



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		SHRI MATA VAISHNO DEVI UNIVERSITY
Name of the head of the Institution		Prof. (Dr.) Ravindra Kumar Sinha
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		01991285524
Mobile no.		9419166016
Registered Email		registrar@smvdu.ac.in
Alternate Email		vc@smvdu.ac.in
Address		Shri Mata Vaishno Devi University
City/Town		Kakryal District Reasi
State/UT		Jammu And Kashmir
Pincode		182320
2. Institutional Status		

University	State
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed and grant-in-aid
Name of the IQAC co-ordinator/Director	Dr. A. K. Das
Phone no/Alternate Phone no.	01991285524
Mobile no.	8825030127
Registered Email	director.dqa@smvdu.ac.in
Alternate Email	ak.das@smvdu.ac.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	_https://www.smvdu.ac.in/index.php/accreditation/aqar
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4. Whether Academic Calendar prepared during the year

Yes

if yes,whether it is uploaded in the institutional website:
Weblink :

<https://www.smvdu.ac.in/index.php/academics/academic-calender>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B++	2.94	2019	08-Feb-2019	07-Feb-2024

6. Date of Establishment of IQAC

23-Jun-2009

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
one week training programme on	23-Sep-2019 5	30
one week training	09-Sep-2019	30

programme on	5	
one week training programme on	26-Aug-2019 5	30
one week training programme on	29-Jul-2019 5	30
National workshop on	19-Aug-2019 5	26
Training programme on	29-Aug-2019 3	10
one week training programme on	09-Dec-2019 5	30
Women and Law (Invited Lecture)	28-Jan-2020 1	500
Regional Entrepreneurship Awareness Camp	05-Feb-2020 3	95
FDP related to Student Induction	05-Mar-2020 3	46
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
SoEM, SoME, SoCSE, SoECE	World Bank Assisted TEQIP-III Institutional Project of MHRD	TEQIP, GOVERNMENT	2017 1095	120000000
SoBT	Molecular characterization of non-small cell lung carcinoma in patients from Jammu and Kashmir	DST	2017 1095	9001892
SoM	Completely prime ideals of skew polynomial Rings	SERB	2017 1095	443200
SoBT	Engineering of the Insulin-producing probiotic yeast Saccharomyces boulardii and exploration of its applications as therapeutics for diabetes	SERB	2018 1460	4756000

SoECE	Active radar absorbers based on frequency selective surfaces: Active stealth technology	Defence Research and Development Organization (DRDO).	2018 730	2287000
SoECE	Availability, utilization and digital document of non-timber bio resources for sustainable rural livelihood and decision support system for the rural households in the Northwest Himalayas	National Mission on Himalayan Studies (NMHS), GBPNIHESD.	2018 1095	317548
SoM	A study on Orlicz sequence spaces and their operators	Council of Scientific and Industrial Research (CSIR).	2018 1095	632000
SoBT	Bioinformatics Infrastructural Facilities	Department of Biotechnology (DBT), GoI	2007 4745	9711000
SoBT	Targeting synthetic lethality interaction among genome stability and protein degradation pathways mediated by sfc-e3 ligase component f-box proteins for personalized drug development	Department of Biotechnology (DBT), GoI	2013 2555	8200000

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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File

10. Number of IQAC meetings held during the year :	1
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

1. Analysis of all Feedback and Mentor Mentee Report 2. Online teaching learning and mentoring of the students. 3. Human Values and Ethics lecture in the First year student Induction Programme. 4. Academic and Administrative Audit format. 5. Implemented Use of LMS for Online teaching Learning Evaluation Process Digital Libraries open education resources., E books etc.,.

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

Plan of Action	Achivements/Outcomes
MOOC (NPTEL/ SWAYAM) Certification for Faculty	More than 57 certificates have been attained by SMVDU Faculty Members during the period July 2019 till June 2020.
Courseera Certification for Faculty/ Staff & Students	more than 2341 certificates have been attained by Faculty/ Staff members & Students through Courseera.
Mentor Mentee Meetings	All Schools conducted offline/ online Mentor-Mentee meetings in their respective Schools and academic and administrative issues raised by the students were resolved.
faculty Feedback	Faculty feedback has been collected and analysed on regular basis. As per analysis done 94 % faculty member have obtained above 3.5 on a 5 point scale and 91% faculty member have obtained above 3.5 on a 5 point scale for semester June 2019 & December 2019 respectively.
Question paper Review by External Experts	In Odd semester July-Dec 2018, 177 Question Papers were sent for External Evaluation and 74 responses were

