SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

SHRI MATA VAISHNO DEVI UNIVERSITY

SMVDU CAMPUS KAKRYAL SUB POST OFFICE KATRA DISTRICT REASI 182320 www.smvdu.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Shri Mata Vaishno Devi University (SMVDU) has been established under THE JAMMU AND KASHMIR SHRI MATA VAISHNO DEVI UNIVERSITY ACT, 1999, an Act of the J&K State Legislature (ACT No. XII of 1999 dated 12th May 1999) as an autonomous, highly Technical & fully Residential University. The University started functioning as an academic unit in Aug 2004 when it was inaugurated on 19th August 2004 at the hands of the then Hon'ble President of India Dr. A.P.J Abdul Kalam.

The University is approved by <u>UGC</u> under Section 2(F) & Section 12(B) of UGC Act of 1956. The technical programs of the University are recognized by <u>AICTE</u> while Architecture program is recognized by <u>Council of Architecture</u>.

The University receives funding from <u>Shri Mata Vaishno Devi Shrine Board</u>, an autonomous Board set up under the provisions of The J&K Shri Mata Vaishno Devi Shrine Act, 1986 of J&K State Legislature. The University also gets funds from the J&K State government and also obtained funds from UGC in XIth & XIIth Plan.

University is ranked 94 among the Top 100 Institutions in the country and mong Top 150 universities in the country as per NIRF 2018. University is also selected as part of World Bank assisted TEQIP-III Scheme of MHRD.

Hon'ble Governor of the J&K State is the Chancellor of the University and its executive council includes luminaries like Prof. K.L. Chopra (Former Director IIT Kharagpur), Prof. Goverdhan Mehta (Former Director IISc. Bangalore), Sh, R.P. Agarwal, IAS (Former Secretary MHRD).

Vision

Establishment of a Scientific & Technical University of Excellence to nurture young talented human resource for the service of Indian Society & World at large preserving the integrity and sanctity of human values.

Mission

The Mission of SMVD University is the pursuit of Education, Scholarship and Research and its application to the Society at highest International levels of excellence.

The objectives of the University are:

- 1. To provide education and training of excellent quality both at UG & PG levels.
- 2. To ensure that the University achieves and maintains an international standing in both teaching and research.
- 3. To promote study and research in new and emerging areas and encourage academic interaction of the faculty and students at national and international levels.

4. To encourage close collaboration with industry and facilitate the application of research for commercial use and for the benefit of society.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. Greatest strength of SMVDU is the blessings of Mata Vaishno Devi as reflected through positivity in attitude of it's employees & students.

2. Updated and frequently reviewed curricula in all programs, this being possible due to unitary character of the university.

3. Merit based, rigorous admission system for all programs, with selection on national basis, thus leading to good quality intake. Admission through JEE/CSAB since 2004.

4. Only fully residential University in J&K, offering un-paralleled educational and life experience to the students.

5. Significant geographical and cultural diversity among faculty and students, a unique phenomenon in J&K, leading to more tolerant, humane and productive professionals.

6. Continuous, committed and unconditional financial support from the Shrine Board under the visionary leadership of the eminent Chancellor.

7. University has had an early start in research activities and establishment of research infrastructure in certain areas including Electronics, Genetics, Computer Sc. & Bio-informatics.

8. University has largest pool of faculty members having Ph.D. in the various disciplines of Engineering, as compared to any other institution in J&K and neighboring regions.

9. Excellent infrastructure in place for academics and campus life.

10. Only institution in J&K to have the DST sponsored Technology & Business Incubation Centre (TBIC) thus promoting innovation, start-ups and Entrepreneurship.

11. Merit based Scholarships for high rankers in Exams like CAT/MAT/CMAT/JEE Mains, as well as in each semester

12. High standards of academics with mandatory publication requirement for award of MBA, M.Tech. & publication in SCI indexed journals for Ph.D.

Institutional Weakness

1. Geo-political disturbance in the state of J&K acts as a deterrent for attracting students and faculty

members from outside the state.

2. The location of the university in a comparatively rural setting at times acts as a deterrent for students from larger cities/towns from across the country, even though connectivity is quite reasonable. This works to the disadvantage of the university in the sense that the industry and large corporate are not easily accessible.

3. Lack of senior faculty in many departments of the University, although every effort is being made to address the issue.

Institutional Opportunity

1. Having an early start in technical fields, the university can move faster to accommodate and upgrade to newer programs which other institutions are not in a position to embark upon.

2. Due to the unconditional financial assistance of the Shrine Board it is possible for the University to look at those areas of research and higher education which are resource and infrastructure intensive. Decision making at the highest levels at the University is also quite prompt.

3. SMVDU is recognized among Top 100 Engineering Institutions and Top 150 Universities in India by NIRF 2018; thus opportunity exists to improve upon ranking to be among Top 30 Institutions

4. Even though the University is a decade old, however in terms of time frames in which institutions are built, SMVDU is still in its infancy and therefore the opportunity exists to make major changes in the way it is to progress and make a niche for itself.

5. SMVDU is among the handful of institutions selected for the World Bank Assisted TEQIP-III Scheme of MHRD thus providing an opportunity to enhance the quality of academics and placement while providing national recognition.

Institutional Challenge

1. Continuous and sustained efforts and strategies to maintain and uplift the academic and research standards

2. Strengthening of Industry-Academia partnerships to provide opportunities for internship, consultancy, research and placement.

3. Enhancing awareness about the university among all parts of the country to further enhance the diversity and quality of intake

4. Creating the eco-system for rapidly enhancing the number of Sponsored Research Projects acquired by the faculty members

5. Creating the eco-system for rapidly enhancing creation of Intellectual Property and obtaining of patents.

6. Providing all necessary support to faculty members to improve upon research standards resulting in international publications with high impact factor and citation index.

7. Attract and retain senior faculty members in each school, from across the country

8. To motivate and attract international students and students from other states to seek admissions in the University.

9. Ensuring wide exposure to the faculty and students by undertaking field visits and ensuring frequent visits of luminaries from academics and industry.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

SMVD University has adopted Choice Based Credit system (CBCS) since its inception in 2004 which over time has seen modifications and updates to enhance flexibility of choice to the students including School & Open Electives, Value Enhancement Courses besides core courses. Feedback from various stakeholders including Experts from academia and industry, prospective employers, alumni is taken to frequently improve upon and change the curricula which undergoes 4 level of rigorous scrutiny in the Academic Affairs Committees/Board of Studies, Board of Academics, Research & Consultancy & experts in Academic Council and the executive Council. This ensures an updated and relevant curricula supporting students to prepare for their future in Profession, higher education or entrepreneurial ventures as is evident in large number of alumni admitted to quality higher education institutions in India &Abroad, serving productively in their chosen areas of work in Corporate, Public Sector, Civil Services and those having established start-ups. The last update in curricula has been implemented in May 2018 in view of Model Curriculum and Guidelines issued by AICTE with emphasis on '**Problem Based Learning**' and '**Learning by Doing**'. MOOCs based credit courses have been adopted since 2015.

Outcome Based Education and Learning has been implemented since Session 2017-18. Vision and Mission has been set by each school and Program Educational Objectives (**PEO**s), Program Outcomes (**PO**s) and Course Outcomes (**CO**s) have been formulated.

Value added courses offered by the University include courses in foreign languages, NSS, Ethics, Human Rights, Environment, Constitution, Management, Language laboratory, Finance etc.

Teaching-learning and Evaluation

University provides course outlines and course schedules prior to the commencement of the academic session enable the students to develop understanding about the contents and objectives of the course. This is done by circulating the Slot based Time Table among all the students to enable them to register for the elective courses of their choice. The university also provide a Course of Study details to each student which has all the details of the Course schedules and other academic details.

The Students are able to apply the knowledge gained through the course of study in Problem Analysis, Solving Engineering Problems & Design and Development spread over multiple disciplines. Students are able to use Modern Tools to conduct and investigate the complex problems without being limited to tools from their own field of work. Enhenced learning experienc is acheived also by following;

- 1. Group Based Assignments, Projects, Models, Case Studies, Field Assignments & tutorials are held to improve participatory learning by the students.
- 2. Encouraging Participation in seminars/workshops at state/national level.
- 3. Encouraging paper presentation in national/international level.
- 4. Arranging Field/Industrial visits for the students both local and outside the state.
- 5. Facilitating Industry internship through Placement cell.
- 6. Students are encouraged to participate in extra-curricular and extension activities.

SMVD University also encourages blended learning by using e-learning resources such as e-journals, emagazines, online lecture, on-line lecture videos, lectures of experts using national knowledge network, usage of resources from NPTEL, e-books etc.

Research, Innovations and Extension

Each School has clearly established the focus research areas and the faculty members and students work towards goals within these focus areas. The research facilities are augmented accordingly. The Ph.D. students are admitted through a rigorous process as defined by UGC while the standards for acceptance of a thesis have been established with a bar higher than that prescribed by UGC with mandatory publication requirement in SCI Indexed Journals / IEEE / Harvard Business Review. Faculty members have published in eminent journals including Physics Letters, Nature, IEEE Transactions etc. with large citation.

DST Sponsored SMVDU Technology Business Incubation Centre nurtures culture of innovation and entrepreneurship. 15 Start-ups including 08 of students from the university are already functional. Thrust areas include Biotechnology, Engineering, Alternative Energy Management) and Business Development.

Extension activities are conducted by the faculty and students in a planned manner. Students actively participate in activities (like *Vikalp*, Swatch Bharat Abhiyaan) initiated under Institute Social Responsibility (**ISR**) mission. Under *Vikalp* program, the school going kids of the neighbouring community visit the university every evening and area mentored by the faculty and student volunteers. Five nearby villages have been adopted by SMVDU under *Unnat Bharat Abhiyaan* (**UBA**) and students' participation is encouraged in order to help these villages for exchange of knowledge and for the overall social/economic betterment of the village communities. More than 13 Camps of the DST sponsored INSPIRE program have been conducted by the university benefiting more than 4200 students in Jammu, Kashmir and Ladakh regions.

Infrastructure and Learning Resources

Apart from regular classrooms euipeed with ICT equipments / facility available with every school, University has 4 Lecture Theaters (150 capacity each) with audio-visual and projection facilities and they are also used as e-learning centers so as to provide good teaching-learning environment. One boys' hostel in under construction

and university is also planning to raise one more girls' hostel keeping in view the increasing intake of female students in various academic programs. Keeping in view the residential requirements for faculty, the university has also recently constructed a flat system of 24 flats with 3 bhk each.

The University has setup specialized state of the art laboratories such as Mass Array Lab, Molecular Biology Lab, Microbiology lab and Plant tissue culture lab have been setup in the School of Biotechnology. A Centre for Embedded Instrumentation and Network control has been set up in School of Electronics & Communication Engineering. A Technology Based Incubation Centre is has been setup by the University. A Nano-Technology Cell has been setup by the School of Physics. Uninterrupted Internet services have been provided in SMVDU campus from 1 Gbps Internet leased line link. With the endeavor of Network Centre team, SMVDU is now a part of NKN (National Knowledge Network) connecting all Universities in India including IIT, IISc, NIT, etc. The researchers are provided with accommodation in Hostels, they are given access to research labs, library facilities, internet facilities and guidance from any of the faculty members in the emerging disciplines.

Student Support and Progression

Office of Dean of student welfare keeps track of the welfare of all students and the amenities and facilities in hostels

2. Faculty mentors keep track of progress of student and advise them on career plan.

3. Equal opportunity Cell ensures a close watch on interests of the students from disadvantaged groups

4. Book bank facility and free and continuous access to internet along with telephone facilities in hostels

5. Student Affairs Council, created and managed by student representatives, governs all activities including Hostels, Food, Sports, Professional activities, Internet, Library, Sports, Cultural activities, Student Festivals

6. Quality circles in Schools and all other sections, open to participation by students

7. Scholarships for meritorious students based on semester performance and for economically weak students

8. Financial Assistance to students for presenting research papers at conference and participation in Sports, Cultural and Academic activities in other institutions across the country. Some funding has also been made for foreign internships of students.

9. Grievance Redressal Committee for the purpose of ensuring transparency and addressing the students issues in all spheres

10. Medical facilities (IPD & OPD) in-house besides access to super specialty hospital

11. Coaching classes by internal and external experts for grooming and polishing of students to improve their life-skills and placement probability

12. Campus Placement, Summer Internship & Semester Internship opportunities made available for students

13. Remedial classes for academically weak students besides communication skill classes for students from

non-English background

14. Facilities for Physically challenged / differently-abled students.

Governance, Leadership and Management

The university started its first Academic Session in 2004-05 with two programs, 53 students, 03 faculty members, one academic building and a small staff who started functioning from make-shift offices, in the remote location of Kakryal. Inauguration of the university at the hands of the then Hon'ble President of India Dr. A.P.J Abdul Kalam, who also delivered the first lecture to the students, was an inspiring event for the university.

a. In a short span of 14 years, the university has more than 1600 students on its rolls, 115 faculty members with an alumni strength of 3500+ who are contributing to the growth of the society and the country. It is now ranked among the Top 100 Engineering Institutions and among Top 150 Universities in the country as per NIRF 2018, MHRD, Govt. of India, and is also included in Times World University Ranking List.

b. The university currently has more than 200 Ph.D. students on its rolls and attracts students from 23 states of the country while attracting faculty members from 13 states of the country.

c. The university today is a full-fledged township with 1.84 Lak Sqm of constructed area with more than 2500 people staying on the campus.

d. The university has functional MoUs with Institutions of eminence in India & abroad

e. All this has been possible due to the excellent governance model and the quality of visionary leadership of the university.

Institutional Values and Best Practices

SMVDU focuses on the moral and ethical development of all students and expects ethical behaviour from all stakeholders. The defined set of institutional values are:

- Academic integrity and accountability.
- Respect and tolerance for the views of every individual.
- Attention to issues of national relevance as well as of global concern.
- Appreciation of intellectual excellence and creativity.

Over period of time many initiatives have been taken and the following three can be classified as Best practices:

1. Professional Development Assistance (PDA)

Professional Development Assistance (PDA) provides a mechanism for professional academic development of

faculty members by providing financial assistance of Rs. 2.10 Lakhs for research paper presentations or chairing sessions in National / International conferences, membership fee of Professional bodies, buying research equipment, software or books. This has resulted in steep rise in representation of faculty at international and national events.

2. Students Merit-cum-Means Scholarship Program

This scheme recognizes merit of the students at all levels and provides scholarships ranging up to 5 semesters of free education. Under this scheme, in the last 5 years, Rs. 1.68 Crore has been disbursed as scholarship while the number of high rankers has increased by 300% in the last five years.

