhancement-skills-year-2020-21.aspx
Any other relevant information	View File

5.1.3 - Number of students benefited by guidance for competitive examinations and career advancement offered by the Institution during the preceding academic year

5.1.3.1 - Number of students benefited by guidance for competitive examinations and career advancement offered by the Institution during the preceding academic year

2626

File Description	Documents
Copy of circular/brochure of such programs	[View File](#)
List of students attending each of these schemes signed by competent authority	[View File](#)
Program/scheme mentioned in the metric	[View File](#)
List of students (Certified by the Head of the Institution) benefited by guidance for competitive examinations and career advancement offered by the Institution during the preceding academic year (Data Template)	[View File](#)
Any other relevant information	[View File](#)

5.1.4 - The Institution has an active international student cell

The International Student Cell (ISC) is functioning at DPU with the objective of attracting international students and ensuring an inclusive environment for their holistic development. DPU is committed to provide student support services which ensures the progress of international students. International Students Cell works for the all-round development by a number of formal and informal systems, and strategies. Every constituent unit has a Mentorship Committee which provides them academic and psychological supportand solves their personal as well as professional issues and guides them through various phases of academic and personal development during their stay at the Vidyapeeth. Language classes and training sessions are arranged for them to overcome the linguistic barrier of the international students and to teach them the local language especially during the first year of their academic programme. Other committees like Hostel and Counselling committees are also constituted to look after these students. The services related to food and accommodations are monitored. Health issues especially during COVID 19 Pandemic are taken care of by regular health check-ups. These students are always encouraged by the ISC to participate in co-curricular and extra-curricular activities like seminars, symposia, sports, cultural events and Annual Day functions.

File Description	Documents
International students' cell	https://naac.dpu.edu.in/Supplementary/AQAR University202021/5-1-4_3059.pdf
Any other relevant information	https://dpu.edu.in/international-student-cell.aspx

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances / prevention of sexual harassment and prevention of ragging Adoption of guidelines of Regulatory Bodies Presence of the committee and mechanism of receiving student grievances (online/ offline) Periodic meetings of the committee with minutes Record of action taken	A. All of the Above

File Description	Documents
The Institution has a transparent m	View File
Circular/web-link/ committee report justifying the objectives of the metric	https://naac.dpu.edu.in/Supplementary/AQAR University202021/5-1-5_3082.pdf
Details of student grievances and action taken (Data Template)	View File
Any other relevant information	View File

5.2 - Student Progression

5.2.1 - Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/ GPAT/CAT/ GRE/TOEFL/ PLAB/ USMLE /Civil services/ Defense/UPSC/State government examinations/ PG-NEET/ AIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,) during the preceding academic year

151

File Description	Documents
Number of students qualifying in state/ nation	[View File](#)
Pass Certificates in the examination	[View File](#)
Any other relevant information	[View File](#)

5.2.2 - Number of placement /self-employed professional services of outgoing students during the preceding academic year

5.2.2.1 - Number of outgoing students who got placed / self-employed during the preceding academic year

911

File Description	Documents
Self-attested list of students placed / self-employed	[View File](#)
Details of student placement / self-employment during the preceding academic year (Data Template)	[View File](#)
Any other relevant information	[View File](#)

5.2.3 - Number of the graduates in the preceding academic year, who have had progression to higher education

5.2.3.1 - Number of outgoing students progressing to higher education

142

File Description	Documents
List of students who have progressed to Higher education preceding academic year	[View File](#)
Supporting data for students/alumni	[View File](#)
Details of student progression to higher education (Data Template)	[View File](#)
Any other relevant information	[View File](#)

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/ cultural activities at state/regional/national/international events (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at state/regional /national/international events (award for a team event should be counted as one) during the year

6

File Description	Documents
e-copies of award letters and certificates	View File
List of awards/medals for outstanding performance in sports/cultural activities at national/international events during the year (Data Template)	View File
Any other relevant information	View File

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

DPU has its a vibrant Student Council comprisingof members from the administration & various General Secretaries representing all 9constituent units. The Student Council is constituted in accordance with the bye-laws of the Vidyapeeth.

Due to Covid 19 pandemic, gathering of students was avoided, therefore under the guidance of the Director, Student Welfare, the Student Council of DPU has conductedvarious co-curricular and extra-curricular activities virtually, like singing competition, chess, debates/quizzes, photography, various activities of NSS like extempore events, throughout the year which helped in boosting the psychological& mental health of the students.

The Council supported the community and needy people by providing services during COVID 19 pandemic by distributing masks & sanitizers, & conducting various Covid awareness webinars & camps

Members of the Student Council also bridge the gap between students and the administration. They promote friendship and harmony amongst students besides representing views of the students. Students are actively involved in community-oriented research activities. They represent views of students on various academic and administrative bodies like IQAC, Library Committee,

Anti-ragging Committee, Grievance Redressal Cell, etc. This helps in inculcating leadership qualities and democratic functioning in the young professionals

File Description	Documents
Student Council activities during the year	http://naac.dpu.edu.in/Supplementary/AQARUniversity202021/5-3-2_3077.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQARUniversity202021/5-3-2_3063.pdf

5.3.3 - Number of sports and cultural activities / events/ competitions organised in the Institution during the year

5.3.3.1 - Number of sports and cultural activities / competitions organised by the Institution during the year

22

File Description	Documents
Report of the events/along with photographs appropriately dated and captioned	View File
Copy of circular/brochure indicating such kind of activities Information as per Data template	View File
Any other relevant information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapter (registered and functional) has contributed significantly to the development of the Institution through financial and other support services during the year

All constituent units of DPU have vibrant Alumni Associations, registered under the Societies Registration Act 1860. Alumni of all institutes contribute significantly to the development of the institution. Alumni contributed Rs. 4,69,852/- for the development of institution. Alumni participate in various activities including career-advancement lectures, how to build up Professional practice, career guidance, seminars on current trends, etc. for the comprehensive development of the students. This helps the students in preparing themselves for growth and development of their professional career in advance. Enthusiastic

and energetic alumni of DPU organized activities including Annual Meet, and Extracurricular activities. Alumni of Nursing College have provided financial support to the students in the form of scholarships. Alumni have donated 59 books and bone set for students. The Annual General Body meetings are held every year. During alumni meet, activities of the previous year are reviewed and planned for the forthcoming year. They also share their progress and job profiles which inspires the present students and their fellow-mates. Feedback is taken from alumni regularly, which helps in upgrading the curriculum considering current needs. Alumni also help to boost the placement activities of constituent unit by providing information on career opportunities/Jobs and campus interviews.