	received. Similarly, in Even Semester Jan-May 2019, 63 Question Papers were sent for External Evaluation and 29 responses were received. And as per analysis done Question paper review feedback is 4.11 on 5 point scale
Industrial Training & Guest Lecture	"Policy stands implemented as approved by the Executive Council of the University as part of Key Result Areas & Key Performance Indicators. Industry visits - Minimum one visit per Class per Semester (For 3rd -7th Semester) was arranged by Schools. Guest Lectures - At-least 08 Visiting Guest Lectures per year per School."
LMS & Digital Library	Use of LMS for Online Teaching, Learning & Evaluation Process & Digital Libraries & open education resources., E- books etc.,
Implementation of Induction program for academic session 2019-20 as per guidelines by UGC	SMVDU organize Induction program for new entrants in a more systematic / planned manner in order to help students adjust and feel comfortable in the new environment, built bonds with fellow students, teachers and SMVDU.
Incentives for outstanding performance.	10% incentive on basic salary to highly performing faculty members and the provision of research and start up grant for newly recruited faculty members is introduced vide order no SMVDU/ADM./ESTT/29th EC-ATR/19/6852-57 dated 1st October, 2019. Majority of the new entrant Faculty members have been benefitted by the scheme.
Augmentation of the existing Audio-Video facility	Augmentation of the existing Audio-Video facility for online teaching and Lecture theatres are developed for recording facility for online classes.
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020

Date of Submission	28-May-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>For AY 201920: The University is progressively implementing the ERP system, a Management Information system, with the objective of streamlining the various processes as well as minimizing the utilization of paper. During the course of the implementation, further optimization of processes has been attained in the various functional areas. The complete student cycle has been implemented into the ERP system. The complete admission process including filling of online Application Form, generation of Admit Cards, Attendance Sheet, generation of Merit Lists, Intimation Letters, Online Payment etc. has been completely automated through a web based application interface. Further, once admitted, the generation of unique Entry Number for the student, Semester Registration and payment of associated fee, Time Tables, Registration Lists Daily attendance along with SMS based information to the parents has also been implemented. The semester feedback process has also been fully automated. The evaluation module has also been implemented which includes entry of marks obtained in Minor Major Exams in various registered courses, Generation of grades, calculation of results and the GPAs of the student along with printing of gradesheets. On the Establishment side, the leave application process for all employees, for various types of leaves, along with the details of substitute employees and the grant of approval is fully automated making the whole process paperless. The allotment of Hostels to the students along with details of the fee paid is also automated as part of the ERP implementation. The ERP system enables to pay the fee online using Credit/Debit cards and Netbanking facility thus eliminating the usage of cash in any form and enables the finance section to keep a track of all fee paid /pending fee for each student. The University also uses Learning</p>

Management System for teaching learning and record maintenance of students. The modules available for Faculty Staff Students are as below: 1, Admission/Registration 2. Teaching Learning 3. Examination Evaluation 4. Feedbacks

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MBA	MBA	Marketing Finance	09/03/2020
Mtech	M. Tech.	CSE	02/07/2019
Mtech	M. Tech.	ECE	26/05/2020
BTech	B. Tech.	ECE	26/05/2020
MSc	M. Sc. Maths	M.Sc. Maths (Integrated)	06/03/2020
MSc	Biotechnology	Biotechnology	14/09/2019
MA	English	English	03/07/2019
BTech	B. Tech	Professional communication	03/07/2019

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BArch	B. Arch	01/01/2019	Acoustics Lighting	16/07/2019
BTech	ME	16/07/2019	MEL3021 CAD/CAM	16/07/2019
BTech	ME	16/07/2019	MEL 4223 Refrigeration and Airconditioning	16/07/2019
BTech	ME	16/07/2019	MEL 4031 Automobile Engineering	16/07/2019
BTech	ME	16/11/2020	"Disaster management - AICTE-MC"	16/07/2019
Integrated(PG)	MBA (Integrated)	19/03/2020	All Courses	16/07/2020

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	ECE,CSE,ME,EE,CE	16/07/2019
BArch	B. Arch	16/07/2019
MSc	Maths, Physics, Biotech, Economics	16/07/2019
MA	English	16/07/2019
MBA	Marketing, Finance, HR	16/07/2019
Mtech	CSE, ME, ECE,ES	16/07/2019