3. Summer Semester

An abridged semester is scheduled in the two months of summer break which ensures the continuation of academic activity during the vacation period and an opportunity for students to earn additional credits, clear backlogs and complete their degree. 117 students were able to complete their degree in time.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the University				
Name	SHRI MATA VAISHNO DEVI UNIVERSITY			
Address	SMVDU Campus Kakryal Sub Post Office Katra District Reasi			
City	Kakryal District Reasi			
State	Jammu And Kashmir			
Pin	182320			
Website	www.smvdu.ac.in			

Contacts for Communication								
Designation	Name	Telephone with STD Code	Mobile	Fax	Email			
IQAC Coordinator	Rajeev Garg	01991-285524	9419932506	01991-28568 7	rajeev.garg@smvd u.ac.in			
Vice Chancellor	Sanjeev Jain	01991-285686	9971009798	01991-28557 3	registrar@smvdu.a c.in			

Nature of University	
Nature of University	State University

Type of University

Type of University	Unitary
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Establishment Details	
Establishment Date of the University	20-05-2004
Status Prior to Establishment, If applicable	

Recognition Details								
Date of Recognition as a University by UGC or Any Other National Agency :								
Under Section	Date	View Document						
2f of UGC	20-05-2004	View Document						
12B of UGC	22-06-2009	View Document						

University with Potential for Excellence	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

Location,	Area and A	ctivity of Ca	ampus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.	Program mes Offered	Date of Establishment	Date of Recognition by UGC/MHRD
Main campus	SMVD U Campus Kakryal Sub Post Office Katra District Reasi	Rural	369.6	183624	UG PG and PhD		
Institutes	Smvd College Of Nursing Kakryal Katra	Rural	55.4	4782	B Sc Nursing	18-03-2016	19-07-2017

2.2 ACADEMIC INFORMATION

Affiliated Institutions to the University

Type of Coneges Permanent Temporary Total	Type of Colleges	Permanent		Total
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Furnish the Details of Colleges of University

Type Of Colleges	Numbers
Constituent Colleges	0
Affiliated Colleges	0
Colleges Under 2(f)	0
Colleges Under 2(f) and 12B	0
NAAC Accredited Colleges	0
Colleges with Potential for Excellence(UGC)	0
Autonomous Colleges	0
Colleges with Postgraduate Departments	0
Colleges with Research Departments	0
University Recognized Research Institutes/Centers	0

Is the University Offering a Regulatory Authority (SRA	: Yes	
SRA program	Document	
INC	<u>101596 1738 7.pdf</u>	
СОА	<u>101596_1738_18.pdf</u>	
AICTE	<u>101596_1738_1.PDF</u>	

Details Of Teaching & Non-Teaching Staff Of University

Teaching Faculty												
	Professor				Asso	ciate Pr	ofessor		Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned				25		1		39		1		116
Recruited	9	0	0	9	12	2	0	14	77	21	0	98
Yet to Recruit				16				25		1		18
On Contract	0	0	0	0	0	0	0	0	0	0	0	0

Non-Teaching Staff							
	Male	Female	Others	Total			
Sanctioned				168			
Recruited	96	24	0	120			
Yet to Recruit				48			
On Contract	21	7	0	28			

Technical Staff							
	Male	Female	Others	Total			
Sanctioned				71			
Recruited	37	6	0	43			
Yet to Recruit				28			
On Contract	1	0	0	1			

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualificatio n	Professor				Assistant Professor					
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	1	0	0	0	0	0	0	0	0	1
Ph.D.	8	0	0	11	2	0	47	16	0	84
M.Phil.	0	0	0	0	0	0	1	0	0	1
PG	0	0	0	1	0	0	30	4	0	35

	Temporary Teachers									
Highest Qualificatio n	Professor				Assistant Professor					
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	2	2	0	4
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	1	1	0	2

Part Time Teachers										
Highest Qualificatio n	Professor				Assistant Professor					
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Distinguished Academicians Appointed As

	Male	Female	Others	Total
Emeritus Professor	0	0	0	0
Adjunct Professor	34	3	0	37
Visiting Professor	3	2	0	5

Chairs Instituted by the University

Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	Electronics and Communication Engineering	Bharti Ariyaa Chair Wireless Communication	Bharti Airtel Limited
2	Architecture and Landscape Design	Professor Design Chair	SMVDU

Provide the Following Details of Students Enrolled in the University During the Current Academic Year

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
Doctoral (Ph.D)	Male	60	27	0	0	87
	Female	96	6	0	0	102
	Others	0	0	0	0	0
UG	Male	266	280	1	0	547
	Female	142	71	0	0	213
	Others	0	0	0	0	0
PG	Male	212	1	0	0	213
	Female	311	4	0	0	315
	Others	0	0	0	0	0

Does the University offer any Integrated Programmes?	Yes
Total Number of Integrated Programme	0

Integrated Programme	From the State where university is located	From other States of India	NRI students	Foreign Students	Total
Male	58	1	0	0	59
Female	139	0	0	0	139
Others	0	0	0	0	0

Year of Establishment	03-03-2016
Number of UGC Orientation Programmes	0
Number of UGC Refresher Course	0
Number of University's own Programmes	9
Total Number of Programmes Conducted (last five years)	9

Details of UGC Human Resource Development Centre, If applicable

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Architecture And Landscape Design	View Document
Biotechnology	View Document
Business	View Document
Computer Science Engineering	View Document
Economics	View Document
Electronics And Communication Engineering	View Document
Energy Management	View Document
Languages And Literature	View Document
Mathematics	View Document
Mechanical Engineering	View Document
Philosophy And Culture	View Document
Physics	View Document

3. Extended Profile

3.1 Program

Number of programs offered year-wise for last five years

2017-18	2016-17	2015-16		2014-15	2013-14
15	17	16		16	15
File Description			Docur	nent	
Institutional Data in Prescribed Format		View	Document		

Number of departments offering academic programes

Response: 12

3.2 Students

Number of students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1675	1628	1529	1498	1399

Number of outgoing / final year students year-wise during the last five years

2017-18	2016-17	2015-16		2014-15	2013-14
454	441	423		394	415
File Description			Document		
Institutional Data in Prescribed Format		View Document			

Number of students appeared in the examination conducted by the Institution, year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1436	1476	1396	1384	1330

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of revaluation applications year-wise during the last 5 years

2017-18	2016-17	2015-16	2014-15	2013-14
9	10	7	8	6

3.3 Teachers

Number of courses in all programs year-wise during the last five years

2017-18	2016-17	2015-16		2014-15	2013-14
567	634	607		592	529
File Description			Docum	nent	
Institutional Data in Prescribed Format			View]	Document	

Number of full time teachers year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
121	110	107	109	96

Number of sanctioned posts year-wise during the last five years

2017-18	2016-17	2015-16		2014-15	2013-14
180	174	174		184	184
File Description			Docum	nent	
Institutional Data in Prescribed Format			View	Document	

3.4 Institution

Number of eligible applications received for admissions to all the programs year-wise during the last five years

2017-18	2016-17	2015-16		2014-15	2013-14
1553	1587	1230		1558	1332
File Description			Document		
Institutional Data in Prescribed Format			View]	<u>Document</u>	

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

2017-18	2016-17	2015-16		2014-15	2013-14
158	165	167		194	151
File Description			Document		
Institutional Data in Prescribed Format		View Document			

Total number of classrooms and seminar halls

Response: 55

Total number of computers in the campus for academic purpose

Response: 1174

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
9333.51	4504.76	3267.71	3488.50	3232.41

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1 Curricula developed /adopted have relevance to the local/ national / regional/global developmental needs with learning objectives including program outcomes, program specific outcomes and course outcomes of all the program offered by the University

Response:

1. Inputs are obtained from various stakeholders including experts from academia, Industry & Profession, Alumni, Students and Employers. A perusal of trends being followed in institutions of eminence in India & abroad as well as the modifications desired by Regulatory bodies like UGC, AICTE, CoA, is done periodically by the AAC/BoS of the Schools.

2. The proposed changes in curricula are discussed at the University level in the Board of Academics, Research & Consultancy (BARC) and the recommendations are forwarded to the Academic Council where the External experts from Academia & Industry share their views to make the curricula relevant to needs at Regional/National/Global level.

3. The eminent experts with life-time of background in Academia, Profession, Government, and Industry add additional perspective before approving the curricula.

4. This 4-level process ensures that needs of a wide spectrum of stakeholders covering regional/national and international perspective are addressed.

5. Courses in the curricula which address the local needs include, but are not limited to Hill Architecture, Stability of Slopes, Sustainable built Environment, Principles of Management, Marketing Management, Professional Ethics, Intellectual Property, Multiple Design related courses, Non-Conventional Energy Sources, Internet of Things, Solar Energy Utilization, Small Hydro Systems, Energy Efficiency in Buildings, to name a few.

6. Choice Based Credit System is implemented in the university since 2004 as the IIT pattern of education had been adopted at the beginning itself. Wide variety in Core Courses, School & Open Electives and Non-Credit courses is available to the students. MOOCs based credit courses are offered to students through SWAYAM/NPTEL. Mini & Major Projects/Dissertation are part of all programs.

7. It is pertinent to note that the curricula in most of the programs sees frequent updates to include the latest requirements. The last major change has been done in May 2018 wherein changes proposed by AICTE in their model curriculum have been addressed.

8. The university bears the name of the goddess Shri Mata Vaishno Devi and thus focuses on instilling Indian Value System & Philosophy in the students though the curriculum. A gamut of courses on Ethics, Human Rights, Indian Philosophy, Constitution etc. are offered to all students with a course entitled "Discourse on Huma Virtues", being a mandatory course for all students.

9. Having a curricula which is continuously updated results directly in better placement of our students both at the campus placement level, higher education level, entrepreneurial ventures and also in seeking employment after leaving the campus.

10. University has embraced Outcome Based Education and Learning since Session 2017-18. Vision and Mission has been set by each school in accordance with the Vision and Mission of the University and the Program Educational Objectives (**PEOs**), Program Outcomes (**POs**) and Course Outcomes (**COs**) have been formulated. The information regarding these are indicated clearly to the students by each faculty member at the time of commencement of the course and a record of same is also reflected in the Question Papers in Major Exams.

File Description	Document	
Link for Additional Information	View Document	

1.1.2 Percentage of programs where syllabus revision was carried out during the last five years

Response: 100

1.1.2.1 How many programs were revised out of total number of programs offered during the last five years

Response: 15

1.1.2.2 Number of all programs offered by the institution during the last five years

Response: 15

File Description	Document
Minutes of relevant Academic Council/BOS meeting	View Document
Details of program syllabus revision in last 5 years	View Document

1.1.3 Average percentage of courses having focus on Employability/ Entrepreneurship/ Skill development during the last five years

Response: 89.21

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
510	540	492	475	427

File Description	Document
Average percentage of courses having focus on employability/ entrepreneurship	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years

Response: 34.59

1.2.1.1 How many new courses are introduced within the last five years

Response: 221

1.2.1.2 Number of courses offered by the institution across all programs during the last five years

Response:	639
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File Description	Document
Institutional data in prescribed format	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Response: 100

1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Response: 15

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

Response:

1. As a part of the 4-level curricula development process, a lot of thought has gone into identifying

issues of importance at local, national and global level which may be considered for inclusion in the curricula of various programs from time to time. Many such issues have been brought to the notice of the Higher Educational Institutions in general by regulatory bodies like UGC, AICTE, CoA etc. through circulars issued from time to time. The same are also considered by the statutory bodies of the university.

2. The design of the curricula of the various academic programmes is such that the curriculum and the conduct of the program re-affirms and lays stress on integrity, ethics and values. Specific courses have been designed to inculcate a sense of responsibility and commitment into the students.

3. The university, in the meeting of Executive Council in 2016, introduced a course entitled "Discourse on Huma Virtues", as a mandatory course for all students to promote the concept of human values among all students.

4. Similarly, the NSS (National Social Service) course is a mandatory course for all undergraduate and integrated programs since 2014. The implementation of the course is taken very seriously and a failure to complete the requirements of this course leads to award of 'F' grade which has an impact on the scholarship as well as award of degree.

5. In keeping with the circulars from UGC, the university introduced the course on "Environment" as a mandatory course for all undergraduate programs in 2015. The course is also offered as Open Elective, as part of curricula of the PG programs.

6. The university bears the name of the goddess Shri Mata Vaishno Devi and thus focuses on instilling Indian Value System & Philosophy in the students though the curriculum. A gamut of courses on Professional Ethics, Human Rights, Indian Philosophy, Constitution etc. are offered to all students in all programs.

7. Various courses, on different aspects of Sustainability, are offered by the School of Mechanical Engineering, Energy Management and Architecture & Landscape Design which are also available to all students as part of curriculum.

8. The School of Language & Literature has taken a lead in Gender Sensitization and offers courses which are available to students of all programs under Open Electives.

9. Understanding the importance of Entrepreneurship and start-ups, the university has introduced a mandatory course on "Entrepreneurship Management" in all UG Programs and the same is also available to all other programs as part of curriculum.

10. Supporting all such courses, which address the issues of National importance, are a host of extracurricular activities in the form of Inspirational & Motivational lectures by eminent experts from academia and Profession. Events like Quiz, Debates, Activities under "*Unnat Bharat*" & "*Swachh Bharat*" are organized frequently to underline the importance of such issues. The GSCASH (Committee for promoting Gender Sensitization and preventing Sexual Harassment) arranges for regular lectures by experts to promote the concept of Gender Sensitization

1.3.2 Number of value-added courses imparting transferable and life skills offered during the last

five years

Response: 19

1.3.2.1 How many new value-added courses are added within the last 5 years

Response: 19

File Description	Document
List of value added courses	View Document

1.3.3 Average percentage of students enrolled in the courses under 1.3.2 above

Response: 74.41

1.3.3.1 Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1411	1393	1296	1160	560

1.3.4 Percentage of students undertaking field projects / internships

Response: 28.42

1.3.4.1 Number of students undertaking field projects or internships

Response: 476

File Description	Document
List of programs and number of students undertaking field projects / internships	View Document

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni 5)Parents for design and review of syllabus Semester wise /year-wiseA. Any 4 of aboveB. Any 3 of above

C. Any 2 of above

D. Any 1 of above

Response: A. Any 4 of above	
File Description	Document
URL for stakeholder feedback report	View Document

 1.4.2 Feedback processes of the institution may be classified as follows:

 A. Feedback collected, analysed and action taken and feedback available on website

 B. Feedback collected, analysed and action has been taken

 C. Feedback collected and analysed

 D. Feedback collected

 Response: A. Feedback collected, analysed and action taken and feedback available on website

 File Description

 URL for feedback report

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 36.6

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
396	430	579	722	656

File Description	Document
List of students (other states and countries)	View Document

2.1.2 Demand Ratio(Average of last five years) Response: 2.37 2.1.2.1 Number of seats available year-wise during the last five years 2017-18 2016-17 2015-16 2014-15 2013-14 608 685 649 640 499 **File Description Document** Demand Ratio (Average of Last five years) **View Document**

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 72.47

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
158	165	167	194	151

File Description	Document
Average percentage of seats filled against seats reserved	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

1. As the admission process of the university is based on rigorous tests conducted at National level including intake based on JEE Main/JAM/CAT/MAT/CMAT, the quality of intake is quite good. In case of MBA additional tests like Group Discussions, Personal Interviews and essay writing are also introduced to test the communication skills of the students.

2. However, due to the large diversity in the academic and social background of the students, a need assessment is done at the level of Mentors to identify the Career plan of the students and to identify the academic weakness of the students. Analysis of the students in terms of weakness in written & oral expression of the students in English is also done in the form of a Proficiency test. Analysis of the soft-skills of the students is also done by the mentors, particularly for the students who have to appear for campus placement process.

3. Based on this assessment, remedial measures in multiple forms are arranged for the students including conduct of remedial classes in courses where the students are academically weak.

4. The language lab facility is provided to the students who are weak in English language so that using the specialized software the expression and professional writing can be improved.

5. Special sessions, conducted by specialized external agencies, on eliminating the weakness of the students are conducted prior to the commencement of the campus placement process to improve their employability

6. Extra Classes are conducted by the faculty members for the academically weak students, during the course of the semester, to enable these students to perform better.

7. The university also runs a unique Summer Semester during the summer break wherein the registration in backlog courses are offered to the students, based on choice of students, to provide an opportunity to re-learn the course and pass it.

8. During the Summer Semester, the advanced learners are also allowed to register for additional courses, which they may be interested in taking up. These courses could be the advanced courses from their own program or even from the PG programs in case of UG students. This gives the students an advantage in balancing their academic load, such that they have less academic load in higher semesters when they are preparing for competitive exams like GATE, NET etc.

9. Students are also encouraged to register for courses in NPTEL/SWAYAM to add on to the academic input and to enhance their capabilities by obtaining certification, for which the certification fee is reimbursed by the university.

10. Students are also encouraged to take courses to improve their professional capabilities by taking courses under the MoU of the university with Spoken Tutorial Project of IIT Mumbai where they can also obtain certification.

File Description	Document
Any additional information	View Document
link for additional information	View Document

2.2.2 Student - Full time teacher ratio		
Response: 13.84		
2.2.3 Percentage of differently abled student	ts (Divyangjan) on rolls	
Response: 0.06		
2.2.3.1 Number of differently abled students or	n rolls	
Response: 1		
File Description	Document	
Institutional data in prescribed format	View Document	

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

1. Consideration has been given in the 4-level curricula development process, to include courses in the curricula which promote and focus upon the implementation of various student centric methods.

2. Faculty members have undergone multiple training programs through IIT Mumbai to learn advanced pedagogical tools and mechanism to improve upon the teaching-learning process and make the process more student centric.

3. Internship, a very effective experiential learning tool is mandatory for B.Tech., B.Arch. & MBA Programs while students of all other programs are encouraged to go for summer internships. Provision is available in the curricula of B.Tech., B.Arch. & M.Tech. to enable students to engage for full semester of

Internship at organization of their choice. This has proven successful with many students getting absorbed in the companies where they undergo such internship. Support is available from the Placement Cell as well as the School Placement team for this.

4. Field Trips & Industry Visits are conducted regularly for students of various programs to enable them to get the feel of the real life situations.