File Description	Documents
Details of Alumni Association activities for the year	View File
Frequency of meetings of Alumni Association with minutes	View File
Quantum of financial contribution for the year	View File
Audited statement of accounts of the Alumni Association for the year	View File

5.4.2 - Provide the areas of contribution by the Alumni Association / chapters during the year Financial / kind Donation of books /Journals/ volumes Students placement Student exchanges Institutional endowments	A. All of the Above

File Description	Documents
Annual audited statements of accounts. Extract of Audited statements of highlighting Alumni Association contribution duly certified by the Finance Officer and Head of the Institutions	View File
List of Alumni contributions made during the year	View File
Certified statement of the contributions by the head of the Institution	View File
Any other relevant information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The Institution has clearly stated Vision and Mission which are reflected in its academic and administrative governance

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Vision:

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

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".

Both the vision and mission statements have been approved by the
Board of Management (vide its resolution BM-43-14 dated
20-01-2014) of DPU and available on the website. (www.dpu.edu.in
)

Based on the vision and mission, DPU has continued its academic
journey supported by proactive leadership and benevolent
management, good governance approach and keeping with the
commitment to alleviate human suffering. The governance model of
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DPU with respect to Statutory/Non-Statutory/other bodies is as per the revised UGC (Deemed to be University), Regulations, 2019. Stakeholders of the Vidyapeeth have always been included in the decision-making process by their inclusion as members on various bodies/councils and committees. External experts are also appointed on various boards for their professional inputs.

The unified efforts of the Vidyapeeth and its stakeholders through mechanism of decentralization and participative management has led to timely achievement of the goals and objectives of DPU Vision 2025.

File Description	Documents
Vision and Mission documents approved by the Statutory Bodies	https://naac.dpu.edu.in/Supplementary/AQAR University202021/6-1-1_2894.pdf
Report of achievements which led to Institutional excellence	https://naac.dpu.edu.in/Supplementary/AQAR University202021/6-1-1_3115.pdf
Any other relevant information	View File

6.1.2 - Effective leadership is reflected in various Institutional practices such as decentralization and participative management etc.

Case Study - Timely Response to Covid 19 Pandemic.

The Covid 19 Pandemic was a big challenge to the entire humanity worldwide thataffected the Global Academic system as well.

Dr. D. Y. Patil Vidyapeeth, in accordance with the guidelines put-forth by the Central/State Government and the local municipal Councils, made sure that all Academic, Research, Extension and Clinical activities continued without any halt.

All statutory and Non Statutory bodies, various committees and the IQAC of the Vidyapeeth, in unison with the constituent units streamlined the Academic, Clinical, Research, Extension and Welfare activities by online/offline meetings for deciding and deploying the plan of action in the exceptional scenario of Covid-19. Blended mode of Teaching-Learning and Evaluation (Online/Offline) was adopted as per guidelines from regulatory authorities. Faculty and students were connected through the DPU-ERP for Teaching-Learning as well as evaluation process and students were provided all the e-resources required to meet their curriculum requirements.

The Medical and AyurvedHospital provided Covid-19 care and vaccination services besides distribution of Arsenic Album (Homeopathy Hospital)and engaged in collaborative efforts to combat Covid-19 pandemic.

This decentralized and participative effort made sure that the Academic, Research and Clinical activities continued without any major shortcomings.

File Description	Documents
Information / documents in support of the case study	https://naac.dpu.edu.in/Supplementary/AQAR University202021/6-1-2_3103.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/6-1-2_3114.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The strategic plan of DPU (Vision 2025) was developed by involving all the stakeholders through various bodies/committees, such as Departmental Committees, College Councils, Board of Research, Planning &Monitoring Board, Academic Council and Board of Management.

Vision 2025:

"To develop a knowledge center which will be recognized for its academic pursuit not only in India but also Globally"

The year 2020-2021 was the year of the Covid-19 pandemic but in-spite of this, the Vidyapeeth and its constituent units maintained the momentum towards achieving the goals and objectives laid down in the DPU Vision 2025 document.

Regular interaction of all stakeholders, statutory committee (P&M, BoM, BoS, AC etc.) meetings through offline and online mode and the pro-active steps by the IQAC led to timely implementation of the strategic plan.

Monitoring and assessment of the outcomes were made at regular intervals through monthly review meetings of Deans, Directors,

Officers, education units of constituent Institutes and IQAC of the Vidyapeeth and its constituent units and through audits like AAA, ISO, NABH, NABL etc.

Action plans to address shortcomings if any were immediately deployed by respective bodies.

File Description	Documents
Strategic Plan document	View File
Minutes of the Governing Council/ other relevant bodies for deployment / monitoring of the deliverables during the year	View File
Any other relevant information	View File

6.2.2 - Effectiveness and efficiency of functioning of the Institutional bodies as evidenced by policies, administrative setup, appointment and service rules, procedures etc.

Based on UGC (Deemed to be University) Regulations 2019, DPU has established all the Statutory Bodies for the involvement of various stakeholders in the process of participatory decision making and implementation. These include the Board of Management, Academic Council, Finance Committee, Planning and Monitoring Board and Board of Studies. Additionally, the Board of Research, Board of Examinations and Faculty have been constituted.

The effectiveness of these bodies is evident through minutes of meetings and the implementation of their resolutions. These Committees work at various levels for the effective functioning of the Vidyapeeth. Regular meetings are conducted to consider various agenda items and issues to take decisions. Resolutions are made and the appropriate actions are taken by the officers of the Vidyapeeth.

The schedule of meetings of various Statutory Authorities and Committees is as given in the Bye-Laws of the Vidyapeeth and UGC Regulations 2019. Even in the Covid-19 pandemic, the meetings of Statutory bodies were conducted on online/offline/hybrid mode as per protocols to ensure that Administrative, Academic, Clinical and Research activities of the Vidyapeeth did not suffer any shortcomings.

File Description	Documents
Annual Report of the preceding academic year	https://naac.dpu.edu.in/Supplementary/AQAR University202021/6-2-2_2489.pdf
Minutes of meetings of various Bodies and Committees for the preceding academic year	https://naac.dpu.edu.in/Supplementary/AQAR University202021/6-2-2_3104.pdf
Any other relevant information	https://dpu.edu.in/Docs/Quality-Control/Bye-Laws-ver2.pdf

6.2.3 - The University has implemented e-governance in the following areas of operation Planning and Development Administration (including Hospital Administration & Medical Records) Finance and Accounts Student Admission and Support Examination	A. All of the Above

File Description	Documents
Institutional budget statements allocated for the heads of E-governance implementation ERP Document for the year	View File
e-Governance related document	View File
Screen shots of user interfaces	View File
Any other relevant information	View File

6.3 - Faculty and Staff Empowerment Strategies

6.3.1 - The Institution has effective welfare measures for teaching and non-teaching staff and other beneficiaries.