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Credit Course on Professional Ethics	16/07/2019	33
Audit Course on Constitution of India	16/07/2019	109
Credit Course on Human Values	16/07/2019	630
Credit Course on Human Rights	16/07/2019	22
Audit Course on Constitution of India	16/07/2019	53
Credit Course on Indian Philosophy	16/07/2019	9
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BArch	B. Arch	20
BTech	CSE	3
BTech	ECE	10
BTech	ME	44
MSc	Biotech	32
BTech	Industrial Biotechnology	13
MBA	Marketing and Finance	54
BTech	Electrical	37
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	No

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained

For overall development of the Institution, the process of taking feedback from various stakeholders such as faculty, student, employer and alumni is a regular process. Feedback from students: Every semester feedback from all students of the university is collected through online mode. Feedback is taken on various aspects of teaching and learning such as fairness of the internal evaluation process, syllabus coverage, preparedness of the teacher for the classes, communication skill, regular conduct of classes, use of student-centric methods in classroom, use of ICT tools etc. These feedbacks are taken on a five point scale for every teacher and analysis of the feedback is given to the Head of the school for further improvement in the teaching-learning process. The Head of the School discusses the results with the concerned faculty Member for further improvement, and a record of the same is maintained. These feedbacks are reflected in the Annual Appraisal of the teacher. Hostel Authorities conducts feedback of residents of the hostel for further improvement of hostel and mess facility. Feedback from Faculty: Every year faculty members of the university submit their appraisal form which has a space to collect feedback from the faculty members of the university. Every faculty member provides their feedback in terms of their satisfaction level and provides suggestions for further improvement which is utilized by the administration for further improvement of administrative procedures. Feedback from Employer: Placement cell of the University collects feedback from employers on various aspects of talent pool such as, punctuality, general awareness, subject knowledge, professional skills communication skills, and the same is utilized for training purposes of students to meet the demand of the Industry and the same is included in the curriculum. Feedback from Alumni: Feedback collected from alumni are collected by all schools whenever they visit the University and the same is utilized for all possible improvement in academics/ employability.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	CSE, ECE, ME, EE, CE	380	1343	346
BArch	B. Arch	40	115	23
MBA	MBA	60	176	53
Mtech	CSE,ECE,ME, ES	72	128	48
MSc		135	296	121

	Biotechnology, Mathematics, Physics			
Integrated(PG)	Five Year Integrated M.Sc. (Economics)	40	103	36
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1098	727	70	45	115

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
115	115	5	40	40	Nil

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Mentor Mentee System The mentor mentee system at SMVDU is well embedded and established as part of the overall system which has shown significant success. At the commencement of each academic session, about 5-10 students are assigned to each faculty member as mentees. The Mentor faculty members is responsible for the following issues with the mentee students: 1. Meeting the mentee students regularly, generally after normal office hours 2. Keeping a regular check on the academic performance of the mentee students 3. Look after the concerns of the mentee students beyond the normal academic work act as life guides, counsellors and senior friends. The mentor is expected to help the student in preparing a career plan depending upon the interest and capabilities of the student. 4. In case of academically weak students who are put on academic probation, the role of mentor increases significantly as they are involved at each stage of the student till the student is removed from academic probation. The mentors, called special advisors, in consultation with the parents and student counsellor, if required, make a student-specific academic plan. The Mentor/Advisor is expected to: · Closely interact with the weak student and his/her parents · Formulate individualized Academic Plan · Manage and track counselling process of the student, if any, in coordination with the Dean, Students Welfare. · Approve their registration · Maintain touch with the student's parents for the purpose of maintain a close check on the student. The system is working successfully at the university and has worked towards building a conducive environment in the university which provides a support for all students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1825	115	1:16

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
184	115	69	Nil	86

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	Dr. Meenakshi Gupta	Assistant Professor	Amity Excellence Award for Best Faculty in the area of Agricultural Economics during 20th International Business horizon "INBUSH ERA WORLD SUMMIT 2020"
2020	Dr. Vineet V. Tyagi	Assistant Professor	under 2 percent global scientists in the field of Energy by Stanford University
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	4	8	25/07/2020	16/08/2020
MSc	18	2	25/07/2020	22/08/2020
Mtech	28	2	25/07/2020	06/10/2020
MBA	3	2	25/07/2020	08/10/2020
BArch	10	6	25/07/2020	17/10/2020
BSc Nursing	24	8	25/07/2020	23/10/2020
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	Nil	0