5. Projects / Dissertation are mandatory in all programs at the university and are generally assigned a fair share of credit weightage. Students are encouraged and provided financial assistance to present their papers, based on the work done, in conferences and also attend workshops to enhance their vision.

6. Various participative techniques including group projects, group assignments, case studies, interactive discussions and exploratory presentations are utilized in all programs with substantial inputs from the faculty members in terms of guiding the activity.

7. Problem analysis is a significant part of almost all courses in Engineering, science & Management programs with dedicated tutorials in many courses. Tutorial classes are added by faculty members, if so needed, even if the same are not inherently part of the curricula depending upon the pace of the students.

8. Pedagogical techniques like Flipped Classes have also been introduced by faculty members to make the classes more interactive with onus on students to prepare better for the class. This has been widely possible because use of MOODLE Learning Management System and availability of large amount of multimedia content on NPTEL/SWAYAM and other websites including YouTube and MOOCs platforms like eDX and Coursera. Students are encouraged to register for MOOCs courses and the same are discussed in the class. Cost of certification of MOOCs course is reimbursed by the university.

9. Usage of MOODLE has also been utilized to conduct discussions platforms for the students in a course, even when a faculty member has been away on a seminar/conference.

10. Recording of lectures has been introduced recently with availability of recording facility in the Lecture Theaters. The university intends to have lecture recording facility in all class-rooms to enable loading of such lectures on MOODLE as ready reference for students.

11. New pedagogical techniques like Think-Pair-Share have also been used to ensure maximum participation of students in the class and the techniques have been found to be useful for making class-work more interactive.

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 100

2.3.2.1 Number of teachers using ICT

Response: 121

File Description	Document
List of teachers (using ICT for teaching)	View Document
Provide link for webpage describing the " LMS/ Academic management system"	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 14.57

2.3.3.1 Number of mentors

Response: 115

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers agai	nst sanctioned posts during the last five years
Response: 60.67	
File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 66.85

2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
85	76	72	71	60

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document

2.4.3 Teaching experience per full time teacher in number of years

Response: 7.24

2.4.3.1 Total experience of full-time teachers

Response: 876

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 34.99

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14	
4	5	10	11	8	

File Description	Document
Institutional data in prescribed format	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 30.07

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14	
66	56	51	53	43	

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document

2.5 Evaluation Process and Reforms

2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results during the last five years

Response: 25.8

2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
15	14	8	57	35

File Description	Document
List of programs and date of last semester and date of declaration of result	View Document

2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 0.6

2.5.2.1 Number of complaints/grievances about evaluation year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
9	10	7	8	6

2.5.3 Average percentage of applications for revaluation leading to change in marks during the last five years

Response: 19.91

2.5.3.1 Number of applications for revaluation leading to change in marks year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	2	1	3	1

2.5.4 Positive impact of reforms on the examination procedures and processes including IT integration and continuous internal assessment on the examination management system

Response:

University, since its first academic session in 2004-05, has adopted the examination system followed at the IITs which focuses on continuous evaluation and insists on complete transparency.

1. The students are evaluated based on multiple assignments, quiz, presentations that may be assigned by the course coordinators from time to time. The students are required to undergo three main exams roughly after every 1/3rd duration of the semester called Minor-I, Minor-II & Major exams.

- 2. The course coordinators show the marked copies of the answer scripts to the students by a specified date as mentioned in the Academic Calendar and discuss the same.
- 3.As the university follows Absolute Grading system and as the students are aware of the marks obtained at every evaluation level, they can calculate their own Grades & GPAs.
- 4. Before the declaration of results, the students can see all answer scripts in presence of faculty concerned so as to satisfy themselves regarding their performance in the exams and the grades which are awarded to them.
- 5. Evaluation of Projects, dissertation etc. is done by External Experts to ensure diversity in evaluation.

University has undertaken examination reforms periodically to improve transparency and efficiency of the evaluation process, a few of which are listed below:

- 1.A separate Examination Wing has been created to look after the conduct of all exams. This has resulted in better handling and streamline of the examination process.
- 2. MOODLE Learning Management System is utilized for on-line submission of grades by the faculty members for the courses taken by them thus ensuring access to grades by parents as well. This has also enabled conduct of on-line submission of assignments and conduct of quiz.
- 3.A cap on the number of Dissertation that can be evaluated by one external examiner has been put in place to improve upon the quality of evaluation process for M.Tech. /MBA/ M.Sc. Dissertation and B.Tech. projects
- 4. Re-evaluation mechanism is in place for cases where there is sufficient cause to ask for repeat evaluation of the script or re-conduct of a viva examination. This has provided better handling of student's grievance, if any.
- 5. Flexibility has been introduced for the course coordinator to enhance the weightage of quiz/assignments thus focusing more on continuous evaluation rather than term end exam. This has improved the quality of evaluation in many relevant courses.
- 6. University utilizes a highly secure QR Code based mechanism for securing the authenticity of the Degrees awarded to the students making it virtually impossible to forge the document. This also enables on-line verification.
- 7. University has also entered into agreement for National academic Depository for on-line verification of documents.
- 8. Questions papers of major examination are evaluated by external expert faculty to ensure its quality; this has resulted in consistently marked improvement.
- 9. The university has taken a fresh initiative recently and has declared the results of the passing-out students within a period of one week after completion of examination.

2.5.5 Status of automation of Examination division along with approved Examination Manual A. 100% automation of entire division & implementation of Examination Management System (EMS)

B. Only student registration, Hall ticket issue & Result Processing

C. Only student registration and result processing

D. Only result processing

Response: A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	<u>View Document</u>

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Response:

University has adopted implementation of Outcome Based Education and Learning from Session 2017-18. Multiple workshops were conducted by external experts, including Experts from JNTU Hyderabad, ESCI (Institution of Engineers) Hyderabad besides in-house workshops to ensure that all faculty members were sensitized to the whole approach of Outcome Based Education. Faculty teams from all schools worked extensively with feedback from all stake-holders including Experts from academia, industry, profession, feedback from alumni, students, employers to frame the School Vision and Mission, Program Educational Objectives (**PEO**s), Program Outcomes (**PO**s) and Course Outcomes (**CO**s) for all programs.

Following are displayed on the University website;

- 1. Vision & Mission of the University
- 2. Vision & Mission of each School
- 3. Program Educational Objectives of all Programs
- 4. Program Outcomes and Program Specific Outcomes of All Programs
- 5. Syllabus of All Courses with mention of Course Outcomes

Besides the university website, University Vision, Mission along with School Vision & Mission with Program Objectives of all programs are displayed in respective school. The same are also displayed along with the courses on the university ERP system which is being placed in a modular manner. The linking of the Questions in the Major Question paper with the Course Outcomes id printed on the rear side of each question paper for the student's benefit.

Question paper templates have also been formed and are utilized to ensure better framing of the question paper in line with the COs and POs.

File Description		Document	
Link for Additional Information	V	liew Document	

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

With the adoption of the Outcome Based Education & Learning mechanism by the university in Session 2017-18, attainment of program outcomes, program specific outcomes and course outcomes have been evaluated by the faculty members in each School for the Even Semester Dec-May 2018. Outcome Based Education and Learning has already been initiated w.e.f. Even Semester 2017-18. Multiple workshops were conducted by external experts, including Experts from JNTU Hyderabad, ESCI (Institution of Engineers) Hyderabad besides in-house workshops to ensure that all faculty members were sensitized to the whole approach of Outcome Based Education.

Initial Bench mark for CO Attainment has been set at 60% students achieving 60% marks in each course. Year-wise targets have been set for all courses with the target to achieve 75% students attaining 75% marks in each course as a benchmark on the journey of achieving academic excellence.

2.6.3 Average pass percentage of Students

Response: 97.01

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 454

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 468

File Description	Document
List of programs and number of students passed and appeared in the final year examination	View Document
Link for annual report	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 2.8

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1 The institution has a well defined policy for promotion of research and the same is uploaded on the institutional website

Response: Yes

File Description	Document	
URL of Policy document on promotion of research uploaded on website	View Document	

3.1.2 The institution provides seed money to its teachers for research (average per year)

Response: 0

3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
List of teachers receiving grant and details of grant received	View Document

3.1.3 Number of teachers awarded international fellowship for advanced studies/ research during the last five years

Response: 7

3.1.3.1 The number of teachers awarded international fellowship for advanced studies / research year-wise during the last five years

2017-18 2016-17 2015-	2014-15	2013-14
1 1 1	2	2
File Description	Document	
---	---------------	
List of teachers and their international fellowship details	View Document	

3.1.4 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates, other research fellows in the university enrolled during the last five years

Response: 86

3.1.4.1 The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows in the university enrolled year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
33	22	9	11	11

File Description	Document
List of research fellows and their fellowship details	View Document

3.1.5 University has the following facilities

1. Central Instrumentation Centre

2. Animal House/Green House / Museum

3.Central Fabrication facility

4. Media laboratory/Business Lab/Studios

5. Research/Statistical Databases

Any four facilities exist

Three of the facilities exist

Two of the facilities exist

One of the facilities exist

Response: Any four facilities exist

File Description	Document
List of facilities provided by the university and their year of establishment	View Document
Link to videos and photographs geotagged	View Document

3.1.6 Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other similar recognition by government agency

Response: 16.67

3.1.6.1 The Number of departments with UGC-SAP, CAS, DST-FIST ,DBT,ICSSR and other similar recognition by government agency

Response: 2

File Description	Document
List of departments and award details	View Document

3.2 Resource Mobilization for Research

3.2.1 Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Response: 1718.62

3.2.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
622.12	158.61	86.82	226.98	624.09

File Description	Document
List of project and grant details	View Document

3.2.2 Grants for research projects sponsored by the government sources during the last five years

Response: 503.79

3.2.2.1 Total Grants for research projects sponsored by the government sources year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
89.92	137.24	21.45	163.6	91.58

3.2.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 2.02

3.2.3.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 66

3.2.3.2 Number of full time teachers worked in the institution during the last 5 years

Response: 163

File Description	Document
Link for funding agency website	View Document

3.3 Innovation Ecosystem

3.3.1 Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

Response:

University is strongly committed to promoting innovation and is continuously working to provide the necessary eco system for creation and sustenance of innovation. Some of the measures are:

1. To promote innovation and the culture of Startups in the university, Shri Mata Vaishno Devi University Technology Business Incubation Center (SMVDU TBIC) has been established with the Grantin-aid from NSTEDB -DST, GoI. SMVDU-TBIC is the first ever Technology Business Incubator in the State of J&K and has been identified as one of the sixty eight Incubators authorized to recommend Startups under Startup India Initiative. The Thrust areas are Biotechnology (Microbial, Plant, Medical Genetics and Diagnostics), Engineering (Electronics, Robotics, E-commerce, GSM/GPRS based Technology, Alternative Energy Management) and Business Development. However, the incubator facilitates any technology based idea with potential to develop into a successful business as well as small scale business with potential to grow into big industry.

2. SMVDU TBIC has organized Innovation Challenge Events, open to students of the university to encourage innovative ideas from the students. Attractive cash prizes amounting INR 32000/- were on offer to be won by the students. A total of xxx students participated in these contests.

3. The sustained efforts at the SMVDU TBIC has resulted in a total of 18 incubatees at the TBIC in a short time of 3 years.

4. All students, faculty and staff members are encouraged to incubate their Innovative Idea through SMVDU TBIC with an initial support amount of Rs. 50,000/- for each startup.

5. The university has unveiled a fresh IPR Policy to vigorously support and promote innovation and filing of patents. Under the policy, the complete cost of filing of the patent as well as the hiring of appropriate agency is borne by the university with a generous sharing of the royalties among the concerned student/staff/faculty and the university. This has resulted in filing of a total of xx patents in the last few years, many of which are at an advance stage of being granted.

6. Although all labs in the university are accessible to the students round the clock, a specialized Tinkering Lab has been created as a centralized facility to enable the students to try out their ideas.

7. Entrepreneurship Development Cell in the university, established with support from AICTE, promotes and encourages the students to innovate and translate their ideas into businesses. Workshops conducted by agencies like MSME provide necessary inputs to interested students.

8. Quality Circles have been created in each School and section and their proceedings are open to every individual of the university, the intent being to promote innovations at every micro-level.

9. Mandatory course on "Entrepreneurship Development" has been introduced in all undergraduate programs, which are also open to all others students to promote the entrepreneurial spirit

10. Innovative in Programming Skills by the students are also encouraged by instituting a monthly Best Programmer Award with an appreciation amount of Rs 5000/-. Further the Best Project Award, on a quarterly basis is given with an appreciation amount of Rs.25,000.

File Description	Document
link for additional information	View Document

3.3.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry - Academia Innovative practices during the last five years

Response: 7

3.3.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2017-18 2016-17 2015-16	2014-15	2013-14
1 4 2	0	0

File Description	Document
List of workshops/seminars during the last 5 years	View Document

3.3.3 Number of awards for innovation won by institution/ teachers/ research scholars/students

during the last five years

Response: 1

3.3.3.1 Total number of awards for innovation won by institution/teachers/research scholars/students yearwise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	0	0	0	0

File Description	Document
List of innovation and award details	View Document

3.3.4 Number of start-ups incubated on campus during the last five years

Response: 12

3.3.4.1 Total number of start-ups incubated on campus year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	11	0	0	0
File Descriptio	n	1	Document	

3.4 Research Publications and Awards

 3.4.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

 Response: Yes

 File Description
 Document

 Any additional information
 View Document

3.4.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Response: Yes

3.4.3 Number	of Patents published/a	awarded durii	ng the last five yea	ars		
Response: 2						
3.4.3.1 Total nu	mber of Patents publi	shed/awarded	year-wise during the	he last fiv	e years	
2017-18	2016-17	2015-16	2014-15	i	2013-14	
1	1	0	0		0	
File Descriptio	n		Document			
List of patents and year it was awarded			View Document			
)	
3.4.4 Number Response: 0.65	of Ph.D.s awarded pe	er teacher dur	ing the last five y			
3.4.4 Number Response: 0.65	of Ph.D.s awarded pe	er teacher dur	ing the last five y			
3.4.4 Number Response: 0.65 3.4.4.1 How ma	of Ph.D.s awarded pe	er teacher dur	ing the last five y			
3.4.4 Number Response: 0.65 3.4.4.1 How ma Response: 47	of Ph.D.s awarded pe	er teacher dur	ing the last five y ears	ears		
3.4.4 Number Response: 0.65 3.4.4.1 How ma Response: 47 3.4.4.2 Number	of Ph.D.s awarded pe	er teacher dur	ing the last five y ears	ears		
3.4.4 Number Response: 0.65 3.4.4.1 How ma Response: 47 3.4.4.2 Number Response: 72	of Ph.D.s awarded pe	er teacher dur	ing the last five y ears	ears		
3.4.4 Number Response: 0.65 3.4.4.1 How ma Response: 47 3.4.4.2 Number Response: 72 File Description List of PhD sch	of Ph.D.s awarded pe	er teacher dur within last 5 y d as guides dur like name of	ing the last five y ears	ears		

3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Response: 9.39

3.4.5.1 Number of research papers in the Journals notified on UGC website during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
139	199	199	192	291

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document

3.4.6 Number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings per teacher during the last five years

Response: 2.73

3.4.6.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
129	85	51	12	19

File Description	Document
List books and chapters in edited volumes / books published	View Document

3.4.7 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Response: 6.87

File Description	Document
BiblioMetrics of the publications during the last five	View Document
years	

3.4.8 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Response: 23.5

File Description	Document
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the University	View Document

3.5 Consultancy

3.5.1 Institution has a policy on consultancy including revenue sharing between the institution and

the individual

Response: Yes

File Description	Document	
Soft copy of the Consultancy Policy	View Document	
URL of the consultancy policy document	View Document	

3.5.2 Revenue generated from consultancy during the last five years

Response: 169.27

3.5.2.1 Total amount generated from consultancy year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
48.45	1.59	112.29	0	6.94

File Description	Document
List of consultants and revenue generated by them	View Document

3.5.3 Revenue generated from corporate training by the institution during the last five years

Response: 57.68

3.5.3.1 Total amount generated from corporate training by the institution year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	5	2013-14	
7.3	5.4	25.66	9.56		9.76	
File Description			Document			