DPU has a policy to provide all the support and welfare to its Staff and students for achieving excellence in Academics, Clinical Services and Research.

Teaching

- Financial support for attending FDP's.
- Seed money for Research.
- Financial assistance for copyrights and patents.
- Publication incentives.

- Accidental Group Insurance, Professional Indemnity Insurance
- Performance appraisal-based promotion scheme.
- Special leaves to attend FDP, PhD Work and Examinations.
- On-campus accommodation facility.
- Seminars, workshops, conferences, guest lectures and CME are organized by the University as well as by constituent colleges.
- Day-care centre facility.
- Opportunity for higher education.
- DPU Appreciation awards in Administration, Academics and Research
- Medical Facilitites - Vaccination, Annual Health Check-up, Covid-19 Care

Non Teaching

- Provident fund, Accidental Insurance, Professional Indemnity Insurance
- Performance appraisal-based promotion scheme.
- Accommodation facility on the campus.
- Transport facility.
- Day-carefacility.
- Personality development programmes, soft skills, Yoga and Meditation as well as the provision of uniform to class IV staff.
- Free/ Discounted Medical facilities

Students

- DPU Merit Scholarship.
- Seed money for Research.
- Tution fee / Examination late fee waiver
- Hostel facility on the campus.
- Transport facility.
- Sports and recreation facilities within campus.
- Provision of PhD and Post-Doctoral fellowships.
- Stipend to Medical PG Students
- Financial support to attend conferences
- Free/discounted medical facilities.

File Description	Documents
Policy document on welfare measures	https://naac.dpu.edu.in/Supplementary/AQAR University202021/6-3-1_2959.pdf
List of beneficiaries of welfare measures	https://naac.dpu.edu.in/Supplementary/AQAR University202021/6-3-1_3106.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/6-3-1_3105.pdf

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

320

File Description	Documents
Details of teachers provided with financial support to attend conferences, workshops etc. during the year (Data Template)	View File
List of teachers provided membership fee for professional bodies during the year	View File
Policy document on providing financial support to teachers	View File
E-copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support under each head	View File
Audited statement of account highlighting the financial support to teachers to attend conferences/workshops and towards membership fee for professional bodies during the year	View File
Any other relevant information	View File

6.3.3 - Number of professional development / administrative training programmes organized by the University for teaching and non- teaching/technical staff during the year (Continuing education programmes, entrepreneurship development programmes, Professional skill

development programmes, Training programmes for administrative staff etc.,)

171

File Description	Documents
List of professional develoment / administrative training programmes organized by the University for the year	View File
The lists of participants who attended the above programmes during the year (Data template)	View File
Detailed program report for each program	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres).	View File
Reports of Academic Staff College or similar centres. Verification of schedules of training programs	View File
Copy of circular/ brochure/report of training program self- conducted program may also be considered	View File
Any other relevant information	View File

6.3.4 - Number of teachers who have undergone Faculty Development Programmes (FDP) including online programmes (Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) during the preceding academic year

298

File Description	Documents
Details of teachers who attended FDPs during the preceding academic year (as per Data Template)	View File
Details of teachers who attended FDPs during the preceding academic year (as per Data Template)	View File
E-copies of the certificates of the programs attended by teacher Any other relevant information	View File

6.3.5 - Institution has Performance Appraisal System for teaching and non-teaching staff

DPU has a well-established Appraisal Policy for its staff.

The Appraisal form of Teaching staff is based on the following points -

- Academic performance and teaching activities.
- Innovation in teaching-learning
- Research Projects guided and research schemes in hand
- Research Articles, books, book chapters, laboratory manuals published and edited.
- Conferences, seminars, workshops attended and papers presented.
- Awards and Recognitions received.
- Mentoring and Guidance to students
- Extra-curricular and co-curricular activities carried out.
- Administrative work done for the College/ Vidyapeeth
- Participation in organizing events and workshops.
- Participation in examination work.
- Feedback from stakeholders.

The aboveperformance appraisal parameters included in the Appraisal Form arefilled by the employee which is then filled by Reporting Officer (Head of the Department) and finally by Reviewing Authority (Dean/Director/Principal).

The report of Self Appraisal of Principal / Dean /Director is reviewed by the Vice-Chancellor of the Vidyapeeth.

Based on the performance appraisal with "Very Good" remark for a

minimum of three years and fulfillment of regulatory norms, the employees are considered for career progression.

Similarly, appraisal of the non-teaching staff is undertaken by the concerned unit Head and reviewed by the Head of the Institution.

The Report of Self Appraisal Analysis is duly approved by theBoM.

File Description	Documents
Performance Appraisal policy of the Institution	View File
Report on the analysis of the Performance Appraisal for the teaching and non-teaching staff for the year as submitted to the Board of Management/ University Senate etc.	View File
Any other relavent information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilization of resources

DPU, Pune is a self-financing institution and the fees collected from the students for various programs and facilities/services act as the major source of income. Fees collected is fixed by the 'Fee Fixation Committee', which is empowered to review and revise the fee structure. The Vidyapeeth allocates the resources under various budget heads following which the institutional budget is prepared by the concerned Head of the institution taking into consideration the annual recurring and non-recurring expenditures. The Finance Committee recommends the budget to the Board of Management for its approval.

The main goal of the strategy for mobilization of funds is to ensure adequate funds flow for maintenance and development expenses for growth and expansion as per DPU-Vision 2025 document.

Additional sources of funding:

1. Hospital income

2. Extra-mural Research Grants and Consultancy services.

3. International MoU's which have attracted foreign-funded projects..

Optimal utilization of financial resources is done through the Annual Budget exercise. Budget is prepared based on the actual expenditure of the previous year and proposed academic and administrative development. This budget is approved and effectively monitored by the Finance Committee and the Board of Management. Approved budget and actual expenditure is monitored by Internal and External audits.