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 in website of the institution (to provide the weblink)

<https://www.smvdu.ac.in/index.php/academics/curriculum-syllabus>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
17	MSc	Biotechnology	33	33	100
14	MA	English	20	20	100
27	Mtech	Energy Systems	12	11	91.67
15	Mtech	M&A	13	10	76.92
19	Mtech	ECE	16	16	100
9	BTech	ME	44	44	100
7	BTech	IBT	14	13	92.86
4	BTech	ECE	70	68	97.14
1	BTech	CSE	55	55	100
10	BArch	Architecture	25	23	92

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

No Data Entered/Not Applicable !!!

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr. Anil Kumar Tiwari	Associateship at UGC Inter-University Centre for Humanities and Social Sciences	30/11/2019	Indian Institute of Advanced Study, Rashtrapati Nivas, Shimla-171005

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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
Dr. Gresh Chander, Scientist B under Centre for Advance Research (CAR) entitled To restraint or regulate the reproductive health issue	365	Indian Council of Medical Research (ICMR)

of human from JK (RP-106)		
Ms. Sonali Verma, Scientist B under Centre for Advance Research (CAR) entitled To restraint or regulate the reproductive health issue of human from JK (RP-106)	365	Indian Council of Medical Research (ICMR)
Javid Ahmad Ganie, JRF under research project entitled Active radar absorbers based on frequency selective surfaces: Active Stealth Technology (RP-100)	105	Defence Research and Development Organization (DRDO)
Mr. Tufail Ahmad Lone, JRF under research project entitled Active radar absorbers based on frequency selective surfaces: Active Stealth Technology (RP-100)	210	Defence Research and Development Organization (DRDO)
MS. Verruchi Gupta, Traineeship under research project entitled Bioinformatics Infrastructure Facilities (BIF) (PR-15)	324	Department of Biotechnology, Ministry of Science and Technology, Govt. of India
Mr. Ishfaq Hamid, Research Assistant under Research Project entitled Indias Financial Inclusion: Determinants and Impediments (RP-107)	180	Indian Council of Social Science Research (ICSSR)
Ms. Ashmita Kesar, Research Assistant under Research Project entitled Indias Financial Inclusion: Determinants and Impediments (RP-107)	97	Indian Council of Social Science Research (ICSSR)
Ms. Anu Choudhary, Research Associate under research project entitled A study on Orlicz sequence spaces and their operators (RP-102)	365	Council of Scientific and Industrial Research (CSIR)
Ms. Tulika Gupta, Field Investigator under research Project entitled An Empirical Study of Bank Credit Risk Management Using Big Data Analytics (RP-109)	180	Indian Council of Social Science Research (ICSSR)
Mr. Shivankit Andotra,	365	Indian Council of

Research Assistant under research project entitled An Empirical Study of Bank Credit Risk Management Using Big Data Analytics (RP-109)	Social Science Research (ICSSR)
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	730	UGC-BSR	10	Nil
Major Projects	730	DRDO	22.87	Nil
Major Projects	1460	SERB	47.56	Nil
Minor Projects	1095	SERB	4.43	Nil
Major Projects	1095	Department of Biotechnology (DBT), GoI	90	Nil
International Projects	1095	TEQIP, GOVERNMENT	1200	Nil
Major Projects	2555	Department of Biotechnology (DBT), GoI	82	Nil
Major Projects	4745	Department of Biotechnology (DBT), GoI	97.11	Nil
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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Session on IPR and Technology Transfer by FIIT IIT Delhi	TBIC	07/09/2020
Session with Patent Lawyer for processing Patent	TBIC	04/11/2019
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
National Seminar on Innovative	Ms. Shagun Jamwal	Shri Vishwakarma Skill	25/05/2020	Best Paper Award