3.6 Extension Activities

3.6.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

- 1.Students are encouraged in actively participate in activities (like Vikalp, Swatchch Bharat Abhiyaan) initiated under Institute Social Responsibility (ISR) mission. Five nearby villages have been adopted by SMVDU under Unnat Bharat Abhiyaan (UBA) and students' participation is encouraged in order to help these villages for exchange of knowledge and for the overall social/economic betterment of the village communities.
- 2. The Vikalp program of the university, based completely on volunteer activities of the students and faculty has been the flagship program of the University for Outreach to the community near the university. Over the last five years, more than 400 student volunteers and many faculty members have been associated with the program under which the children of the nearby rural community visit the university every evening. These children (more than 200), are provided assistance in academics, life skills, hygiene, sports, cultural activities and social skills. As a matter of practice, we invite the local people in our cultural programs and other important events.
- 3. The University frequently organizes DST sponsored INSPIRE program which has provided innovative platform for more than 3000 students in Jammu, Kashmir and Ladakh regions of the State. In this program eminent scholars of India and aboard interact and ignite the young minds of country which has proven very useful for the student community.
- 4. The University attempts to involve the local people in developmental activities while also providing job opportunities for the people of neighboring area. It is pertinent to note that more than 375 employees of the university are from the neighboring community.
- 5. The University, under its extension activities (NSS, sports, cultural, educational etc.) organizes a number of events in which the students from outside institutions are invited and the University students are also sent to other universities/institutions to take part in their events. In the academic year 2014-15 and 2015-16, a good number of students have participated in 17 cultural and sports inter-university level events in different institutions of the country and 25 NSS activities were organized. 2 of our students have been selected to represent the University at International Youth Summit based upon their extra-ordinary performance in Indian Students Parliament organized by MIT-SOG, Pune (Jan. 2015).
- 6. Given the University's commitment to all extensional activities, it also gives equal opportunity to all students to take part as well as organize events of variety of interest such as educational/awareness based activities, campaign and rallies like fund-raising campaigns (for NFCH, International Federation for the Blind, J&K Blind Federation, Red Cross Society), environmental awareness campaigns, disaster management training, film-making for social change, cyber safety and social concerns etc. Based upon the assessment, we find that these events help inculcate following values and they also impart certain skills as mentioned below:

Values Inculcated:

- Social Responsibility
- Team-Spirit
- Citizenship
- Selfless Service

Skills Developed:

• Event management

- Working in a team
- Self discipline
- Dealing with human affairs
- Social communication
- Public relationship
- Involving common public in events
- Basic skills of safety and disaster response

File Description	Document
link for additional information	View Document

3.6.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 2

3.6.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	0	0	0

File Description	Document
Number of awards for extension activities in last 5 years	View Document

3.6.3 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 last five years

Response: 17

3.6.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
5	4	4	2	2

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	<u>View Document</u>

3.6.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 11.75

3.6.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. yearwise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
200	300	150	150	120

File Description	Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	View Document

3.7 Collaboration

3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange per year

Response: 4.4

3.7.1.1 Total number of Collaborative activities for research, faculty exchange, student exchange yearwise during the last five years

2017-18	2016-17	2015-16		2014-15	2013-14	
10	2	0		0	10	
File Descripti	on		Docum	nent		

3.7.2 Number of linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the last five years

Response: 152

3.7.2.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
38	36	33	27	18

File Description	Document
Details of linkages with institutions/industries for internship	View Document

3.7.3 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 22

3.7.3.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

2017-18	2016-17	2015-16	2014-15	2013-14
6	4	3	4	5

File Description	Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	<u>View Document</u>

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc

Response:

1. The University currently has adequate facilities viz a viz the norms of the regulatory bodies for teaching-learning process. The number of laboratories are as per the regulatory body norms besides the computational facilities.

2. Each class-room and Architectural studio in the university is equipped with Interactive Projector, Audio System, wired Internet & Intranet Connection and Wi-fi facilities. More than 1100+ computers (Desktops, Workstations & Laptops) are accessible to the students and faculty members who have access to the Internet across the university including Class, Labs, Conference Rooms, Auditorium, Hostels, and Faculty Quarters etc. 04 Lectures Theaters, each of capacity 150+, has lecture recording and streaming facilities and it is envisaged to have such facility in each class-room.

3. The 5 year perspective plan of the university covers the entire gamut of activities envisaged by each School in the next five years including new programs, research facilities etc. This includes the creation of additional academic block (Class-rooms, Labs, Lecture Theaters, Conference Rooms, Faculty cabins, Student amenities etc.) besides additional Faculty & Staff Residence, Indoor Sports Complex and Married student's Accommodation.

4. The laboratories in each School are well-equipped with adequate equipment, software and consumable items as may be needed for academic and research work. Some of the specialized labs are designated specifically for research work including MASS Array Lab, Microsystems Lab, Nanotechnology Lab, Microbiology Lab etc.

5. Some of the laboratories have been established in collaboration with or support of well-known corporate giants which are listed below:

I. Intel[™] 5G & IoT Lab
II. Adobe[™] Enterprise Manager Lab
III. SMVDU Freescale[™] Systems Lab
IV. SMVDU Xilinx[™] Lab
V. EMC2[™] Lab
VI. Jio[™] Lab

These labs enable the students to work on state-of-art equipment, internship opportunities and training by industry professionals

6. Laboratories have been also been established with support from government bodies like UGC, DST & DBT:

a. Centre for Embedded Instrumentation & Networked Controls with initial support from UGC under XIth Plan

b. Microsystems Lab with initial support from DST, GoI

c. Bioinformatics Centre with continued support from DBT, GoI

7. The university is connected to the National Knowledge Network through the 1Gbps Internet link which provides access to IITs, NITs etc. and the Internet connectivity is available to each student/staff/faculty.

8. University promotes the usage of licensed software only and has tie up with Microsoft for its range of software. Further, usage of Open Source Software is heavily promoted as a policy and many utilities from Open Source community are used for conduct of class-work and labs. All software utilized in various laboratories for lab work and research are licensed.

9. 100% implementation of MOODLE Learning Management System is utilized for sharing all academic data with the students

10. The University library provides access to 45000+ books while access to 6500+ journals is also available in hardcopy or e-journal mode besides e-books.

File Description	Document
Link for Additional Information	View Document

4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor),gymnasium, yoga centre etc., and cultural activities

Response:

1. The university has well equipped gymnasium for boys and three well equipped gymnasium for girls in their hostels. University has full provision of indoor games like badminton (two courts), table tennis, Carom Board etc. In addition, University have six Badminton Courts in different hostels. University also has three Volley Ball Courts, one Hand Ball Court, three Lawn Tennis Courts and Basket Ball Courts. University has also three Badminton Courts in the residential area for staff and faculty members. University has the facility for other sports like cricket, football and athematic. Soon University will have World class sports complex with swimming pool of International standard.

2. Matrika Auditorium (1000 capacity) facilitates organization of large scale cultural programs, motivational and public talks, interactive sessions, presentations, celebrations, movie projection etc. This is equipped with Conference / Committee Rooms, Green Rooms, VIP Lounge and Projection Facility.

3. Dance practice Rooms and Music Rooms with instruments (Drum-set, Synthesizer, Scale-changer Harmonium, Tabla-sets, Sitars, Guitars, Electric Guitars, Flutes etc.) are also available on campus.

4. Yoga is conducted for students, staff and faculty every morning at the following designated locations meant to be used as Yoga Halls (Indoor & Outdoor):

- a. Inaugural Area (Outdoor)
- b. Guest House Lawns (Outdoor)
- c. Fountain Plaza (Outdoor)
- d. Activity Hall Basohli Hostel (Indoor)
- e. Activity Hall Shivalik Hostel (Indoor)

File Description	Document
link for additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 55

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document
Link for additional information which is optional	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 54.12

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
8313	3253	1298	1719	1429

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

1. The Library has in the last two years moved from the previous Libsys Library Management system to the Library integrated Library Management Software package- the e-Granthalaya 4.0 with all the modules for the Library housekeeping operations. Users can find the latest additions of books and periodicals in the Library, status of books (issued/on-shelf) and against his account books.

2. The Library Catalogue is automated and fully indexed. The catalogue can be browsed and searched by author, titles, and subject/keywords. The entire Library collection is Bar-coded. Bar-coded Library cards are printed in-house in the Library and are issued to the members. Library catalogue is accessible on the Internet and subscribed e-resources can be searched from anywhere in the Campus.

3. A separate reading space is available which is kept open 24X7. Library is equipped with Wi-Fi network in addition to wired connectivity. Most of the library operations are automated. The Library is a modern facility housing a Digital Library equipped with 40 PC's with internet access, Photocopy machines, Fax machine, Scanner, Online UPS & Power Inverters.

4. Apart from this, any member can also find the status of books issued in their name, overdue, fines, etc. Library users can also search the books through WebOPAC on mobile also.

5. Further, in order to avoid any sort of anti-plagiarism issues and improve upon the quality publications from the University and also to improve the quality of the assignments submitted by the students of the University, Library has deployed Anti-plagiarism software Turnitin (for similarity checking).

6. Higher level of automation by implementing RFID technology in under progress.

File Description	Document
link for additional information	View Document

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resource for library enrichment

Response:

1. Shri Mata Vaishno Devi University Library started on 19th August 2004 with 2000 Books and within a short span of time the library has acquired more than 47,000 Books & more than 3,000 CD /DVD collections.

2. The Central Library building is covering a total of 36,000 Square Yrds area & is being covered with various separate sections like Acquisition Section, Technical Section, Circulation Section, Reference Section, Periodical Section, Text Book Section, Computer Section, and Reading Section for the benefit of readers. The Central Library collection encompasses books and journals on different streams including Management, Economics, Computer Science, Electronics, Mechanical & all other Engineering streams, Architecture, Sciences, Philosophy, Religion, English, Dogri Hindi Literature etc.

3. The knowledge resources of library is enriched with 08 type of Encyclopedias including Encyclopedia of Britannica (Vol.1-25), Science (Vol 1-8) etc. Additionally, the university Library is facilitating readers with spiritual books, various year books & survey reports like Common Wealth University Book, National Family Survey, and Atlas of India on Multi- Temporal Satellites. Apart from these resources the library also subscribes to more than 62 print national and 06 international journals. The bound volumes of print periodicals are also available in the Central Library.

4. The Central Library is enriched with e-resources including ProQuest, Elsevier, Harvard Business Cases from Harvard Business School Publishing Pvt. Ltd. & IEEE/IEL. The SMVDU Central Library provides access to more than 46,409 online journals & 2695 conference proceedings through eShodhSindu Digital Library Consortium, INFLIBNET and also have e-Resources including Economic & Political Weekly, Emerald CFTI Collection (298 titles), Institute for Studies in Industrial Development (ISID) Database, JGate Plus (JCCC), JSTOR, MathSciNet&Springer Link. National Digital e-Resources including World e-Book Library&South Asia Archive (SAA).

5. The Central Library also stores Thesis/Dissertations/Major reports of B.Tech. M.Tech. MBA (871Approx.).

6. Books on regional languages (Dogri, Punjabi & Urdu) are also part of the total collection. The Library is also encompasses legal books alike J&K statutes, J&K Judgments, J&K Laws, J&K Civil Minor Acts, J&K Law Digest, J&K Criminal Laws & the Constitution of India. Research paper/articles which are not available in the subscribed e-journals and print journals are procured by the library on request through Document Delivery Service (DDS) as the Central Library is a member of DELNET (Developing Library Network) and thus, associated with other libraries through DELNET and JCCC of UGC INFLIBNET.

4.2.3 Does the institution have the following

1.e-journals
 2.e-ShodhSindhu
 3.Shodhganga Membership
 4.e-books
 5.Databases

Any 4 of the above

Any 3 of the above

Any 2 of the above

Any 1 of the above

Response: Any 4 of the above

File Description	Document
Details of subscriptions like e-journals,e- ShodhSindhu,Shodhganga Membership etc	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 3.46

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
2.4	2.2	1.2	5.8	5.7

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	<u>View Document</u>

4.2.5 Availability of remote access to e-resources of the library

Response: Yes

4.2.6 Percentage per day usage of library by teachers and students

Response: 9.74

4.2.6.1 Number of teachers and students using library per day over last one year

Response: 175

4.2.7 E-content is developed by teachers :

For e-PG-Pathshala
 For CEC (Under Graduate)
 For SWAYAM
 For other MOOCs platform
 For NPTEL/NMEICT/any other Government Initiatives

6.For Institutional LMS	
Any 5 of the above	
Any 4 of the above	
Any 3 of the above	
Any 2 of the above	
Response: Any 3 of the above	
File Description	Document
Details of e-content developed by teachers for e-PG- Pathshala, CEC (UG)	View Document
Give links or upload document of e-content	/iew Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

All faculty, students and staff at SMVDU are heavily attuned to using ICT facilities, as is required in a modern university system:

- 1. The number of computing terminals in the university has gone up from 700+ to 1100+ in the last five years. Many old machines have been replaced with new ones with better computing capabilities.
- 2. University has adopted the use of Open Source Software in lab-work and research work.
- 3. Number of software packages have gone up significantly with procurement of additional licensed software like Qualnet, NetSim, MATLAB, ANSYS, 3D Experience, Creo, AutoCAD, REVIT, SPSS, TCAD, MultiSim, ISE 9i, UltiBoard, COMSOL and other packages covered under Microsoft Campus Agreement.
- 4. With the growth of users, IT services and increasing internet bandwidth demand, the university has scaled up the switching capabilities and implemented latest managed wired and Wi-Fi access. SMVDU has established the state of art "Network Centre" which serves as Centralized entity for providing the network and Internet services across the Campus with 24x7 availability.
- 5.SMVD University Network (UnivNet) connects 34 buildings across campus including all Academic blocks, Hostels, Administrative Offices, Auditorium, VC Residence, Central Workshop, Medical Aid Centre, Guesthouse, faculty and staff residences.
- 6. The network and internet services of the SMVD UnivNet are backed by Layer 3 Core Switch from Cisco, HP & Huawei, 135 Nos. Layer 2 distribution Switches, CISCO Pix Firewalls for Security, Central Authentication Gateway and Network Management System.

- 7. Uninterrupted Internet services have been provided in SMVDU campus from 1 Gbps Internet leased line link from BSNL under NMEICT. With the endeavor of Network Centre team, SMVDU is part of NKN (National Knowledge Network) connecting all Universities in India including IIT, IISc, NIT, etc.
- 8. Application servers for various Schools have been created to provide seamless access to network licensed packages like AutoCAD, Ansys, Prowess CMIE, Capitaline NEO, NetSim etc.
- 9. Wif-Fi service has been implemented across the campus in the last few years and currently more than 300 Wi-Fi Access points provide seamless internet connectivity in the entire campus.
- 10. The backbone was changed over fully to OFC covering the complete campus including Hostels
- 11.MOODLE Learning Management System has been implemented for use by all students, staff and faculty

Network Centre houses 18 Dell/Sun/IBM servers providing:-

- 1.Network services like DHCP, DNS, Proxy, Primary Domain controller, Windows Deployment Service
- 2. Virtualization services through Hyper-V Servers,
- 3. Website hosting service for
 - <u>www.smvdu.ac.in</u>,
 - Network.smvdu.ac.in
 - Webcast.smvdu.ac.in
 - Vikalp.smvdu.ac.in
 - Inspire.smvdu.ac.in
 - Ncsc.smvdu.ac.in (National Case Study Conference website)
 - Osgrp.smvdu.ac.in (Online Student grievance redressal Portal)
 - Bsp.smvdu.ac.in (Board for Student Publications)
 - Sac.smvdu.ac.in (Student Affairs Council)
 - Titiksha.smvdu.ac.in (Tech Fest)
 - Resurgence.smvdu.ac.in (Tech Fest)
 - Sarang.smvdu.ac.in (Sports Fest)
 - Sfd.smvdu.ac.in (Software Freedom Day Fest)
 - Tatva.smvdu.ac.in (Tech Fest for Management)
 - Intranet.smvdu.ac.in
 - E-granthalya Library Management system

File Description	Document
link for additional information	View Document

4.3.2 Student - Computer ratio Response: 1.43 4.3.3 Available bandwidth of internet connection in the Institution (Lease line) ?1 GBPS

500 MBPS - 1 GBPS

50 MBPS-250 MBPS

250 MBPS-500 MBPS

Response: ?1 GBPS

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document
Link to photographs	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 3.01

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
484.4	274.5	109.9	41.9	34.8

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

1. The University has well established Engineering Wing headed by University Engineer & supported by 4 other Officers including 01 Executive Engineer, 01 Dy. University Engineer, 01 AEE (Elec.) & 01

AEE (Civil.). Further there are 7 Junior Engineer (5 Civil and 2 electrical), 01 Head Draftsmen and other supporting staff for overseeing the maintenance of buildings, class-rooms and laboratories in addition to construction of new buildings in the Campus. Every year budget is kept for university maintenance is being utilized appropriately for proper maintenance of the campus. The Building and Works Committee and Project Monitoring Committee of the University to look into the matter related to new and works in process on regular basis.