File Description	Documents
Resource mobilization policy document duly approved by BoM / Syndicate / Governing Council	https://naac.dpu.edu.in/Supplementary/AQAR University202021/6-4-1_2482.pdf
Procedures followed for optimal resource utilization	https://naac.dpu.edu.in/Supplementary/AQAR University202021/6-4-1_2481.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/6-4-1_2481.pdf

6.4.2 - Funds / Grants received from Government / Non-Government bodies / philanthropists during the years (excluding scholarships and research grants covered under Criterion III)

File Description	Documents
Audited statements of accounts for the year	View File
Copy of letter indicating the grants/funds received by respective agency as stated in the metric	View File
Provide the budget extract of audited statement towards Grants received from Non-Government bodies, individuals, philanthropist duly certified by chartered accountant and/or Finance Officer	View File
Information as per Data template	View File
Any other relevant information	View File

6.4.3 - Institution conducts internal and external financial audits regularly

Internal Audit: DPU has a policy for Internal and External Audits duly approved by the Finance Committee and Board of Management that ensure financial transactions; pursue the controls and procedures with reasonable assurance that significant risk is being managed properly. Documents related to purchase, stores, cash, bank, maintenance, development passes through the hands of more than two staff which reduces the risk. While the documents are prepared by an accountant, they are also verified and authorized by higher officials.

DPU follows pre-audit to payments procedure wherein after the document has been verified, it goes for audit by the Chartered Accountant.

External Audit: DPU follows an external financial audit mechanism. The financial statements prepared by the institution are independently audited by a firm of Chartered Accountants. The external auditor is appointed by the Board of Management on the recommendation of the Finance Committee.

The external auditor scrutinizes the ledgers of the institution and makes inquiries in respect of transactions recorded. After

conducting the audit, they express their opinion in the form of an Audit Report and audited Financial Statements which is placed before the Finance Committee and BOM for approval. Finally, a consolidated financial statement of the Vidyapeeth is prepared.

File Description	Documents
Policy on internal and external audit mechanisms	https://naac.dpu.edu.in/Supplementary/AQAR University202021/6-4-3_2483.pdf
Financial Audit reports for the years	https://naac.dpu.edu.in/Supplementary/AQAR University202021/6-4-3_2549.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/6-4-3_2483.pdf

6.5 - Internal Quality Assurance System

6.5.1 - Instituion has a streamlined Internal Quality Assurance Mechanism

The DPU IQAC aims at promoting excellence through institutional quality parameters andhas contributed significantly for institutionalizing the quality assurance strategies and processes. This has remarkably improvedthe academic and administrative performance as reflected in the achievements of the Vidyapeeth.

Prominent Activities of the IQAC in 2020-2021 -

1. In view of the Competency based Curriculum, Faculty Development Programs related to Outcome based Health Education were conducted by UCPE&FD in association with IQAC. 2. Training programson use of Advanced ERP Modulesand NABH/NABL Accreditations were conducted for Teaching and Non-Teaching Staff. 3. "Saturday Webinar Series" by eminent personalities, focusing primarily on mental well-being of Staff and Students was organized. 4.Medical and Dental Hospitals wereNABH Accredited. 5.ISO Certification forDPU-IQAC and CCL of Medical College was recieved. 6. Interdisciplinary Research Competition "UNMESH-2021" and "2nd Conference on Interdisciplinary Research in Health Sciences" were organized forfaculty and students. 7. Conducted Workshops on "Art of Living"for Staff well-being during the pandemic period. 8. Webinars on IPR, Start-ups, Patent filing,

Entrepreneurship and Innovation were organized.

File Description	Documents
The structure and mechanism for Internal Quality Assurance	https://naac.dpu.edu.in/Supplementary/AOAR University202021/6-5-1_2558.pdf
Report on the quality sustenance/enhancement initiatives of the IQAC during the year	https://naac.dpu.edu.in/Supplementary/AOAR University202021/6-5-1_3116.pdf
Minutes of the IQAC meetings for the year	https://naac.dpu.edu.in/Supplementary/AOAR University202021/6-5-1_2562.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AOAR University202021/6-5-1_2557.pdf

6.5.2 - Quality assurance initiatives of the Institution include: Academic and Administrative Audit (AAA) and initiation of follow-up action Conferences, Seminars, Workshops on quality Collaborative quality initiatives with other Institution(s) Orientation programmes on quality issues for teachers and students Participation in NIRF process Any other quality audit by recognized State, National or International agencies (ISO, NABH, NABL Certification, NBA, any other)	**A. All of the Above**

File Description	Documents
Report /certificate of the Quality Assurance Initiatives as claimed by the Institutions eg: NBA, ISO, NABH, NABL, AAA etc.,	View File
Data template including documents/certificates relating to options 1 to 6 above	View File
Any other relevant information	View File

6.5.3 - Impact analysis of the various initiatives carried out and used for quality improvement during the year

A clear vision and mission focusing on quality has enabled DPU to earn a place amongst the top-ranked Universities in the country.

The IQAC monitors performance of constituent units through various sub-committees and takes regular review of the same. The DPU IQAC and IQAC of constituent units organize various activities throughout the year for all its stakeholders to continue quality practices in Academics, Research and Healthcare. Quality audits like Internal AAA, ISO, Green and Energy Audits, NABH/NABL etc are conducted/initiated by the IQAC. Feedback from stake holders is used for implementing quality enhancement initiatives.

The impact of Quality initiatives can be perceived from the following achievements by the Vidyapeeth and its constituent units in the year 2020-2021:

- One Super-specialty and ten Fellowship programs were added in AY 2020-2021.
- Syllabus revision of 24% programs.
- Number of courses increased to 949.
- 16 Value added courses were conducted.
- Average teaching experience of faculties - 13.27yrs.
- Increase in Research Publications and h-index.
- Technological upgradation.
- NABH, NABL and ISO accreditation/certification.

- GMP Certification of Sudhatatva Pharmacy.
- Bureau Veritas Certification 2020.
- Certification of Medical Hospital and Yashoda Milk Bank by BPNI & NHMB.
- Consistency in NIRF Ranking 2021.
- Recognized Social Entrepreneurship, Swacchata & Rural Engagement Cell Institution.

File Description	Documents
Relevant documents/information on the process and results of impact analysis on the above aspects	https://naac.dpu.edu.in/Supplementary/AQAR University202021/6-5-3_3117.pdf
Any other relevant information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the institution for the promotion of gender equity during the year

DPU is proactive in promoting gender equity by ensuring equal access to curricular and co-curricular processes as follows:

- Equal opportunities in learning and career advancement
- Ensuring safe and secure environment
- Speedy Grievance Redressal
- Conduct and implementation of Gender Audit

With implementation of above strategies, today DPU feels proud to have nearly 56.14% staff and students being represented by women.

Measures to strengthen gender equity in the Curriculum are:

- Inclusion of gender equity and related topics in courses
- Encouraging equal participation of both genders in curricular and cocurricular activities
- Inclusion of ethics and ethical practices.