Practices in Teaching Pedagogy		University, Haryana, India		
National Voice of Biotechnology	Ms. Shivi Badyal	Association of Biotechnology Led enterprises (ABLE) ans supported by the firm Novozymes South Asia	05/10/2019	Regional - First prize
National Voice of Biotechnology	Ms. Shivi Badyal	Association of Biotechnology Led enterprises (ABLE) ans supported by the firm Novozymes South Asia	12/06/2019	National-First prize
IIRS Certificate	Ar. Aditya Kumar Singh	Indian Institute of Remote Sensing	04/12/2019	Outreach
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
SMVDU Technology Business Incubation Centre	Mridhu Salathia	NSTEDB,GoI	Gurah Gaiya Mannger Pvt. Ltd.	Service	Nil
SMVDU Technology Business Incubation Centre SMVDU Technology Business Incubation Centre	Rahul Sharma	NSTEDB,GoI	Engigyan Techno Pvt. Ltd.	Edu Tech	Nil
SMVDU Technology Business Incubation Centre	Paras Singh, AsthaThapa	NSTEDB,GoI	Spur Dshelters Services Pvt. Ltd.	Construction	Nil
SMVDU Technology Business Incubation Centre	Ashish Malhotra, Akhil Mahajan	NSTEDB,GoI	Report Card Plus Edu Ventures Pvt. Ltd	Edu Tech	Nil
SMVDU	Abhishek	NSTEDB,GoI	Clueb	Automation	Nil

Technology Business Incubation Centre	Chauhan, Kushagra Singh		Automations Pvt. Ltd.		
SMVDU Technology Business Incubation Centre	Ishan Verma, BhanuMagotra	NSTEDB,GoI	Nentoir Technologies Pvt. Ltd.	Tech	Nil
SMVDU Technology Business Incubation Centre	Amit Verma, Ajit Verma	NSTEDB,GoI	VIBMIKS Services Pvt. Ltd.	Service	Nil
SMVDU Technology Business Incubation Centre	Desh Deepak	NSTEDB,GoI	Hastrix Automations Pvt. Ltd.	Automation	Nil
SMVDU Technology Business Incubation Centre	Akash Srivastava	NSTEDB,GoI	Flydex Automobiles Pvt. Ltd.	Manufacturing	Nil
SMVDU Technology Business Incubation Centre	Santosh Kumar, Sanjeev Kumar	NSTEDB,GoI	eSmart Software Solutions Pvt. Ltd.	Edu Tech	Nil
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
School of Business	2
School of Computer Science Engineering	3
School of Biotechnology	8
School of Mechanical Engineering	4
School of Mathematics	3
School of Electronics and Communication Engineering	4
School of Languages Literature	2
School of Physics	5

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	School of Business	34	Nil

International	School of Biotechnology	22	2.14
International	School of Economics	17	1.5
International	School of Mathematics	27	2.3
International	School of Physics	36	1.65
International	School of Mechanical Engineering	51	1.27
International	School of Energy Management	15	4
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
School of Languages and Literature	3
School of Energy Management	2
School of Mechanical Engineering	14
School of Physics	2
School of Mathematics	2
School of Electrical Engineering	6
School of Electronics and Communication Engineering	7
School of Civil Engineering	3
School of Biotechnology	7
School of Business	8
View File	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Smart Digital Pen: Samarth in e-Verification	Filed	202011012150	26/03/2020
HUMAN IDENTIFICATION IN MULTI-GAIT SCENARIO	Filed	201911029219	19/07/2019
Design of Active Band-Pass FSS (Frequency Selective Surface)	Filed	202011008419	27/02/2020
METHOD AND SYSTEM FOR GENERATING A THREE-DIMENSIONAL (3D) FRAMEWORK OF AN OBJECT	Filed	202011024270	10/06/2020

Green Synthesis of Silver Nanoparticles from Leaf Extract of Carissa OPAC	Filed	202011010352	11/03/2020
Wear Behaviour of Bone Ash Particulate Reinforced Aluminium Metal Matrix Composites	Filed	202011052574	02/12/2020
METHOD FOR AUTOMATIC MONITORING OF FACE POSTURE	Filed	202011048859	09/11/2020
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Analysis of stones formed in the human gall bladder and kidney using advanced spectroscopic techniques	Jitendra Kumar Sharma	Biophysical Reviews	2020	Null	SMVDU	1
Integration of EMT and cellular survival instincts in reprogramming of programmed cell death to anastasis	Rakesh Kumar	Cancer and Metastasis Reviews	2020	Null	SMVDU	2
Applications of Computer Vision in Plant Pathology: A Survey	Uday Pratap Singh	Archives of Computational Methods in Engineering	2020	Null	SMVDU	8
Optimiza	Vineet	Biomass	2020	Null	SMVDU	3