2. SMVD University maintenance team comprises of electricians, plumbers, carpenters and other to maintain the infrastructure of the Campus with all the basic services to fulfil the needs of the Faculty members, Staff and Students of the Campus and provide round the clock service to everyone.

3. The University is also engaging various agencies to maintain the maintenance of equipment such as Photocopier, Online UPS, Lab Equipment's, EPABX, Water Purifiers etc by Annual Maintenance Contract System. University encourages online complaint registration system for engineering wing and other facilities.

4. Annual servicing of equipment like Acoustics, Generator Sets, motors etc. is being maintained by the University Engineering wing.

5. For the maintenance of IT infrastructure including Computers, Printers & Network equipment, the Network Centre is deployed with expert staff for the purpose.

6. The Housekeeping Department of the university 180 staff looks after regular cleanliness of the campus with approx budget of 152 lakh each year. Horticulture Department of the university is responsible to maintain various lawn and plant new ones wherever required. Strength of horticulture staff is 31 with budget of 6 lac each year excluding wages of workers. In addition, seasonal flower plants are also grown every year for beautification of campus and name plates are also placed on trees / plants in prominent areas.

File Description	Document
link for additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 3.09

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14	
44	39	49	60	45	

File Description	Document	
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	View Document	

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 10.86

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
356	244	129	52	86

5.1.3 Number of capability enhancement and development schemes -

- **1. Guidance for competitive examinations**
- 2. Career Counselling
- 3. Soft skill development
- 4. Remedial coaching
- 5. Language lab
- 6.Bridge courses
- 7. Yoga and Meditation
- 8. Personal Counselling

7 or more of the above

Any 6 of the above

Any 5 of the above

Any 4 of the above

Response: 7 or more of the above

File Description

Details of capability enhancement and development schemes

Link to Institutional website

5.1.4 Average percentage of students benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 14.73

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14	
242	239	183	241	230	

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document

5.1.5 The institution has an active international students cell to cater to the requirements of foreign students

Response:

1. SMVD University has established an International Student Cell to fulfill its plans to collaborate with foreign universities / organizations and participate in various international educational exchange programs etc. In order to take care of international students and make their learning experiences successful and memorable, the ISC at SMVDU under the charge of Dean of Student Welfare is established and is dedicatedly working for the welfare of International students. Guidelines for facilitation of International

students have been framed and circulated. SMVDU-ISC acts like a single window to address international student's queries related to various matters of academics, examinations, hostels etc.

2. The Cell also looks at the following functions:

a. Organize Reception and Orientation Programme for international students

b. Helps in the process of registration with Foreigner Regional Registration Office (FRRO), visa extensions and other related issues

c. Guides with appropriate information and assists in ensuring safety, security, discipline and well being of the international students.

d. Ensures speedy resolution of problems/complaints/grievances to this end a faculty coordinator and a student buddy (from the same programme & batch) is assigned for each International student.

e. Organizes & celebrates cultural activities, international festivals, conducts cross cultural programmes, international lecture series and liaisons with respective embassies to ensure that International students participate in important embassy functions.

f. Organizes special classes for local language/communications understanding and skills.

3. The Cell has been in touch with bodies like DASA and EdCiL to establish mechanism for admitting foreign students to the university. The university is now recognized under DASA program of MHRD, GoI for admission to foreign, PIO holders & NRI students to the university and looks to work actively in this regards.

File Description	Document
Link for Additional Information	View Document

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Response: Yes

File Description	Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 25.47

5.2.1.1 Number of outgoing students placed year-wise during the last five years 2017-18 2016-17 2015-16 2014-15 2013-14 95 96 76 132 144 Document **File Description** Details of student placement during the last five View Document years

5.2.2 Percentage of student progression to higher education (previous graduating batch) Response: 19.82 5.2.2.1 Number of outgoing students progressing to higher education Response: 90 File Description Details of student progression to higher education View Document

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 16.35

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
25	15	11	19	17

5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOEFL/ Civil Services/State government examinations) year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
210	125	93	86	71

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) during the last five years

Response: 2

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	0	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

1. The highest level of students' body is 'Students Affairs Council' (SAC) having its constituent Boards and Inter-hostel Committees as follows:

- a. Board for Hostel Management (BHM)
- b. Board for Sports Activities (BSA)
- c. Board for Cultural Activities (BCA)
- d. Board for Students Welfare (BSW)

- e. Board for Students Publications (BSP)
- f. Board for Professional Activities (BPA)
- g. Inter-hostel Disciplinary Committee
- h. Inter-hostel Network Affairs Committee
- i. Inter-hostel Finance and Audit Committee

2. The Council (SAC) ensures involvement of the students of the University in the matters considered relevant to their holistic personality growth and professional development through various activities, not related to their academic programs. The SAC provides a policy making platform for the students with the support of University faculty and authorities.

3. Board for Hostel Management (BHM) is a constituent body of the SAC and is responsible for policy formation, co-ordination and review of all matters relating to the overall management of the hostels. The Board is subjected to all decisions, rules and regulations which may be laid down from time to time by the SAC and the authorities of the University. The Board has its own sub-committees and cells as considered desirable from time to time.

4. Board for Sports Activities (BSA) is a constituent body of the SAC and is responsible for policy formation, co-ordination and review of all matters relating to the sports activities of the University. It ensures that adequate facilities are given to the students for games and sports. BSA provides a forum to the students to discuss and formulate policies, budget etc and organization of sports activities in the University.

5. Board for Cultural Activities (BCA) is a constituent body of the SAC and is responsible for policy formation, co-ordination and review of all matters relating to the cultural activities of the University. It ensures that a congenial and encouraging environment is provided to the students for grooming and nurturing their talent by organizing various cultural activities through different activity clubs. The Board provides a forum for the students to discuss and formulate policies, budget etc and organization of cultural activities in the University. The Board is subjected to all decisions, rules and regulations which are laid down from time to time by the SAC and the authorities of the universities.

6. Board for Student Welfare (BSW) is a constituent body of the SAC and is responsible for policy formation, co-ordination and review of all matters relating to the students' welfare. The Board provides a forum for the students to discuss and formulate policies related to the students' welfare activities in the University.

7. The students are elected to all these bodies through an annual election process, thus every opportunity is available to all students to be a part of these units.

8. These bodies ensure the representation of all students in the overall governance of the university.

File Description	Document
Any additional information	View Document
Link for Aditional Information	View Document

5.3.3 Average number of sports and cultural activities / competitions organised at the institution level per year

Response: 5.2

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
6	5	5	5	5

File Description	Document	
Number of sports and cultural activities / competitions organised per year	View Document	

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

1. Within a small period of its existence, the alumni members of SMVDU are taking big steps to reach to the level of national and international reputation. The SMVDU Alumni include IAS, IPS, KAS, defense personnel, directors of the companies, entrepreneurs, scientists, and professionals etc. The Alumni establishment is only ten years of age in the University.

2. The University has an Alumni Affairs Committee which includes a faculty alumni representative who acts as a harbor between the alumnus and the school. The University has an internal mechanism of SMVDU Alumni Affairs Committee, which includes the faculty alumni representatives of the Schools, coordinated by a University level faculty I/c alumni affairs.

3. The alumni members of the University have an autonomous and independent association named as SMVDU Alumni Association (SMVDUAA). It is a registered body under the under Societies Registration Act, VI of 1998 (1941 A.D.), no. 1125-5 of 2018 ref. DIRC/5/J&K/1125/59 on 24th April 2018.

4. The association has the following objectives:

a. To strengthen and building lifelong bonds of kinship with the University

b. To encourage the mutual understanding and support of the members,

c. To have a platform of dialogue between the members, and the university community.

d. For the creation, the application, and dissemination of knowledge. The alumni to be crucial change agents to transform leadership.

e. To sponsor social and professional activities of the Alumni association

f. To promote communication, promote fundraising within the association for social and community development.

5. The SMVDU alumni association is a platform for the pass out students where they can look back and return the best to the society. They can experiment/innovate with the help of students and faculty on the campus.

6. The association is open to all the students who have obtained degree/diploma/certificate from Shri Mata Vaishno Devi University, Katra, J&K. The membership is divided into an Executive Committee, and General Body dealing with appropriate issues pertaining to alumni and associate interest of the University. The regular graduate and postgraduate of Shri Mata Vaishno Devi University will have the right to vote in the meetings. The association has defined rules and regulations. the SMVDU Alumni association members are charged the one-time registration fee of Rs. 1,000/- only. The accumulated fund of the alumni is maintained as a separate head in the University accounts.

7. The Alumni Affairs Committee of the University has been instrumental in ensuring that the alumni of the university are in touch with the university schools. The Alumni Affairs Committee has ensured the following:

a. Inviting alumni for guiding and helping students in their training, placements etc.

b. Organize Alumni meet on a regular basis so that the alumni maintain a connect with the university

c. Recognize the achievements of the alumni, especially in cases where they make efforts to help the university in placement of students

d. Seek feedback on curricula, university policies, vision mission etc. from time to time.

File Description	Document
Link for Additional Information	View Document

5.4.2 Alumni contribution during the last five years (INR in Lakhs) ? 100 Lakhs

50 Lakhs -100 Lakhs

20 Lakhs -50 Lakhs

5 Lakhs -20 Lakhs

Response: <5 Lakhs

File Description	Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 5

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	1	1

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the University

Response:

1. The university started its first Academic Session in 2004-05 with two programs, 53 students, 03 faculty members, one academic building and a small staff who started functioning from make-shift offices, in the remote location of Kakryal. Inauguration of the university at the hands of the then Hon'ble President of India Dr. A.P.J Abdul Kalam, who also delivered the first lecture to the students, was an inspiring event for the university.

2. In a short span of 14 years:

a. The university has more than 1600 students on its rolls, 115 faculty members with an alumni strength of 3500+ who are contributing to the growth of the society and the country.

b. The university is now ranked among the Top 100 Engineering Institutions and among Top 150 Universities in the country as per NIRF 2018, MHRD, Govt. of India, and is also included in Times World University Ranking List.

c. The university currently has more than 200 Ph.D. students on its rolls and attracts students from 23 states of the country while attracting faculty members from 13 states of the country.

d. The university has functional MoUs with Institutions of eminence in India & abroad

e. University has established benchmarks higher than the minimum standards prescribed by various regulatory bodies

f. The university today is a full-fledged township with 1.84 lac sq.m. of constructed area with more than 2500 people staying on the campus, having the infrastructure and facilities compared to best institutions in India and has been visited by luminaires like the Prime Minister Dr. Manmohan Singh (2008), Chairman Infosys Sh. N.R. Narayanamurthy (2009), President Smt. Pratibha Devisingh Patil (2011), Vice President Sh. Hamin Ansari (2014), Prime Minister Narendra Modi (2016) & President Ramnath Kovind (2018).

g. The fourteen-year-old university now proudly stands amongst the top-notch institutes of national and international repute. Following the path paved by Dr. Kalam was not simple, but SMVDU achieved it through its effective leadership which has always been in tune with the vision and mission of the university.

3. There is no magic spell, if we look back, and ponder upon how this relatively young university has achieved so much in such a short passage of time. The answer lies in the good governance of Shri Mata Vaishno Devi University which is guided by its vision and mission, and its effective leadership through which the employees stay tuned to the guiding principles. No wonder that an effective leadership has

transformed a concrete structure, i.e. SMVDU into a living being where through good governance its progress and development is tapped. Now, SMVDU is an exemplar for other younger institutes which are aspiring to achieve success.

File Description	Document
Link for Additional Information	View Document

6.1.2 The institution practices decentralization and participative management

Response:

1. The University structure defines the Schools to be independent administratively under the control of the Head of School. The budget of each school is defined for the financial year and the School Purchase committees perform the purchase accordingly. Similarly the Head of School is free to take administrative decisions for smooth conduct of academic and research work.

2. HoDs are also supported by the Academic Affair Committee and Board of Studies of their respective schools regarding academic issues.

3. University administration does not intervene in the internal affairs of the Schools. However, for policy and strategic matters of utmost importance the concerning Schools can refer these policy matter for discussion and decisions to higher bodies such as BARC and Academic Council etc.

4. The decisions pertaining to research projects and Ph.D. are monitored by the School Research Committee and most of the recommendations require approval of the Dean of concerned faculty.

5. Admissions are also handled by the admission committees constituted for the concerned Programs/Schools who function independently in keeping with the defined schedule and rules and regulations.

6. Similarly, the administrative functional units/sections are headed by the concerned Section Heads and have mechanism for participative management.

7. Being a residential system, the faculty members besides teaching & research are a part of the advisory committees of all functional units and are in-charge of many facilities

8. Quality Circles are formed in each school and each functional unit/section and the meetings of such units are open to every student/faculty./staff member of the university to have complete transparency and participation.

9. Meetings of the Board of Academics, Research & Consultancy, meetings of HoDs and Deans, Meetings of Section Heads, Meetings of Wardens, Meetings of Student faculty Committees, Meetings of Mentors and mentees are held regularly to ensure that inputs from all stakeholders of the university are considered at time of decision making.

10. Students, through the Student Affair Council, Quality Circles, Mentor-Mentee meets, student-Faculty Meetings, Alumni Meets and similar other mechanisms are a major participatory chunk in the decision making process.

File Description	Document
Link for Additional Information	View Document

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

- 1.Perspective / Strategic Plan for the next five years has been formulated for overall growth and holistic development of SMVD University and was fine-tuned during past years. The focus of the perspective plan is to put in place a strategy such the university is able to place itself better among its peer institutions in the country and is able to reach the target of being an eminent academic institution in the country.
- 2. The perspective plan covers multiple aspects of the growth of the university including the academic perspective, research perspective, quality perspective, outreach perspective, National & International Ranking perspective, regulatory norms perspective, benchmarks perspective, diversity perspective, infrastructural perspective & financial perspective.
- 3. An academic audit was also conducted by a team consisting of highly eminent team of external experts who made recommendations which were used to refine the Perspective plan and based on which an Action Plan was also prepared for its successful implementation in relevant phases. Some of the features (aspects considered) of Perspective Plan are mentioned hereunder;
- 4.a. Inculcation of "Preserving the integrity and Sanctity of Human values"
 - b. Freezing academic Structure of the University
 - c. Overcoming shortage of Academic Spaces (Classrooms, faculty cabins etc.)
 - d. Completing Faculty & Staff Quarters Requirements
 - e. Augmentation of Guest House Facility
 - f. Construction of Accommodation for Married Students
 - g. Creation of Central Research Facility & Tinkering Lab
 - h. Creation of Central Community Space

- i. Implementation of Environmental Friendly Technologies
- j. Enhancement of diversity among students by admitting foreign students
- k. Regularly Updating and Amending the Curriculum
- 1. Implementation of Student Centric Outcome Based Education in all Schools
- m. Adopting Modern Pedagogy for Effective Teaching-Learning Process
- n. Enhancing Quality of Projects/Dissertation at Undergraduate & Postgraduate Level
- o. Rejuvenating the faculty members
- p. Research & Development in the University
- q. More Effective Evaluation Process
- r. Ensuring Higher Success Rate of Students in GATE/NET Exams
- s. Improving Quality & Diversity of Intake
- t. Improving Outreach to Industry & Government
- u. Stake holder participation towards improvement of quality
- v. Promotion of Entrepreneurship
- w. Contribution to Society & Commitment to National Objectives
- x. Continuous Improvement of Performance and Processes
- y. Growth and expansion of Schools by introducing new programs.

6.2.2 Organizational structure of the University including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

1. The authorities of the University are Shri Mata Vaishno Devi Shrine Board, the Executive Council, the Academic Council, the School of Studies, the Finance Committee and such other authorities as may be declared by the Statutes to be authorities of the University. The Executive Council is the executive body of the University and its constitution and the terms of the office of its members, other than ex-officio members are prescribed by the Statutes. It looks after and is responsible for the general management and

administration (including the revenue and property) of the University.