1. To propagate the message of gender inclusiveness following Co-Curricular activities are conducted:

- DPU organizes annual sports meet "URJA" and cultural extravaganza "DPU-Nite" wherein students of both genders exhibit their talents.
- Celebration of International Women's Day on various themes like women empowerment, women's rights, opportunities for women and financial literacy.
- Gender sensitization programmes like debates, guest lectures and role plays are conducted by Student's Council
- Equal opportunity for career progression is given amongst teaching, hospital, administrative and security staff.

2. Annual Gender Sensitization Action Plan:

- Measures and programs are planned and executed every year to make the working environment healthy.

3. Facilities provided for women include:

a. Safety and Security:

- Considering diversity, personal security of women is given top priority for safeguarding physical, intellectual, and emotional well-being. Special emphasis has been given for providing the following facilities:

  - Female security staff and bouncers (24/7)
  - CCTV surveillance of entire campus
  - Internal Complaints Committees

b. Counselling:

- Full-time clinical psychologist on board for student counselling which helps them in overcoming their personal issues and challenges.
- Mentor Mentee System ensures that the student's academic and personal problems if any are addressed.

c. Common Rooms:

- Common rooms for girls are provided with all the basic amenities.

d. Day Care Centre for young children:

- Two Day Care Centres have been established with all essential facilities to take care of children.

e. Internal Complaints Committee:

- Internal Complaints Committee has been constituted as per U.G.C. guidelines.

File Description	Documents
Annual gender sensitization action plan	https://naac.dpu.edu.in/Supplementary/AQAR University202021/7-1-1_2873.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/7-1-1_2874.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	A. All of the Above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File
Data template in prescribed format	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 100 - 200 words)

DPU has facilities for management of degradable and non-degradable waste complying with guidelines of Maharashtra Pollution Control Board (MPCB). These are as follows:

Solid waste management

Bio- degradable solid waste of canteen and garden is composted in a vermicompost plant installed in DPU campus. Plastic is banned as per directive of Government of Maharashtra and has been strictly observed at DPU.

Liquid waste management

Vidyapeeth has four sewage treatment plants (STP) with a total capacity of 1170 m3/ day to manage the liquid waste. One effluent

treatment plant (ETP) with a total capacity of 50 m3/day and two water treatment plants (WTP) with a total capacity of 650 m3/day, have also been installed. The liquid waste management plants have been installed at a cost of more than Rs 65 lacs.

Biomedical waste management

Biomedical waste generated in the Hospitals is disposed as per norms. The waste is collected at the point of generation in prescribed colour coded bags and bins. They are segregated and stored at a specific area and handed over every day to the common disposable facility run by PCMC. All the institutes hold licenses and valid contracts from MPCB, Government of Maharashtra

E-waste management

Vidyapeeth has executed an agreement for disposal of e-waste with J.S. Enterprises along with creating awareness amongst employees and students regarding the same.

Waste recycling system

The wastewater is treated and recycled water is used for landscaping and toilets.

Hazardous chemicals and radioactive waste management

Standard protection protocols and guidelines of Atomic Energy Regulatory Board (AERB) have been followed to ensure protection from radiation. These include:

- Protection devices like Lead shielding of adequate thickness, thyroid collar etc, is used to prevent exposure to radiation
- "Thermoluminescent Dosimeter" badge is used to monitor radiation exposure.
- All the equipment and layout plan of the Department of Radio-diagnosis and Imaging are approved by AERB.
- Periodic quality assurance, radiation safety survey, and health surveillance is conducted for all radiation generating installations and workers.
- Radiation Safety Committee is constituted.

- **Licenses of all radiology equipment are renewed every five years.**

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	https://naac.dpu.edu.in/Supplementary/AQAR University202021/7-1-3_2875.pdf
Geotagged photographs of the facilities	https://naac.dpu.edu.in/Supplementary/AQAR University202021/7-1-3_2877.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/7-1-3_2876.pdf

7.1.4 - Water conservation facilities available in the Institution Rainwater harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or All of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include: Restricted entry of automobiles Battery-powered vehicles Pedestrian-friendly pathways Ban on the use of Plastics Landscaping with trees and plants	A. All of the Above

File Description	Documents
Geotagged photos / videos of the facilities	View File
Relevant documents / reports	View File
Any other relevant documents	View File
Data template in prescribed format	View File

7.1.6 - Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives: Green audit Energy audit Environment audit Clean and green campus recognitions / awards Beyond the campus environmental promotion activities Any awards received for green campus initiatives	`A. All of the Above`

File Description	Documents
Audit reports of the institution related to the metric Data template	View File
Any other relevant information	View File

7.1.7 - The Institution has Divyangjan friendly, barrier-free environment Built environment with ramps/lifts for easy access to classrooms. Divyangjan friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for Divyangjan to access NAAC for Quality and Excellence in Higher Education AQAR format for Health Sciences Universities Page 68 website, screen-reading software, mechanized equipment Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading	`A. All of the Above`

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Relevant documents / reports	View File
Any other relevant information	View File
Data Template	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

`DPU caters to the needs of students coming from diverse cultural,`

regional, linguistic, and socio-economic backgrounds. Vidyapeeth offers an all-inclusive favorablelearning environment which promotes overall development, harmonious and tolerant atmosphere for the students which enables them to tap their own endless potential and achieve greater heights of success.

DPU believes in "Unity in Diversity". Around 39 % students are from other states hence Vidyapeeth has made efforts to offer them with inclusive environment that integrates them into the socio-cultural ethos of Maharashtra and the city of Pune.

DPU extends an all-encompassing environment through festivals by observing holidays, honouring faiths, cultural and sport related activities. The students participate in organizing cultural events representing various states of India like traditional day, celebration of new year, participating in National Days, NSS activities, National Youth Day and Science Day.

Co-curricular activities like debates, quiz competitions, health camps, and field trips are conducted, and students are encouraged to participate in them. These activities help to widen the horizon of the students and promote tolerance towards local customs.

Extra-curricular activities such as sports and cultural activities like "URJA" and "DPU-Nite" are organized by the Vidyapeeth which showcase the rich and diverse culture of India.

Celebration of Festivals like Ganesh-Utsav, Dussera, Dhanvantari Pooja, Navratri, Holi, and Christmas help to promote coherence amongst all.

Local Language Classes are conducted for international students and students from other states of India to ensure ease of communication with patients and local community. The Vidyapeeth has constituted several statutory committees as per UGC regulations like

Gender Sensitization; Anti-Discrimination; Anti-Ragging; OBC; Minority; Grievance; Internal Complaints to ensure that all

guidelines are followed and grievance if any is attended quickly.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	https://naac.dpu.edu.in/Supplementary/AQAR University202021/7-1-8_2878.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/7-1-8_2878.pdf

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

DPU has taken proactive steps towards inculcating values amongst the students and staff to make them responsible citizens of India. The philosophy of DPU is to demonstrate unity in diversity of its students and faculty by providing opportunities to participate and celebrate commemorative and national days of importance. This helps in strengthening spirit of nationalism and inculcating values such as truth, non- violence, equality and inclusiveness in the young minds that helps in strengthening the roots of democracy.