tion of nutrients from wastewater using RSM for augmentation of Chlorella pyrenoidosa with enhanced lipid productivity, FAME content, and its quality assessment using fuel quality index	Veer Tyagi	Conversion and Biorefinery				
A novel ZRS variant causes preaxial polydactyly type I by increased sonic hedgehog expression in the developing limb bud	Swarkar Sharma	Genetics in Medicine	2020	Nil	SMVDU	2
Chromatography: An important tool for drug discovery	Anil Kumar	Journal of Separation Science	2020	Nil	SMVDU	2
Thermal performance of phase change material integrated heat pipe evacuated tube solar collector system: An experimental assessment	Kapil Chopra	Energy Conversion and Management	2020	Nil	SMVDU	2

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Rank-Based Secrecy Rate Improvement Using NOMA for Ultra Dense Network	Rakesh Kumar Jha	IEEE Transactions on Industry Applications	2020	178	Nil	SMVDU
Novel sulfonated poly (ether ether ketone)/rGONR@TiO ₂ nanohybrid membrane for proton exchange membrane fuel cells	Sunil Kumar Wanchoo	Solid State Ionics	2020	193	Nil	SMVDU
Integrated approach for textile industry wastewater for efficient hydrogen production and treatment through solar PV electrolysis	Sanjeev Anand	International Journal of Hydrogen Energy	2020	215	Nil	SMVDU
Production of algal biomass for its biochemical profile using slaughterhouse wastewater	Vineet Veer Tyagi	Bioresourc e Technology	2020	294	Nil	SMVDU

for treatment under axenic conditions						
Telomere Maintenance Genes are associated with Type 2 Diabetes Susceptibility in Northwest Indian Population Group	Ekta Rai	Scientific Reports	2020	213	Nil	SMVDU
A Novel Cascaded Asymmetrical Multilevel Inverter with Reduced Number of Switches	Kamaldeep Boora	IEEE Transactions on Industry Applications	2020	195	Nil	SMVDU
Low cost and eco-friendly wood fiber-based composite phase change material: Development, characterization and lab-scale thermoregulation performance for thermal energy storage	Vineet Veer Tyagi	Energy	Nil	193	Nil	SMVDU
Friction and wear performance of olive oil containing nanoparticles in	Ankush Raina	Water	2020	160	Nil	SMVDU

boundary and mixed lubrication regimes					
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	26	6	Nil	Nil
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
SoALD	Vetting of Structural Design for the works: "Improvement and construction of drainage system at Sidhara"	Sewerage Drainage Circle, Jammu	8517
SoALD SoME	Vetting of Structural Design construction of 10 rooms (55) Double Storey Building at Govt. High School Gajansoo(upgrade to Higher Secondary School) District Jammu for Frame Structure.	Executive Engineer, Construction Division IV, Education Department, SSA/RMSA, Jammu	9338
SoALD SoEM	Vetting of Structural Design for the work 'Construction of drainage system at Channi Himmat, Jammu'.	Sewerage Drainage Circle, Jammu	17182
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
School of Business	Five Day Training program on Advance Computer Skills for Effective	Shri Mata Vaishno Devi Shrine Board, Katra	121099	30

	performance from 29.07.2019 to 02.08.2019			
School of Business	Five Day Training program on Advance Computer Skills for Effective performance from 09.09.2019 to 13.09.2019	Shri Mata Vaishno Devi Shrine Board, Katra	118775	30
School of Business	Executive Training Program on Training of Trainers	Shri Mata Vaishno Devi Shrine Board, Katra	75900	12
School of Business	Crafting Individual to effective Leaders	MoEF and CC	719745	30
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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
YES (Youth Empowerment and Skills) Program	Vyakti Vikas Kendra, Art of Living and NSS	2	209
Awareness about the menace of drugs	JK Police and NSS	6	357
Old books collection and distribution	NSS	1	80
Cloth bag distribution and awareness campaign	NSS	1	75
View File			

3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agen	Name of the activity	Number of teachers	Number of students
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	cy/collaborating agency		participated in such activities	participated in such activities
Swachh Bharat Abhiyan	International Volunteer Foundation (IVF) NSS	Swachh Vaishno Devi Yatra Campaign and Save Trikuta Mountains	3	102
Swachh Bharat Abhiyan	NSS and USR	Cleanliness Drive	2	30
View File				