2. The Academic Council is the academic body of the University, and its constitution and the terms of office of its members, other than ex-officio members, shall be prescribed by the Statutes. The Academic Council, subject to the provisions of this Act, the Statutes and the Ordinances has the control and general regulation and is responsible for the maintenance of standards of instruction, education and examination within the University and exercises such other powers and perform such other duties as may be conferred or imposed upon it by the Statutes. The Board of Academic Research & consultancy helps the Academic Council in maintaining the academic quality standards.

3. Subject to the provisions of SMVD University Act and the Statutes, the Ordinances provide for all or any of the following matters, namely; the admission of the students, the courses of study and the fee therefor, the qualifications pertaining to degrees, diplomas, certificates and other academic distinctions, the conditions for grant of Fellowships, Awards etc. The authorities of the University make the Regulations for the conduct of their own business and that of the Committees appointed by them and not provided for by the Act, the Statutes or the Ordinances in the manner prescribed by the Statutes. The annual report of the University is prepared under the direction of the Executive Council and submitted to Shri Mata Vaishno Devi Shrine Board on or before such date as is prescribed by the Statutes and is considered by the Shrine Board at its budget meeting.

4. Executive Council has the power to appoint Professors, Associate Professors, Assistant Professors, Lecturers and other members of the teaching staff as may be necessary, on the recommendation of the Selection Committees constituted for the purpose, and to provide for filling temporary vacancies therein, provided that no appointment of the rank of Assistant Professor and above is made without the prior approval of the Chancellor. There shall be Selection Committees for making recommendations to the Executive Council for appointment to the posts of Professor, Associate Professor, Assistant Professor, Lecturer, Registrar, Finance Officer and Librarian.

5. The Finance Committee & the Building & Works committee are the other two statutory bodies which address the finance and construction related issues of the university.

6. The document of Statues, Ordinances and Regulations 2018 may please be referred for more details.

File Description	Document
Link to Organogram of the University webpage	View Document
Link for Additional Information	View Document

6.2.3 Implementation of e-governance in areas of operation

- **1. Planning and Development**
- 2. Administration
- **3.**Finance and Accounts
- 4. Student Admission and Support
- 5. Examination
All 5 of the above

Any 4 of the above

Any 3 of the above

Any 2 of the above

Response: All 5 of the above

File Description	Document
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

Following are the major bodies/cells/committees responsible for effective functioning of SMVD University.

- Executive Council
- Academic Council
- Board of Academic Research and Consultancy
- Finance Committee
- Building Works Committee
- Administrative Affairs Committee
- Board of Studies at School level
- Academic Affairs Committee at School Level
- Directorate of Quality Assurance (DQA previously IQAC)
- 1. Regular meetings, based on a yearly calendar, are held for all these bodies and the Minutes of Meetings are duly prepared. Depending upon the body, decisions/resolutions and recommendations are made regarding the relevant aspects of the university. The Minutes of Meetings are circulated among all relevant authorities for information as well as implementation.
- 2. As part of standard administrative process, actions are taken to ensure compliance of the directions issued/resolutions by the relevant bodies and the same are implemented through Circulars, Office Orders, Notification & IoCs as needed. Further, an Action Taken Report is presented at the commencement of the next meeting of the statutory body to check the compliance of the directions issued. Any non-compliance is noted and directions and strictures are issued accordingly. This process ensures that the decisions taken by these bodies are implemented on ground.
- 3. The Executive Council of the University is the highest executive body of the university and all important policy decisions are taken at the meetings of this body. With the Hon'ble Chancellor, Governor of J&K in Chair, the decisions taken at these meetings have far reaching implications for

the governance of the university and every effort is made by thus august body to steer the university towards a path of vigorous growth.

- 4. A perusal of the Minutes of Meetings of all the statutory bodies listed above clearly shows that the decisions taken at each of the Meetings is highly relevant, positive and oriented towards the benefit of the students, employees and the university in general.
- 5. Each of these statutory bodies has addressed the specific needs of the university which has together as a collective effort propelled the university to such heights.
- 6. The meteoric rise of the university in a short span of 14 years to be ranked among the Top 100 Engineering Institutions and among Top 150 Universities in the country as per NIRF 2018, MHRD, Govt. of India, and its inclusion in Times World University Ranking List, can be traced to the resolutions, and their effective and disciplined implementation and monitoring of same, in the Minutes of Meetings of all these statutory bodies.

File Description	Document
Link for Additional Information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

- 1. University has firm belief in the policy "The Employees and Faculty Members are our Greatest Assets" and extend every support and help to faculty members and employees for welfare of their families. Some of the Welfare Measures are being mentioned as hereunder;
- Adequate Leaves (Casual, Earned and Medical) leaves to staff and faculty members.
- Maternity and Paternity Leaves to all Faculty and Staff members.
- Well-furnished accommodation on campus as well as well-equipped office stations.
- Provision of all types of leave as per UGC norms
- Creation of infrastructural facilities
- Professional Development Assistance to all faculty members.
- Career Advancement Scheme as per regulatory bodies norms for the faculty
- Clear defined Promotion Policy for Staff
- University Bus for daily commuters on monthly nominal charges.
- Annual and Special Increments for Outstanding Performers.
- On Campus Sports and Gymnasium / Health Facilities for all.
- On Campus Medical Aid Center.
- Landline Telephone installed in residences with nominal charges.
- Providing of University Vehicle (need based) on fuel charges basis only.
- EPF, Medical Reimbursement, Group Insurance, etc., are provided.
- The University has two banks, one post office, a gas agency, DPS School and a telephone exchange on the campus.
- The faculty & staff members are given 25% discount in fee by DPS School-SMVDU, on admission of their wards.

- Faculty Members and Staff who wish to pursue higher studies in the University are provided rebate in tuition Fee.
- Salary transfer to bank accounts without delays.
- Loan facility is also available from Employee's PF Share.
- The University has recently facilitated the employees in entering into a group medi-claim policy of J & K State Government.

File Description	Document
Link for Additional Information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years

Response: 38.86

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
21	104	49	24	14

File Description	Document	
Details of teachers provided with financial support to attend conferences, workshops etc during the last five years	View Document	

6.3.3 Average number of professional development / administrative training programs organized by the University for teaching and non teaching staff during the last five years

Response: 21.2

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

2017-18 2	2016-17	2015-16	2014-15	2013-14
25 4	47	29	5	0

File Description	Document
Details of professional development / administrative training programs organized by the University for teaching and non teaching staff	<u>View Document</u>

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

Response: 46.92

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
90	31	51	42	44

File Description	Document	
Details of teachers attending professional development programs during the last five years	View Document	

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

Response:

1. The Faculty members fill the self-appraisal form which is then reviewed by the concerned Head of Department & Dean. Final performance review is done by the Appraisal Committee. The performance is assessed yearly, in areas of Teaching, Research, Project/ Consultancies, Papers Published, Students guided, Extension Activities, Participation in University Management, Membership of professional Bodies, etc. Besides this students are encouraged to provide online faculty feedback every semester which is then shared with the concerned faculty members for facilitating course correction / improvement in their teaching abilities. The yearly review is discussed and communicated to the concerned faculty.

2. The confirmation and closure of probation of newly appointed faculty members is dependent upon their performance, as documented in their yearly Self-Appraisal. The Appraisal is taken very seriously, as can be observed from the fact that the probation of many new faculty members is extended if the performance is not found satisfactory.

3. Similarly Not-Teaching Employees also fill up a self-appraisal form which is assessed by the concerned Section Head. The same is then reviewed by the Appraisal Committee. Yearly appraisal is done based on a framework evolved which assess the quality and timeliness of the services being provided. The employee's performance is rated on different criteria like, Job Knowledge, Accomplishment of Objectives,

Quality of Work, Productivity, Initiative and Creativity, Inter-Personal Relations, Supervisory Skills, Dependability and Professional Contribution to the University. New Staff members whose performance based on the above criteria is adjudged as "Average" or below, their probation is not confirmed.

4. The format for obtaining the Self-Appraisal is refined with time considering the advancements and change in policies from time to time.

5. The policy of sharing the outcome of the Performance Appraisal with the concerned employee, not only motivates him/her to contribute his 100% but also, in cases of Performance being not up-to the mark, cautions them to take remedial action at the earliest so as to avoid unpleasant decisions in future.

File Description	Document	
Link for Additional Information	View Document	

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

1. University has an effective internal Control mechanism under which each document involving financial implications is duly scrutinized.

2. Finance Officer is the Secretary of the Finance Committee and exercise such powers and perform such duties as may be prescribed by the Statutes. FO ensures that the limits fixed by the Finance Committee for recurring and non-recurring expenditure for a year are not exceeded and that all moneys are expended on the purposes for which they are granted or allotted. Finance Officer keep a constant watch on the state of the cash and bank balances and on the state of investments and exercise general supervision over the funds of the University and shall advise it as regards its financial policy; and perform such other functions as may be assigned to him by the Executive Council or as may be prescribed by the Statutes or the Ordinances.

3. The payment is made only after obtaining the **sanction** of the competent authority. The Annual accounts of University are audited by independent Chartered Accountant, which is designated as Statutory Auditors of University, on annual basis.

File Description	Document
Link for Additional Information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

Response: 12403

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14	
5971	2821	1411	1600	600	
File Description	on		Document		

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

1. Main resource of the funds of the University is Student's fee receipts. Any increase in the fee structure is approved by the Executive Council.

2. In addition the University is provided Annual recurring grant by the Shri Mata Vaishno Devi Shrine Board. The Capital Expenditure of the University is funded exclusively by the Shrine Board.

3. The surplus funds are invested in appropriate security Bonds/FDRs on competitive interest rate by the investment committee of the University.

4. University encourages its faculty members to obtain Sponsored Projects, Departmental Projects and Consultancy work to enhance the mobilization of resources

5. University has invested in many centralized facilities to ensure optimal utilization of resources

6. All housekeeping, helper and security staff is outsourced to ensure no heavy drain on resources

7. Most of the purchase is done through competitive bidding to ensure procurement at best prices

8. The Finance Committee of the university, which is a statutory body, manages all the financial matters of the university. The constitution of the committee is as follows:

The Vice-Chancellor;

Three persons, nominated by the Chancellor;

Three persons, who are not employees of the University or of any recognized institution nominated by the Executive Council.

The Finance Officer is the Secretary of the Finance Committee.

Three members of the Finance Committee shall form the quorum.

The Vice-Chancellor presides at the meeting of the Finance Committee which meets at-least twice a year. The annual accounts and financial estimates of the University prepared by the Finance Officer are laid before the Finance Committee for consideration and comments and thereafter submitted to the Chancellor through the Executive Council for approval with or without amendments.

File Description	Document
Link for Additional Information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

IQAC (DQA) has taken several initiatives in past years in order to inculcate Quality Culture at SMVDU, some of these are being mentioned here under;

- 1. Initiation of updating Academic Documents (Curriculum & Syllabus) for all programs.
- 2. Formulation of Vision and Mission of all Schools.
- 3. Formulation of PEO's, PO's and CO's of all Programmes.
- 4. Implementation of Outcome Based Education.
- 5.Implementation of new Question Paper Template to facilitate evaluation / attainment of CO's & PO's.
- 6. Standardization of Forms & Formats (under progress).
- 7. Awareness about Institutional Policies / Vision-Mission / Regulations.
- 8. Collection and Analysis of Stakeholders' Feedback and initiating appropriate Corrective and Preventive measures.
- 9. Implementation of Mentor-Mentee Scheme for counselling and mentoring of all students.
- 10. Formulation of Class Committees to ensure inclusive approach in routine functioning and decision making.
- 11. Initiating Accreditation and Rating of University with appropriate bodies.
- 12. Collection and Analysis of Course wise Semester Feedback by the Students for each faculty with report collection regarding the corrective action taken by the concerned faculty members.
- 13. Collection and Evaluation of HoD's Report to evaluate Teaching Learning in various courses.
- 14. Initiation of Quality Circles in each School/Section of the university with complete transparency and openness about participation
- 15. Inculcating inclusive approach towards University Social Responsibility.
- 16. Preparation of Solid Waste Management (SWM) Policy and introduction of use of Bicycles under Green Initiatives.
- 17.Participation in Unnat Bharat Abhiyan (UBA) with objective of improving upon the Institutional Social Responsibility.
- 18. Initiation of Academic, Administrative and Green Audit.

In order to develop and monitor Quality Culture in SMVDU, Five (05) committees have been formed

while adopting an inclusive approach:

Academics Affairs Committee:

The objective of this committee oversees the highest standards of academic achievement in all courses. With significant effort from the committee On-line feedback system has been introduced in the university which makes it easier to collect and analyses feedback.

Administrative Affairs Committee:

The objective of this committee is to design, develop, assess and assure quality in the process and procedure of administrative support structure and services of University. Various forms and formats have been developed to streamline and ensure efficient handling of processes.

Engineering Affairs Committee:

The main objective of this committee is to create well – defined structure for providing the maintenance facility to all residents including faculty, staff and students of the University.

Library Affairs Committee:

The objective of this committee is to uplift the level of Library services at global standards, to build and maintain knowledge and institutional repository in the field. This committee was instrumental in implementation of -Granthalaya software in university.

Financial Affairs Committee:

The objective of this committee is to suggest ways and means for overall improvement in the functioning of finance wing in the University which has seen significant improvement in handling of PF cases, payments etc.

DQA at SMVD University is committed not only to uphold established quality parameters but uplift Standards and Quality of Education with Innovative Methods.

File Description	Document
Link for Additional Information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Response:

1. University uses multiple mechanism to obtain feedback and review the functioning of its academic processes, operations and learning outcomes.

2. A comprehensive Academic Audit was conducted for all Schools of the University by a team of Experts including Prof. D.P. Agrawal Ex-UPSC Chairman, Prof. Sandeep Sancheti Chairman Manipal Jaipur, Prof. K.L. Chopra Former Director IIT Kharagpur, Prof. Satish Kumar, and Director NIT Kurukshetra. Based on the academic audit, the committee submitted recommendations for improvement of academic processes based on which an action Plan has been approved for implementation.

3. Review of Examination Question Papers of Major Exams is done by Experts of eminent institutions like IITs, on a regular basis to obtain feedback on the quality of the question paper. It is pertinent to mention that the quality score of the Question papers has seen a consistent upward trend.

4. Student Semester Feedback is taken twice a semester and the same is shared with the faculty members. The HoDs discuss the same with the faculty members and mechanism is devised for improvement of the same. The trend is monitored continuously.

5. In order to ensure implementation of OBE and to keep a record of the course outcomes and Program Outcomes in a systematic manner, Question Paper Template has been implemented with Guidelines for preparing question papers. This has had a positive impact on the quality of the question paper.

6. MOODLE Learning Management system has been implemented to have transparent record of all attendance, academic and evaluation work along with ease of sharing academic content.

7. Quality Circles in Schools, open to all stakeholders of the university are used to accept suggestions for improving the systems.

8. Student faculty Committees in the School function on a regular basis to obtain the feedback from the students regarding the conduct of academic work and based on this feedback changes are made.

9. Mentor mentee concept has been introduced in which there is a constant interaction between the faculty and students. One faculty member is assigned to a group of 5-6 students facilitate and counsel them on their academic and career concerns.

File Description	Document
Link for Additional Information	View Document

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 2.6

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
6	7	0	0	0

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document
IQAC link	View Document

6.5.4 Quality assurance initiatives of the instit	ution include
с с .	Assurance Cell (IQAC); timely submission of Annual NAAC; Feedback collected, analysed and used for
2. Academic Administrative Audit (AAA)) and initiation of follow up action
3. Participation in NIRF	
4.ISO Certification	
5.NBA or any other quality audit	
Any 4 of the above	
Any 3 of the above	
Any 2 of the above	
Any 1 of the above	
Response: Any 4 of the above	
File Description	Document
Details of Quality assurance initiatives of the institution	View Document
Annual reports of University	View Document

6.5.5 Incremental improvements made during the preceding five years *(in case of first cycle)* Post accreditation quality initiatives *(second and subsequent cycles)*

Response:

Incremental improvements under multiple spheres of working of the university are listed as below:

1. University was ranked among the Top 100 Engineering Institution by NIRF 2018 of MHRD, GoI & Top 150 universities in the country by NIRF 2017 & NIRF 2018.

- 2. MBA program of the University was accredited by NBA in 2017.
- 3. University was selected under the World Bank Assisted TEQIP-III project of MHRD in 2017.

4. University was included as a participating institution in the Nation Wide CCMT & DASA Schemes of MHRD, GoI in 2018.

5. University established DST Supported TBIC thus opening opportunities for students to transform their innovative ideas into start-ups. Currently, the TBIC houses 18 start-ups.