Some of the activities conducted to sensitize the students and staff towards their constitutional obligations include:

National Days like Independence Day and Republic Day makes student and staff feel proud to be a citizen of India.

Being a Health Sciences University, DPU lays great emphasis on instilling ethical values, empathy and responsibility towards patients and public. Bioethics has been integrated into the curriculum of the constituent units under DPU. Establishment of Bioethics Chair in collaboration with UNESCO Bioethics Chair, University of Haifa has played an important role in spreading bioethics practice amongst the staff and students. In addition to this Bioethics related activities such as Organ donation, Blood donation and Body

donation awareness campaigns are organized with active student participation. An insight developed through these activities make the students more conscious about their rights and duties towards their fellow countrymen. For progression of universal values like Unity, Truth, Righteousness, Conduct, Love, Non-Violence and Peace the constituent units organize guest lectures and yoga sessions.

Voter's awareness campaign: DPU has considerable number of young student population who are eligible as first-time voters. Considering this voter awareness campaign is organized as part of NSS activities. This awareness campaign has helped in sensitizing the students towards fulfilling their constitutional obligations.

File Description	Documents
Details of activities that inculcate values necessary to render students to be responsible citizens	https://naac.dpu.edu.in/Supplementary/AQAR University202021/7-1-9_2879.pdf
Any other relevant information	https://naac.dpu.edu.in/Supplementary/AQAR University202021/7-1-9_2879.pdf

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organized professional ethics programmes for students, teachers, administrators and other staff during the year Annual awareness programmes on Code of Conduct were organized during the year	A. All of the Above

File Description	Documents
Weblink of the code of conduct	https://dpu.edu.in/code-of-conducts.aspx
Details of the monitoring committee of the code of conduct	View File
Details of Programs on professional ethics and awareness programs organized during the year	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

DPU organizes several events to mark important National and International Commemorative Days. These events help to inculcate spirit of nationalism and international brotherhood amongst the students and infuse them with a sense of responsibility towards society, nation, and the world at large.

Some of the important commemorative days celebrated include:

- Republic Day and Independence Day is celebrated annually by DPU Family at Vidyapeeth Campus. Various cultural activities are performed as a tribute to India, its unity, diversity, and rich cultural heritage. This helps in inculcating national pride as an Indian citizen
- World Health Day is observed on 7th April on the theme of the World Health Organization. Activities like Seminars, Health awareness camps, Guest Lectures, Street Plays are organized to commemorate the day.
- World AID's Day is celebrated on 1st December every year with active participation of students and staff. Activities like rallies and street plays are organized to create awareness about AIDS amongst the public
- International Yoga Day is celebrated with staff, students and citizens participating actively in Yoga sessions. Seminars and Guest lectures are organized on the benefits of Yoga. DPU is taking active efforts to popularize yoga among school children and masses
- International Women's Day is celebrated on 8th March.

Renowned women personalities are invited for felicitation and sharing their experiences to inspire DPU family members. Women empowerment programs are organized on this occasion.

- Teacher's Day Celebration: September 5th has been celebrated as Teacher's Day. On this occasion outstanding teachers are felicitated with awards such as "DPU Research Award", "Dr. P. D. Patil Young Researcher Award", "Innovative Teaching Award", "Consistent Performance Award" and "Ideal Teacher Award". The class topper students are rewarded by giving appreciation certificates and cash prizes.

Several important health related days like World Cancer Day, World Disabled Day, World TB Day, World Alzheimer's Day, World Heart Day, World Diabetes Day and World Ayurveda Day are being organized annually. On these days several events like seminars, exhibitions and street plays are organized to sensitize the students and society.

File Description	Documents
Annual report of the celebrations and commemorative events for the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution during the year as per NAAC format provided in the Manual

Best Practice 1

TITLE: 4TH GENERATION DA VINCI ROBOT FOR ROBOTIC SURGERY

1. Objective

Robotic surgery is a minimally invasive surgery that has dramatically changed the experience of surgery for patients. At DPU the fourth generation, da Vinci surgical system is in use that has enhanced cameras for 3D visualization and surgeon-controlled robotic arms for precise movements. It allows surgeons to operate on tissues and organs as in open surgery, but through a few small incisions. Robotic surgery facility at DPU provides exposure to postgraduate students in latest surgical technologies. Availability of such advanced technologies has enabled the patients of India to reduce travelling expenditure and hospitalization cost by going abroad.

2. Context

India's first robotic-assisted surgical procedure took place at Delhi in 2002. Dr. Tejas Patel, A cardiac surgeon, with the help of advanced robotics, conducted the world's first telerobotic surgery on a middle-aged woman with blocked artery while sitting 32 kilometres away from the patient. This was the world's first heart surgery from a remote location which was done in India in the year 2018. Currently 500 robotic surgeons have started practicing this type of surgery at government and private healthcare facilities in India. Benefits of this procedure enables shorter post-surgery recovery period, relatively less pain and less blood loss in robotic assisted surgeries. Hence robotic surgery is preferred over open and laparoscopic surgeries. As a result of this robotic surgeries allows the surgeons to perform complex as well as routine procedures through small incisions like traditional laparoscopy.

At Dr. D. Y. Patil Vidyapeeth Medical College, Hospital & Research Centre, has always been at the forefront in advancement in medical technology. At the Centre of excellence for Robotic Surgery, we are changing the way surgeons treat patients. DPU believes in providing exemplary healthcare that translates into better healing, lesser pain, smaller incisions, and reduced hospitalization. The number of procedures performed in any facility is an indicator of expertise and level of quality, which speaks volumes about the institution. For over two decades, surgeons at DPU have led the way towards better healthcare with minimally invasive procedures. As a natural progression towards excellence, the Centre for Robotic Surgery has been established. The services are provided across multiple specialities which cohesively enhance patient outcome. Thus, DPU continues to be the

leader in surgical care, offering an extensive panel of surgeons along with trained staff and nurses who are a part of the dedicated robotic surgical team. The Centre of Excellence for Robotic surgery at DPU offers a faster, less painful surgical option so that life can be led to the fullest.