3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Five Day Training program on Advance Computer Skills for Effective performance	Shri Mata Vaishno Devi Shrine Board Emplyoees and Shri Mata Vaishno Devi University Employees	Shri Mata vaishno Devi Shrine Board	5
Two Day Training program on Training of Trainer for effective Management	Shri Mata Vaishno Devi Shrine Board Emplyoees and Shri Mata Vaishno Devi University Employees	Shri Mata vaishno Devi Shrine Board	2
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Through AICTE	Internship	Internshala Samay Bhatnagar Manager - University Relation	17/07/2019	30/06/2020	100
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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Institute of	26/10/2019	1. To increase	Nil

Laser and Optoelectronics Intelligent Manufacturing (ILOIM), Wenzhou University, China		opportunities to cooperate in terms of international education, integration of education and industry, vocational training, technical research and development, entrepreneurship and innovation, practical training and culture exchange.	
Towards Block Chain, Gurugram	24/12/2019	1. To promote interaction between SMVDU and TBC in mutually beneficial areas. 2. To provide a formal basis for initiating interaction between SMVDU and TBC.	Nil
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
2540	1968

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
eGranthalaya 4.0	Partially	Version: 4.0	2008

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	43958	24360746	512	511760	44470	24872506
Reference	9374	6561800	319	206393	9693	6768193

Books						
e-Books	182448	246012	Nil	Nil	182448	246012
Journals	74	193797	Nil	Nil	74	193797
e-Journals	49696	524020544	Nil	Nil	49696	524020544
Digital Database	6	34845	Nil	Nil	6	34845
CD & Video	3100	Nil	Nil	Nil	3100	Nil
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. Amitabh Vikram Dwivedi	Research Starters, Academic Topics Overview,	EBSCO	31/05/2020
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1433	9	1433	2	1	1	14	1	0
Added	0	0	0	0	0	0	0	0	0
Total	1433	9	1433	2	1	1	14	1	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Video Recording facility in Lecture Theaters	www.smvdu.ac.in

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1119.5	910.28	645.4	536.2

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in

institutional Website, provide link)

Over period of time, the university has been able to establish excellent facilities including Smart Classrooms, lecture theatres, well equipped Labs, Library, sports infrastructure, auditorium, hostels, faculty and staff accommodation with all support facilities. All efforts have been made consistently to maintain, update and optimize the utilization of all the facilities created and the policies have been created accordingly. Regarding Laboratories The teaching and research laboratories are well equipped with latest facilities and the students are encouraged to make the best use of the facilities. Being a residential university, the students reside on the campus and the students have been provided 24 x 7 access to the laboratories for which the policies are clearly laid out. The students can access the keys of the laboratories by making simple entries at the security points and make use of the laboratories at any times, thus ensuring that the optimum utilization of the laboratories is attained. Each laboratory is assigned a faculty in-charge and a laboratory staff besides the Ph.D. students. The faculty in-charge is responsible for the update of the laboratory facilities while the lab staff is responsible for the upkeep and maintenance of the lab equipment. In case of major breakdown, the repair of equipment is done by the concerned service people of the concerned company. Regarding Classrooms Classrooms are equipped with Student Benches, Smart Projectors, Audio System based lectern and Internet connectivity. The responsibility of maintaining the equipment/furniture in the classroom lies with the concerned School who get in touch with various support units like Projection Cell, Estates Section, and Network Centre for various issues related to maintenance. The time table is coordinated centrally to ensure optimum utilization of all classrooms Regarding Sports Infrastructure Indoor and Outdoor sports facilities have been established including gymnasiums in girl's Boys' Hostels. The sports wing headed by a Faculty In-charge Sports and consisting of the Coach and support staff are responsible for ensuring that all equipment, courts and grounds are maintained properly and that all sports items are issued to the students as needed. They also conduct various sports activities from time to time as well as ensuring the participation of the university teams in various competitions across the country with financial assistance from the university. Regarding Library The library coordinators from each school provide information regarding requirement of new books to faculty In-charge library to ensure availability of new books. About 1.60 Lakhs E Books are accessible to students across the university campus. The reference section of the library is open till midnight on all days, digital library section and reading room is open 24x7x365 while issue of books is available from 9:00AM to 8:00 pm on all working days. The above mentioned practices and procedures have been put in place to ensure that optimum utilization of resources is made with maximum possible up-time for the users.