6. University has established benchmarks for its faculty members and Schools to ensure higher standards of conduct of academic work and related activities

7. University enhanced the standards for award of degree of Ph.D. making it mandatory to publish in SCI indexed / IEEE / Harvard Business journals

8. Professional Development Assistance was initiated for promotion of research and seed-grant for faculty members which has resulted in significant improvement in the number of faculty members visiting international conferences and publication in High Quality Journals like IEEE & Nature.

9. The university has seen a significant increase in the number of students which rose from 1399 in 2013 to 1675+ currently. Particularly, the number of Ph.D. students has increased from 97 in 2013 to 189 currently.

10. The number of faculty members has increased from 96 in 2013 to 121 in 2017.

11. The number of students awarded the degree increased from 1472 in 2012 from 2013 to 3579 in 2018 with 3 Honoris Causa while the number of companies visiting for campus placement increased significantly thus providing these students better opportunity for placements.

12. University introduced the Summer Semester from Session 2014-15 which has proven very popular among the students

13. The number of students getting scholarship from the university increased by 300% with an amount of Rs. 1.68 Crore being disbursed in last five years. Scholarships were also added for students obtaining high ranks in JEE Main /CAT/CMAT/MAT. The

14. The infrastructure of the university has increased significantly with addition of capacity in Boy's (450) & Girl's Hostels (550), upgradation of Medical Centre, enhancement of Guest House facility, enhancement of accommodation facility for faculty and staff members and a host of green initiatives.

15. The School of E&CE was able to obtain it's first chair entitled "Bharti Ariyaa Chair in Wireless Communication" instituted by Bharti Airtel in 2018

16. The number of laboratories, particularly the labs established in collaboration with Industry increased with addition of labs in collaboration with $Intel^{TM}$, Jio^{TM} & AdobeTM.

17. University obtained its first set of Sponsored Projects with international collaboration including Cambridge University under UKIERI Scheme.

18. A large valued and prestigious consultancy for Jambu Zoo was obtained by a joint team of faculty members from School of Physics & School of architecture.

File Description	Document
Link for Additional Information	View Document



Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 10

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	2	3	3	1

File Description	Document
List of gender equity promotion programs organized by the institution	View Document

7.1.2 Institution shows gender sensitivity in providing facilities such as

- a) Safety and Security
- b) Counselling
- c) Common Room

Response:

- 1. Due importance is given to promoting gender sensitivity among the faculty, staff and students. Gender Sensitization Committee Against Sexual Harassment (GSCASH) of the university takes all necessary steps to promote gender sensitivity and parity and is open to listen to grievances of all segments of the University.
- 2. The committee organizes multiple activities including inviting prominent guest speakers to sensitize everyone regarding the importance of dealing with the fair gender.
- 3. The committee also deals with any complaints that come to it and handle them in a fair and discreet manner providing full support to the fair gender.
- 4. Dedicated security personnel are deployed by the university at all strategic points in the university including Hostels, Academic Block, Common areas, Residential area, Guest House to ensure safety of all members and are particularly trained to monitor and help the female members at any time
- 5. Lady security members are deployed in all Girl's Hostels, Main Academic Areas and the Main gate to ensure that all female members are handled sensitively and with care.
- 6. Priority is given to female members while allotment of accommodation, in case of any emergent issues.
- 7. HoDs are also conscious and take care in assigning duties to lady members in case the same may extend to late hours or on holidays
- 8. Lady Counselors have been appointed by the University to counsel troubled members who may

need some help in dealing in a polite and sensitive manner with the members of the opposite gender. This has proven very helpful in normalizing relations in many instances.

- 9. CCTVs are deployed at all strategic locations to monitor the safety of all residents
- 10. University conducted a gender audit in March 2016 with help of faculty members of School of Business. Some of the findings are listed below;
- All faculty and staff members showed a positive perspective on dealing with cases/issues of harassment and discipline at SMVDU.
- The audit indicated agreeableness of faculty and staff members with respect to receiving equal opportunities for professional development.
- Both faculty and staff members have not admitted to adequacy of child care facilities in the University.
- With respect to work-life balance, both faculty and staff members have suggested that there should be flexi-timings.

File Description	Document
Link for Additional Information	View Document

7.1.3 Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 80.57

7.1.3.1 Annual power requirement met by renewable energy sources (in KWH)

Response: 900

7.1.3.2 Total annual power requirement (in KWH)

Response: 1117

File Description	Document
Details of power requirement of the university met by renewable energy sources	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 44.44

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 80

7.1.4.2 Annual lighting power requirement (in KWH)

Response:	180
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File Description	Document
Details of lighting power requirements met through LED bulbs	View Document

7.1.5 Waste Management steps including:

- Solid waste management
- Liquid waste management
- E-waste management

Response:

1. Solid waste is collected and segregated in two separate bins as dry & wet waste. Dust Bins are installed at appropriate locations across campus and waste is regularly collected for further disposal in an appropriate / environmental friendly manner.

2. Biodegradable organic waste from hostel kitchens is collected and sent for natural decomposing.

3. Liquid waste from kitchens, toilets, sent into Sewerage Treatment Plant (STP) and recycled water is used for watering plants.

4. At the end-of computers useful life, they are collected from different locations of the campus by designated staff. Computers in good working condition are distributed among underprivileged children of surrounding villages. The computers are sometimes repaired and some are likely not repaired due to the level of damage. The irreparable are inspected by the authorities and decision about write- off is taken. Further e waste is disposed through contractors or vendors for reuse / recycling purpose.

5. Awareness drive is initiated for all to handle the waste in line with established practices.

File Description	Document
Link for Additional Information	View Document

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

1. SMVD University has facilitated rainwater harvesting system (RWH) in the campus. Rain water collected from roof top of the buildings (Basohli Hostel) is sent to storage tank. After the tank is full, the overflow water is sent to recharge pit which improves ground water level. RWH system provides sources of water and reduces dependence on the wells and other sources which is cost effective.

2. One Check Dam is also constructed to collect rain water for further distribution and use. The water from storage tank is used for gardening, floor cleaning and other external uses. To prevent the wastage of water, recycling plant is being established, which shall recycles the water collected from toilets and kitchens. The recycled water shall be used for irrigation purposes in the campus. All the lawns and sports fields are equipped with sprinkler system to reduce water wastage & less consumption of electricity for regular watering.

File Description	Document	
Link for Additional Information	View Document	

7.1.7 Green Practices

- Students, staff using
- a) Bicycles
- b) Public Transport
- c) Pedestrian friendly roads
- Plastic-free campus
- Paperless office
- Green landscaping with trees and plants

Response:

Following initiatives are taken in order to maintain a Clean and Green campus;

1. Bicycles & Pedestrian Friendly Roads:

University has taken initiative to make campus Pedestrian friendly and by allowing bicycles only for student's commuting within the campus. Bicycles have been procured in Boys and Girls Hostels. Pedestrian Pathways have been built either side of roads within campus at appropriate locations.

2. Public Transportation:

SMVDU encourages use of University Bus / Pool Vehicle for Staff and Faculty to commute.

3. Energy conservation:

Use of LED lamps in new lighting fixtures and phase wise replacement of burnt over lamps with LED fixtures is under progress. Solar powered lamps are in use for street lighting. Recently 900 KW Solar Power Plant (Roof Mounted) has been installed at Rooftop of various buildings to generate Renewable / Green Energy.

4. Water harvesting:

Retaining storm water in shallow areas of campus by check dam. One check Dam is under construction.

5. Plantation:

Extensive plantation has been done to beautify the campus and to address environmental issues. University also conducts plantation workshops under NSS scheme. Some of the faculty members are also contributing in Greening of Campus by their personal efforts.

6. Plastic Free Campus:

SMVDU is committed to protect the environment and has initiated Plastic Free Movement. Necessary notification has been issued and use of plastic disposable crockery and plastic bags has been banned within campus.

File Description	Document	
Any additional information	View Document	
Link for Additional Information	View Document	

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 0.38

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component yearwise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14	
96.39	17.5	8.32	2.71	5.06	

File Description	Document
Details of expenditure on green initiatives and waste management during the last five years	View Document

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

- **1.Physical facilities**
- 2. Provision for lift
- 3.Ramp / Rails
- 4. Braille Software/facilities
- 5.Rest Rooms
- **6.Scribes for examination**
- 7. Special skill development for differently abled students
- 8. Any other similar facility (Specify)

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

Response: B. At least 6 of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document
link to photos and videos of facilities for Divyangjan	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 20

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
6	4	4	3	3

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 20

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
б	4	4	3	3

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

File Description	Document
Any additional information	View Document
URL to Handbook on code of conduct for students and teachers, manuals and brochures on human values and professional ethics	View Document

7.1.13 Display of core values in the institution and on its website		
Response: Yes		
File Description	Document	
Provide URL of website that displays core values	View Document	

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document

7.1.15 The institution offers a course on Human Values and professional ethics

Response: Yes	
File Description	Document
Any additional information	View Document
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: `	Yes
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File Description	Document
Provide URL of supporting documents to prove institution functions as per professional code	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 8

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	2	2	1	1

File Description	Document
List of activities conducted for promotion of universal values	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

1. Independence Day and Republic Day are celebrated every year without compromise. Guests related to Indian army, navy and air force are invited to tell the stories of patriotism and adventures by great heroes for the nation. Staff and students get to know the importance of national integrity in the country in genera and their role in it in particular.

2. All the schools / departments organize technical competitions on various occasion. Distinguished guest are invited to address the students and faculty to inspire the community to excel as engineers following the path of the great personality. Speakers bring out invaluable knowledge in the field of emerging technologies and advancements.

3. National Science Day is celebrated by organizing Poster presentations and Quiz competitions and achievers are honored with certificates. Scientists in the vicinity from the central and national organizations are invited as guests to motivate faculty and students by bringing the context of latest inventions and

research. Death anniversaries of great persons of national importance are marked by paying homage and recalling their **contribution to the nation.**

4. Inspirational Quotes are mounted on walls at appropriate locations in Hostels.

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

1. SMVD University is committed to maintaining transparency in all its procedures and has established a good governance system in order to ensure its functioning in a transparent manner.

2. An independent and fully empowered Executive Council is the apex decision making body with representation from key constituents such as government, faculty, alumni and stakeholders. Executive Council, Academic Council, Finance Committee, Building Works Committee and Central Purchase Committee ensures good governance system to create a stimulating ecosystem to facilitate officials and talented faculty and motivate them through a performance-based reward structure.

3. Admissions are Merit Based and the process is transparent with all information available on website. Campus tours are organized for students / parents / guardians before admissions.

4. Transparency is maintained in fee structure and information is available on website and withdrawal and refund policies are strictly followed as per UGC / AICTE norms.

5. The institution believes in high moral values and strong ethics. Through teaching and functioning it strives to inculcate these values in its students and faculty as well. Through courses on human values, the college emphasizes on the need for every student to be compassionate and considerate. This helps the students attain a holistic development. Use of MOODLE Learning Management Systems ensures transparent access of academic content to all students.

6. The examination system is fully transparent with the students having access to all correct answer scripts and a grievance re-addressal mechanism in place.

7. All decision making process is participatory with inputs taken from all stakeholders while deciding on policy matters.

8. Annual Accounts of the University are audited by Statutory Auditors. There are no major audits Objections in audited accounts. The audit reports along with the replies to the audit objections are placed in the Finance Committee/ Executive Council of the University for Approval.

9. Salaries of all employees are deposited in bank accounts to maintain transparency and salary slips are generated online and are accessible to all employees on the Intranet.

10. All departmental budgets are proposed by concerned authorities and reviewed fairly without any bias. Processes of Administration, Planning and Development, Purchase & Store, Admissions & Examinations,

Finance and Accounts have been automated using ERP system.

11. The purchase process at School and Central level is transparent with all codal formalities being met at all times.

12. Disciplinary processes in the university are clearly defined and are transparent in nature.

13. The PIO of the university ensures that all queries received under RTI are addressed properly and timely.

14. Students are involved in governance at all-levels on matters pertaining to them under the aegis of the Student Affairs Council and its subsidiary bodies.

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

Best Practice – 1: Professional Development Assistance (PDA)

Professional Development Assistance (PDA) has been introduced for the Faculty Members to enhance their professional academic development including providing financial support for research paper presentations or chairing sessions in National / International conferences, membership fee of Professional bodies, buying research equipment, software or books. The sanction of PDA is to the extent of Rs. 70,000/- per annum for each Faculty Member, i.e., Rs. 2.1 Lakh for a block period of three years. For being eligible for the PDA, he/she should have published at least three research papers in SCI/SCOPUS indexed Journals in the preceding three years from the date of first application in the block period of three years.

This scheme has resulted in enhancement of faculty members presenting papers from a handful in 2013 to more than 90 members in the last few years. Similarly, the number of faculty members presenting papers abroad has increased from 03 in 2013 to 51 in the last few years. The number of faculty being members of Professional bodies has increased from 02 in 2013 to 38 in last few years. Many faculty members have utilized PDA for purchase of books, and computer/desktop/scanner, hard disk, minor experimental scientific equipment

Best Practice – 2 : Students Merit-cum-Means Scholarship Program

The objective of the Scheme is to provide financial assistance to the meritorious students and students from the poor background in each class to enable them to pursue professional and technical courses while simultaneously attracting high rankers in JEE Main/MAT/CAMT/CAT to the university. As a part of the scheme top 10% meritorious students in each class, subject to obtaining minimum SGPA of 8.5 are awarded Semester tuition fee and hostel fee waiver in graded manner. Also, JEE Main rankers having AIR less than 1 Lakh rank or high percentile scorers in CAT/MAT/CMAT are eligible for tuition fee waiver up to 5 semesters in a graded manner.

Under this scheme, in the last 5 years, Rs. 1.68 Crore has been disbursed as scholarship while the number of high rankers has increased by 300% in the last five years.

Best Practice – 3 : Summer Semester

An abridged semester is scheduled in the two months of summer break which ensures the following benefits:

- 1. Continuation of academic activity during the vacation period for interested students.
- 2. Provide students an opportunity to do additional credits while providing an opportunity to those students, who are on the verge of passing out but are short by a few credits, to earn the requisite credits for degree award and not waste an additional semester.
- 3. Providing students an opportunity to retake the classes for backlog courses during the vacation period and clear the same so that their academic workload is not excessive during normal semester.

The success of the scheme can be judged by the fact that 117 students were able to complete their degree in time while 545 backlog courses were cleared by students in the summer semesters.

File Description	Document	
Link for Additional Information	View Document	

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

1. Vision of the University is articulated as "Establishment of a Scientific & Technical University of Excellence to nurture young talented human resource for the service of Indian Society & World at large preserving the integrity and sanctity of human values" while the mission of the University is articulated as "Pursuit of Education, Scholarship and Research and its application to the Society at highest International levels of excellence."

2. SMVDU recognizes that Research is it's raison d'etre and therefore a substantial part of the University infrastructure is focused on research and publication.

3. University has established research labs with initial funding from bodies like DST, UGC which have been subsequently augmented with the university's own funds and by funds obtained through the Sponsored Research Projects. Prominent among these are the Bioinformatics Lab, CEINC Lab, Energy Lab & Microsystems Lab.

4. University has also established labs in collaboration with industry with prominent names as Intel 5G & IoT Lab, Adobe Experience Manager, SMVDU Freescale systems Lab, EMC2 Lab and Xilinx Lab. Very good quality projects and publications have resulted from the work done in these labs.

5. University has also established research labs with its own funds which include prominent labs like Mass Array Lab, Antenna Lab, Nanotechnology Lab, CIMS Lab, Management Lab, Tissue Culture Lab etc.

6. University has also established standards higher than the minimum standards as specified by UGC for award of Ph.D. degree making it mandatory for publishing in SCI Indexed / IEEE / Harvard Business Review journals for being eligible for award of degree. This has had a significant impact on the quality of publications and the resultant Ph.D.

7. The university, in a short span of 14 years has produced 62 Ph.D.s while 189 students are enrolled currently out of which 69 are receiving Assistantship.

8. Within the same period the faculty members and Schools of the University have been able to obtain Sponsored Projects from bodies like DST, UGC, AICTE, ISRO, DRDO, ICSSR, TEQIP-III etc worth Rs.17.91 Crore.