3. The Practice

Dr. D. Y. Patil Medical College, Hospital & Research Centre, Pimpri, Pune conducted the first robotic surgery on 25th June 2018 in Pimpri Chinchwad Municipal Corporation area on a newly installed latest model of the 4th generation, da Vinci Robot, manufactured by Intusive Technologies, CA, USA. A second console for training young surgeons is also provided in addition to the main console of the robotic surgeon. This machine is one of the 4th generation latest models of medical robot. DPU has one out of 3 such machines installed in the state of Maharashtra, only a few more are available all over India. At other places, 3rd generation models are in use. The cost of the machine purchased at DPU is about Rs.25 Crores.

Considering the example of conventional prostate surgery, patients stays in the hospital for 7 to 9 days post-operatively, but post-robotic surgery patient is fit for discharge by 5th day. There is gross reduction in the post-operative pain as evidenced by lower Visual Analogue Score (VAS scores) in patients who undergo robotic surgery. Also, the requirement of narcotic analgesics was significantly reduced. The average length of stay (ALOS) was 5 days and the patient returns to his daily activity much earlier thereby reducing loss of man hours and financial burden on the patients. As the surgery is undertaken via small 1 cm ports (4/5 no's) there is very little postoperative scarring as compared to conventional surgical incisions.

4. Evidence of success

Da Vinci Robot IV Generation with four arms and dual console is only one of its kind among all Medical Colleges in Maharashtra, installed in at DPU in 2018. Since then, there are 52 Robotic surgeries performed at our hospital. These include:

- Radical Prostatectomy
- Radical Hysterectomy
- Ca Bladder surgeries like cystectomy with ileal conduit.

- ○ Robotic assisted tubal recanalization.
- ○ Robotic cholecystectomy.
- ○ Robotic radical nephrectomy.

5. Problems encountered and resources required

1. Robotic surgery is significantly costlier than conventional laparoscopic procedure/open surgery.
2. Insurance companies as of now do not finance robotic surgeries.
3. There is lack of patient awareness regarding advantages of robotic surgery.
4. Equipment of robotic surgery are expensive to the tune of 22 crores.
5. Comprehensive maintenance cost (CMC) is about 95 lakhs/year.
6. Consumables used in robotic surgery are also expensive.
7. Space requirement for surgical robot is much more and bigger operation theatres are required.
8. Training and expertise are required by the surgeon which is also expensive.

BEST PRACTICE 2

TITLE: ORGAN TRANSPLANTATION INITIATIVES AT DPU MEDICAL HOSPITAL

1. Objective:

Organ Donation is retrieving donor's organs like heart, liver, kidneys, intestines, lungs and pancreas, after death or from brain-dead individuals for the purpose oftransplanting them into another person who needs an organ. It aids in saving the life of terminally ailing patients. DPU being an advanced tertiary health care centre with sophisticated and advanced surgical facilities, instrumentation and procedures, trains PG students from Medical, Surgical and Nursing specialities in human transplantation surgery, treatment, rehabilitation & follow up. The program also endeavours to create awareness about organ transplant and cadaveric organ transplant among donors. Thus, DPU also supports national programmes such as control of blindness.

2. Context:

DPU through its organ donation initiative aims to significantly reduce the mortality rate among patients with major organ failure. With the availability of good number of donors creating awareness about organ donation from live as well as brain dead/cadavers the bridge between the demand and supply of organs can be reduced. With our state of art organ transplant facility, the objective is to save lives, improve transplantation outcomes and reduce recipients waiting time. It also increases opportunities for patients without living donors to receive organs from deceased donors. Training of superspecialists as well as postgraduate students in organ transplantation is the need of the hour, that is being partly fulfilled through this initiative.

3. Practice:

DPU has a state of art modular OTs with Da Vinci Robotic Surgical System. This supports organ transplant facility in various departments such as CVTS, Cardiology, Nephrology, Urology, Gastroenterology and Ophthalmology. Internationally qualified superspecialists are available to conduct these procedures. The support system required for the organ transplant surgeries such as critical support services, ICUs, nursing staff and other state of the art support facilities are available at DPU with well-trained manpower.

4. Evidence of success

A great variety of organ transplant procedures have been conducted in DPU for the last several years. The transplants include renal, liver, cornea, and heart. The statistical data for the same is given as follows:

Organ Transplant data:

Sr.No.

Evidence of Success

Total no of Transplants

Live

Cadaveric

1.

Renal

116

92

24

2.

Liver

30

2

28

3.

Corneal

35

-

35

4.

Heart

01

-

01

Total no of Transplants

The organs received are not only utilized at DPU hospital but have also been sent to other hospitals through provision of green corridor for the use of needy patients. The details are as follows:

Utilization of Donated Organs:

Sr.

No.

Evidence of Success

Total no of organs received

Utilized in DPU Patient

Sent to other hospitals

1.

Renal

131

116

15

2.

Liver

32

30

2

3.

Corneal

80

35

47

4.

Heart

05

01

04

The success rate of the various transplant surgeries as depicted above results in DPU medical hospital being a high priority destination for health care.

DPU conducts every year several awareness workshops about the importance of organ donation through several NSS activities. Some of the activities related to voluntary body and organ donation are as follows:

- Body donation pledge forms filled – 1907
- Organ donation pledged – 618
- Bodies donated after awareness campaign – 51
- Corneal donations – 37
- PhD completed - 1

The conduct of these awareness camps has resulted in donation of several organs by the relatives of patients and the summary of the same is given as follows:

Total statistics of organ transplantation & donation

Total BSD declaration from 2018 to till date

51

Total BSD converted into organ donation from 2018 to till date

33

Total organ donation declined due to medical reason

9

Cadaveric organ donation till date

24

Number of organs utilized till date

77

In-house organ utilization

44

Organ shared with various hospitals through ZTCC, Pune

24

Organ Received from various hospitals through ZTCC, Pune

9

5. Problems encountered and recourses required

The major problems encountered in this endeavour is creating awareness and sensitization of the community towards organ donation. These challenges have been overcome to a large extent with the help of various NGO's.

The other critical challenge is management of brain-dead patients who are potential cadaveric donors. Meticulous attention to hemodynamic and hormonal changes with goal directed intensivist management can have a profound impact on organ eligibility and retrieval rates.

File Description	Documents
Best practices in the Institutional web site	https://dpu.edu.in/Docs/Best-Practice-and-Distinctiveness/Best-Practice-1.pdf
Any other relevant information	https://dpu.edu.in/Docs/Best-Practice-and-Distinctiveness/Best-Practice-2.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution during the year in one area distinctive to its priority and thrust within 100 - 200 words

INSTITUTIONAL DISTINCTIVENESS

DPU has undertaken several initiatives, some of which can be considered as distinctive features. These include:

- DPU as a solar powered campus
- DPU IVF & Endoscopy Centre
- Multi organ transplant facility
- Ultra-modern DPU Learning Resource Centre
- Provision of Seed money for research
- In-house development of ERP and HMIS
- 4th Generation Da Vinci Robot for Robotic surgery
- DPU Merit Scholarship scheme for students

Although it is not possible to give detailed account of all these distinctive features, the key area of priority and thrust for DPU is the development of Invitro Fertilization and Endoscopy Centre which is described in detail:

DPU INVITRO FERTILIZATION AND ENDOSCOPY CENTRE

INTRODUCTION:

DPU Invitro Fertilization and Endoscopy Center is a state-of-the-art facility with a unique approach which is spearheaded by Medical Director and Chief with vast experience and excellence in the field of Assisted Reproductive Techniques (ART), is poised to bring to life and create miracles in the DPU IVF and Endoscopy Center.

RATIONAL FOR THE ACTIVITY:

The facility provides exceptional, personalized reproductive and fertility health care to the patients. The facility follows a

three-step approach that is affordable IVF treatment, highly trained gynecologists in IVF with extensive research and development. The advanced facility is designed to ensure maximum safety and minimal stress to the patients during treatment. The proficient team of experts guides the couples from the initial stage when they first arrive at the Centre and advises them to choose the right options. The patient is also educated regarding the various treatment options available and its cost-effectiveness. The quality of the treatment provided at the DPU IVF and Endoscopy Center is on par with the best IVF Centers across the world. While utilizing the latest advances in medicine combined with state-of-the-art techniques, the goal is to treat the patients with comfort and compassion. Regardless of the patient's situation, the infertility expert at DPU work closely to develop a personalized fertility treatment plan. As a leading destination for fertility treatments, DPU IVF & Endoscopy Center offers hope to patients around the world. At the Center, the patient's dreams are taken seriously, and the team is dedicated to fulfilling and realizing them.

OUTCOMES ACHIEVED:

At the DPU IVF & Endoscopy Center, we strive to provide the best fertility care from maintaining the highest medical, scientific, academic standards and supporting them through every stage of their journey to parenthood. The center is spread over the 7th floor of the luxurious DPU Hi-Tech Hospital Building. We have a string of private rooms tastefully designed and an ultra-modern Labor Rooms catering to high-risk obstetrics patients who are conceiving after fertility treatment. The Centre has two in built futuristic OT complexes one is dedicated to Assisted Reproduction Procedures and the other to Endoscopic OT with 3D Laparoscopic operating system.

The most important feature of the Center is that we custom design our fertility treatments to the individual's needs. The Center offers the best possible chance of pregnancy and parenthood a couple can have. We achieve this through our ultra-modern technology in the IVF Lab, which is first of its kind in Pune. We achieve this by using Time Lapse Imaging for best Embryo selection. The other advanced technologies that have been incorporated are assisted hatching of Blastocyst to maximize implantation, no touch closed intracytoplasmic sperm injection (ICSI) chamber and Spindle imaging technology for maximum chances

of fertilization.

On 25th July 2021 we opened our doors on a mission to provide comprehensive, affordable, and high-quality fertility care to our patients. Till date we have successfully treated more than 2000 patients with infertility out of which 800 patients have undergone IVF treatment. We strongly believe in delivering the highest quality fertility care at every level. High tech procedures such as Intracytoplasmic morphologically selected sperm injection (IMSI),genetic testing, Embryoscope and frozen embryo transfer (FET) are used which reflects in our high success rates of about 80% fertilization rate and > 35 % implantation rate. For patients DPU-IVF and Endoscopy center is one stop destination for all fertility related issues. We handle hundreds of the most challenging cases of infertility making us particularly well trained to help patients achieve their dreams.

We continuously invest in our medical technology and our people. At DPU IVF, fertility treatment is led by a team of experts with a collective experience of 100 plus years. Our team includes faculty who have worked at world-renowned medical schools, with international exposure towards improving fertility treatment outcomes and have developed new medication protocols focusing on modulating the immune system for repetitive IVF implantation failures, recurrent pregnancy loss and boosting sperm, egg, embryo, and uterine quality.

Our team invests in training and bringing out proficient leaders in the field of IVF and Endoscopy. Two conferences have been organized by DPU-IVF in the year 2021. Our most recent achievements are a three-day hybrid initiative which included direct relay of over sixty surgeries by sixty-eight experts on a virtual platform. The same was also being relayed for surgeons present at the DY Patil Vidyapeeth Auditorium physically. The most striking feature of this academic meeting was that surgeries were being done free of cost. The conference also included keynote addresses, panel discussions and technical sessions.

CONCLUDING REMARKS:

We have overcome obstacles of quality treatment by being available for all and continue to strive for a better future of fertility medicine. In future we have plans of expanding our department in fetal medicine and high-risk obstetrics to provide

a more wholesome experience for the patient.

File Description	Documents
Appropriate web in the Institutional website	https://dpu.edu.in/Docs/Best-Practice-and-Distinctiveness/Distinctiveness.pdf
Any other relevant information	https://cdn.dpuerp.in/ShowResources?ID=71500011

7.3.2 - Future Plans of action for next academic year (100 - 200 words)

FUTURE PLANS

1. To workout feasibility of participating in International Times Higher Education (THE) and QS World University Ranking.
2. To start additional super specialty programmes and PG programmes in emerging disciplines.
3. To start new programs of UG (B.Des, B.Sc)and PG (M.Des, M.Sc) inDesign. B.Tech Computer Science and Design, B.Tech in Artificial Intelligence and Data Science. Under the online programs B.A, B.Com and M.A, M.Com and BCA.
4. Implementation of National Education Policy and move towards Multi faculty University and use Academic Bank of Credits
5. Efforts towards achieving higher rank in NIRF
6. To set up Agar-Waste recycling plant supported by DST and DPU
7. To enhance professional development of faculty and students including innovation culture by inviting eminent researchers, patent experts and industry experts in cutting edge areas.
8. To implement and Collaborate with Foreign Institutes for Clinical Research, interdisciplinary research, and academic activities as per MoUs and explore extramural funding opportunities
9. To start certificate course in various specialties like Pharmacovigilance & Drug Proving Centre Under CCRH
10. Enhancementof Skill Laboratories and virtual labs
11. Engagements with More Fortune 500 companies for Students Placements

12. To help Establishment of Lactation Management Units (LMUs), International Board-Certified Lactation Consultant (IBCLC), Lactation Consultant and counselling Course

13. Breast Feeding & Human Milk Banking-Stem Cells research