9. Faculty members and Ph.D. students are focused on high-end research work in various fields of Science, Engineering, and Management & Humanities and have published about 900+ papers in various Journals, primarily at International level, in the last five years. Among these, 400+ Journals are indexed in SCI/ESCI/Scopus.

10. Faculty members are publishing in High Impact Factor Journals indexed in SCI / IEEE and Nature with very large citations. Once of the papers in IEEE was the most downloaded papers from IEEE explore for 4 continuous months.

11. Currently, 73% of the faculty members are Ph.D.s while all others are enrolled for and are at various stages of their Ph.D. work. It is expected that all faculty members will be Ph.D.s by 2022.

12. Apart from Doctorate, PG & UG students are also encouraged and given opportunity to get involved in research efforts with Dissertation in all PG Programs.

File Description	Document
Link for Additional Information	View Document

5. CONCLUSION

Additional Information :

Research is actively pursued by Faculty members and Research Scholars in each School of Study. Each School has identified a set of Research area in which the research work is carried. Most of the schools are equipped with Research Labs.

The schools are focusing on innovative and interdisciplinary training and capacity building skill enhancement and consultancy with the prime objective of contributing meaningfully to the development & economic upliftment of the surrounding populace in general and the region in particular by exposing them to the various job/self-employment opportunities available. Schools are trying to build the competence of young students of nearby local areas so as to build the required critical human resource pool for strengthening and expanding science and technology system in R&D base.

The students at SMVDU experience a remarkable & refreshingly different teaching-learning process which goes beyond the mundane and has been pioneered at the IITs for many decades. Realizing that the IIT system of teaching & evaluation has stood the test of time; SMVDU has very consciously adopted the IIT system of Teaching & Evaluation.

Academic Flexibility, Focus on Hands-on Learning, Varied Pedagogy, Mandatory Industrial Interface & Transparent Continuous Evaluation System are the hallmarks of the Academic Process at SMVDU. Extensive usage of varied contemporary pedagogy like Multi-media teaching aids, including Digital Light Projectors, Overhead Projectors, Net Enabled Labs, Video Conferencing, Cut Section Models, Simulation & Analysis Software, Colloquiums, Seminar, Field Trips, Mini & Major Projects enrich the teaching-learning process.

Concluding Remarks :

We at SMVD University believe in nurturing individual creativity and talent. SMVDU students are encouraged to break the mould and go beyond their disciplines, inter-disciplinary courses are highly encouraged. Students are provided the flexibility to go beyond the traditional course requirements and choose courses based on their interest and career choice. At SMVDU, you will see a B.Tech student choosing courses on Philosophy & Morals or Languages even in the final year. At SMVDU we believe that every student needs to garner knowledge in multiple spheres which will give him an edge in the tough and competitive arena of life. Open & Core Electives are offered to students to make choices based on their interest.

The focus is to provide excellent education to the students through undergraduate and postgraduate programs so as to create finest professionals and human beings. While striving to maintain high standards of education and best practices, the University has been making efforts to create appropriate avenues for encouraging the stakeholders to work for academic excellence and all-round personality development. Faculty and staff of the University are considerate and provide good support to students. The University provides safe harmonious and pious academic environment for the meritorious students. The campus provides an ideal atmosphere for healthy interactions and competition among students and access to faculty and professionals from corporate world and other leading institutes. We are committed to facilitate students to develop their personalities holistically, simultaneously preparing them for the competitive world.



6.ANNEXURE

1.Metrics Level Deviations

1.2.1		ge of new	d Answers l v Courses in				of courses across all Programs offered	
	during la							
		ist five ye	ears				-	
	1.2.1.	1. How n	nany new co	ourses are i	ntroduced v	vithin the la	ast five years	
	An	nswer bef	fore DVV V	rification	: 221			
			er DVV Ver					
				•	•	tion across	all programs during the last five years	
			ore DVV V					
	An	nswer afte	er DVV Ver	rification: 6	39			
	D	1 4						
	Rema	irk : As p	er supportir	ıg.				
2.1.2	Demand	Ratio(Ax	verage of la	st five vear	e)			
2.1.2	Demana	Ratio(11)	verage of la	st nve year	3)			
	2.1.2.	1. Numb	er of seats a	vailable ve	ar-wise dur	ing the last	five years	
			fore DVV V	-		0		
		017-18	2016-17	2015-16	2014-15	2013-14]	
		017-10	2010-17	2013-10	2014-15	2013-14	-	
	60	08	685	599	590	499	to duct the she was the she was the state of the	
]	
	An	nswer Aft	ter DVV Ve	erification :				
					2014 15	2013-14	7	
	20	017-18	2016-17	2015-16	2014-15	2013-14		
	60	08	685	649	640	499		
]	
	Rema	rk · As n	er the suppo	orting docu	ment attach	ed		
	Reina	un . 115 p	er the suppo	oning doed	ment attach	cu.		
2.4.4	Percenta	ge of full	time teach	ers who rec	eived award	ls. recognit	ion, fellowships at State, National,	
	Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years							
				,	U	c	2	
	2.4.4.	1. Numbe	er of full tir	ne teachers	receiving a	wards from	state /national /international level	
	from Gov	vernment	t recognised	l bodies yea	r-wise duri	ng the last f	five years	
	An	nswer bef	ore DVV V	erification:			_	
	20	017-18	2016-17	2015-16	2014-15	2013-14		
							-	
	4		3	7	4	4		
							-	
	An	nswer Aft	ter DVV Ve	erification :			_	
	20	017-18	2016-17	2015-16	2014-15	2013-14		
	4		5	10	11	8		

	Average pass per	centage of s	Students			
	Answer be appeared for the Answer be	fore DVV V examination fore DVV V	/erification	: 454 2. by the insti : 466	6.3.2. Total	examination conducted by Institution number of final year students who
3.1.4	Number of JRFs, university enrolle				earch Assoc	ciates, other research fellows in the
	research fellows	in the unive		ed year-wise		Research Associates and other last five years
	2017-18	2016-17	2015-16	2014-15	2013-14	
	34	22	9	11	13	
	Answer At	ter DVV V	erification :			
	2017-18	2016-17	2015-16	2014-15	2013-14	
	33	22	9	11	11	
3.1.6			H HOO S			DBT, ICSSR and other similar
	similar recognition Answer be	on by gover fore DVV V	•	cy : 9	SAP, CAS,	DST-FIST ,DBT,ICSSR and other
	Remark : As j	per supporti	ng			
3.4.3	Number of Paten	ts published	l/awarded d	uring the la	st five years	3
			Patents pub /erification:		ded year-w	ise during the last five years
	2017-18	2016-17	2015-16	2014-15	2013-14	
	1	1	1	1	1	
	1					
		ter DVV V	erification :			-
		Eter DVV V 2016-17	erification : 2015-16	2014-15	2013-14]

3.4.4	Numb	er of Ph.D	.s awarded	per teacher	during the l	ast five vea
				-	-	-
			nany Ph.Ds fore DVV V		ed within las : 47	st 5 years
		Answer aft	er DVV Ve	rification: 4	7	
			er of teache fore DVV V	-	ed as guide: : 72	s during the
3.4.5	Numb years	er of resear	ch papers p	er teacher i	n the Journa	als notified
	years				n the Journa	ls notified
			fore DVV V			
		2017-18	2016-17	2015-16	2014-15	2013-14
		338	199	192	179	112
		Answer Af	ter DVV Vo	erification :		
		2017-18	2016-17	2015-16	2014-15	2013-14
		139	199	199	192	291
3.4.6	Numb	er of books	-	rs in edited	volumes / t edings per te	-
	nation	al/internation		ence-procee	hapters in e dings year-	
		2017-18	2016-17	2015-16	2014-15	2013-14
		60	132	89	74	56
		Answer Af	ter DVV Ve	erification :		
		2017-18	2016-17	2015-16	2014-15	2013-14
		129	85	51	12	19
				a roport pr	ovided by F	IEI
	Re	mark : As p	er supporti	ing report pr	ovided by I	1121.

		[Verification		2012 14			
		2017-18	2016-17	2015-16	2014-15	2013-14			
		61	1.59	112.29	6.95	0			
		Answer Af	ter DVV V	erification :	_				
		2017-18	2016-17	2015-16	2014-15	2013-14			
		48.45	1.59	112.29	0	6.94			
	sharin 3.7	g of researd 7.2.1. Numb aining, resea	ch facilities per of linkag arch, etc ye fore DVV V	titutions/inc etc. during ges for facul ar-wise duri /erification	the last five ty exchange ng the last	e years e, student e			
		2017-18	2016-17	2015-16	2014-15	2013-14			
		38	36	33	27	18			
		Answer After DVV Verification :							
		2017-18	2016-17	2015-16	2014-15	2013-14			
		38	36	33	27	18			
			onal MoUs	with institu					
3.7.3	Institu ongoin 3.7 univer	itions, Indung activities .3.1. Numb rsities, indu	stries, corpoing activitie		with institu s etc. year-v sidered)	tions of na			
3.7.3	Institu ongoin 3.7 univer	itions, Indung activities .3.1. Numb rsities, indu	s to be cons per of functi stries, corpo ing activitie	idered) onal MoUs orate houses os to be cons	with institu s etc. year-v sidered)	tions of na			
3.7.3	Institu ongoin 3.7 univer	itions, Indu ng activities 7.3.1. Numb rsities, indu s with ongo Answer be	s to be cons per of functi stries, corpo ing activitie fore DVV V	idered) onal MoUs orate houses to be cons Verification	with institu s etc. year-v sidered)	tions of na vise during			
3.7.3	Institu ongoin 3.7 univer MoUs	1tions, Indu ng activities 7.3.1. Numb rsities, indu s with ongo Answer be 2017-18 6	s to be cons per of functi stries, corpo ing activitie fore DVV V 2016-17 4	idered) onal MoUs orate houses to be cons /erification 2015-16	with institus etc. year-v sidered) 2014-15	tions of na vise during 2013-14			
3.7.3	Institu ongoin 3.7 univer MoUs	1tions, Indu ng activities 7.3.1. Numb rsities, indu s with ongo Answer be 2017-18 6	s to be cons per of functi stries, corpo ing activitie fore DVV V 2016-17 4	idered) onal MoUs orate houses to be cons verification 2015-16 3	with institus etc. year-v sidered) 2014-15	tions of na vise during 2013-14			
3.7.3	Institu ongoin 3.7 univer MoUs	1tions, Indu ng activities 7.3.1. Numb rsities, indu s with ongo Answer be 2017-18 6 Answer Af	s to be cons ber of functi stries, corpo ing activitie fore DVV V 2016-17 4	idered) onal MoUs orate houses to be consected verification 2015-16 3 erification :	with institu s etc. year-v sidered) 2014-15 4	tions of na vise during 2013-14 5			

4.2.4.1. Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

		Answer be	fore DVV V	/erification:	:	
		2017-18	2016-17	2015-16	2014-15	2013-14
		31.3	22.6	20.8	5.8	63.4
		Answer Af	ter DVV Ve	erification :		
		2017-18	2016-17	2015-16	2014-15	2013-14
		2.4	2.2	1.2	5.8	5.7
	Re	emark : Sup	porting doci	ument provi	ide by HEI	does not ma
	Aver	age percenta	ige of place	ment of out	going stude	nts during t
	5.	2.1.1. Numb	-	-		r-wise durir
		Answer be 2017-18	fore DVV V 2016-17	2015-16	2014-15	2013-14
		139	121	164	148	85
		139	121	104	140	0.5
		Answer Af	ter DVV Ve	erification :		
		2017-18	2016-17	2015-16	2014-15	2013-14
		132	95	144	96	76
3	Aver	age percenta	age of stude	nts qualifyi	ng in State/	National/ Ir
5	the la	st five years	s (eg: NET/		-	
	gover	rnment exan	ninations)			
		2.3.1. Numb			-	
		/ SLET/ GA wise during			E/ TOEFL/	Civil servic
		Answer be	fore DVV V	/erification:		İ
		2017-18	2016-17	2015-16	2014-15	2013-14
		49	36	22	33	36
		Answer Af	fter DVV Ve	erification ·		
		2017-18	2016-17	2015-16	2014-15	2013-14
		25	15	11	19	17
	5.	2.3.2. Numb				
	NET	/SLET/GAT	E/GMAT/C	CAT, GRE/1	-	
	wise	during the la	ast five vear	•6		

wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
210	125	93	86	71

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
210	125	93	86	71

Remark : As per scorecard of examination provided for the students for the year 2016-17, 2013-14 and 2014-15.

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) during the last five years

5.3.1.1. Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
2	7	0	0	0

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	0	0	0

6.3.3 Average number of professional development / administrative training programs organized by the University for teaching and non teaching staff during the last five years

6.3.3.1. Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
25	47	29	5	4

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
25	47	29	5	0

Average percentage of teachers attending professional development programs viz., Orientation

Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

6.3.4.1. Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

Answer before DVV V	Verification:
---------------------	---------------

2017-18	2016-17	2015-16	2014-15	2013-14
82	24	35	38	44

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
90	31	51	42	44

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

6.4.2.1. Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
6471	2821	1411	1600	600

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
5971	2821	1411	1600	600

Remark : Data mismatch for 2017-18 with the supporting document attached.

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

6.5.3.1. Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
6	6	2	0	0

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
6	7	0	0	0

7.1.1	Numb years	per of gende	r equity pro	omotion pro	grams orgai	nized by the	institution during the last five
		g the last fiv	ve years	r equity pro verification:	-	grams organ	ized by the institution year-wise
		2017-18	2016-17	2015-16	2014-15	2013-14	
		1	2	2	3	1	
		Answer Af	ter DVV Ve	erification :			
		2017-18	2016-17	2015-16	2014-15	2013-14	
		1	2	3	3	1	
7.1.4	Perce	ntage of anr	ual lighting	g power req	uirements n	net through]	LED bulbs
7.1.8	Avera comp 7.1	nge percenta onent during .8.1. Total o wise during	fore DVV V ge expendit g the last fiv expenditure the last five	Verification ture on gree ve years on green in years(INR	: 180 n initiatives nitiatives an in Lakhs)	and waste	management excluding salary nagement excluding salary component
		Answer bef 2017-18	2016-17	2015-16	2014-15	2013-14	
		13.36	17.5	8.32	2.71	5.06	
		Answer Af	ter DVV Ve	erification ·		1	
		2017-18	2016-17	2015-16	2014-15	2013-14	
		96.39	17.5	8.32	2.71	5.06	
	Re	mark : Data	mismatch	for 2017-18	s with the su	pporting do	cument attached.
7.1.10	years	7.1.10.1. wise during	Number of the last five	specific ini	tiatives to a	-	and disadvantages during the last five ional advantages and disadvantages
		2017-18	2016-17	2015-16	2014-15	2013-14	
		6	4	4	3	3	

Anguar	Aftor	שעע	Verification	
Allswei	Allel	$D \vee V$	vernication	•

2017-18	2016-17	2015-16	2014-15	2013-14
6	4	4	3	3

2.Extended Profile Deviations

Extended (Questions						
Number of	foutgoing / f	ïnal year stu	dents year-v	vise during the	ast five ye	ears	
Answer be	fore DVV V	erification:					
2017-18	2016-17	2015-16	2014-15	2013-14			
454	440	422	393	415			
Answer Af	fter DVV Ve	rification:					
2017-18	2016-17	2015-16	2014-15	2013-14			
454	441	423	394	415			
<u> </u>			-				
Answer be	fore DVV V	erification:					
2017-18	2016-17	2015-16	2014-15	2013-14			
1353	1379	1308	1301	1268			
Answer Af	fter DVV Ve	rification:					
2017-18	2016-17	2015-16	2014-15	2013-14			
1436	1476	1396	1384	1330			
 Answer be 2017-18	fore DVV V 2016-17	erification: 2015-16	2014-15	2013-14	e years		
566	602	549	533	488			
Answer Af	fter DVV Ve	rification:		1 1			
2017-18	2016-17	2015-16	2014-15	2013-14			
567	634	607	592	529			

2017-18	2016-17	2015-16	2014-15	2013-14
51	244	229	224	209
answer Af	ter DVV Ve	rification:		
2017-18	2016-17	2015-16	2014-15	2013-14
58	165	167	194	151
			year-wise d	uring the last
Answer be	fore DVV V	erification:		
Answer be 2017-18	fore DVV V 2016-17	erification:	2014-15	2013-14
Answer be 2017-18 10921	fore DVV V	2015-16 3307		
answer be 2017-18 10921	fore DVV V 2016-17 5586	2015-16 3307	2014-15	2013-14