https://www.smvdu.ac.in/images/stories/pdf/iqac/2020/13032020_studentFacilities.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Assistantship/Scholarship/Shakti	392	23530000
Financial Support from Other Sources			
a) National	Nil	Nil	Nil
b) International	TEQIP	39	18175005

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
International Yoga Day	21/06/2020	20	Yoga Club
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2020	NET, GATE, Remedial Classes	Nil	28	1	Nil
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Infosys Ltd., TCS Ltd., Wipro Ltd., Cognizant, TA Digital, Orange, ICICI Prudential, ICICI Bank Ltd., SBI Life Insurance Ltd.	184	159	Nil	Nil	Nil
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
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	higher education				
2019	8	B. Arch	School of Architecture Landscape Design	Cardiff University, UK, University of Florence, Italy, School of Planning Architecture, Bhopal, School of Planning Architecture, New Delhi	M.U.D., M.Design, Master in Landscape Architecture, Urban Design
2019	1	MBA	School of Business	School of Business	Ph. D.
2019	1	B. Tech.	School of Biotechnology	Thapar University	M. Tech
2019	2	B. Tech.	School of Biotechnology	Thapar University	MBA

[View File](#)

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
CAT	3
GATE	18
GRE	3
NET	10
TOFEL	1
Civil Services	1

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Cricket (Men)	North Zone Inter University competition	16
Kick boxing (Men)	All India Inter University competition	4
Cricket (Men)	Inter Hostel open Tournament	88
Volleyball (M/W)	Inter Hostel open Tournament	36
Basketball (M/W)	Inter Hostel open Tournament	91
Kabaddi (Men)	Inter Hostel open Tournament	84

Kho-Kho	Inter Hostel open Tournament	60
Football (Men)	Inter Hostel open Tournament	66
Cricket (Men)	Inter college Tournament	16
Badminton (M/W)	Inter college Tournament	10
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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)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students Affairs Council (SAC) The highest level of students' body in SMVDU is the 'Students Affairs Council' (SAC) and its constituent Boards and Inter hostel Committees are as follows: 1. Board for Hostel Management (BHM) 2. Board for Sports Activities (BSA) 3. Board for Cultural Activities (BCA) 4. Board for Students Welfare (BSW) 5. Board for Students Publications (BSP) 6. Board for Professional Activities (BPA) 7. Inter-hostel Disciplinary Committee 8. Inter hostel Network Affairs Committee 9. Inter-hostel Finance and Audit Committee 10. Any other Board/Inter-hostel committee, as approved by the SAC. SAC is chaired by the VC where as the Boards are chaired by the concerned president. 11 From the point of view of Students' Organization (SAC and its constituent Boards), the University is considered to have the following "Hostels" and "Houses" Hostels: 1. Nilgiri 2. Vindhyachal 3. Trikuta 4. Kailash 5. Basohli 6. Shivalik Block A 7. Shivalik Block-B 8. Vaishnavi Houses: 1. Jal 2. Vayu 3. Agani 4. Akash 5. Prithvi The role of the Council (SAC) is to involve 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 is intended to provide a policy making platform for the students with the support of University faculty and authorities. The composition of SAC will be as follows: (a) Vice Chancellor Chairman (b) Dean of Students Welfare Vice Chairman (c) Registrar (d) Associate Deans of Students (e) President of each Board (viz. BHM, BSA, BCA, BSW, BSP, and BPA) (f) All Wardens and Associate Wardens (g) General Secretary, SAC (h) Secretaries of all Hostel Affairs Committees (HAC) from each hostel (i) SAC Representatives (2 from each hostel) (j) General Secretaries of various Boards (k) General Secretary, Inter-hostel Disciplinary Committee (l) General Secretary, Inter-hostel Network Affairs Committee m) General Secretary, Inter hostel Finance and Audit Committee (n) Assistant Registrar (Students Affairs) / S.A. Section I/CMember Secretary 1. BSA: 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. The BSA organizes annual sports festival "SARANG". 2. BCA: 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. In order to welcome the new students and in search for their extra-curricular talents, a cultural event called CONCORDANCE is organized in the beginning of every academic session in August. It is followed by TITIKSHA, the technical festival, TATVA and MANTHAN the management festival, LITLIFE, the literary festival, and SRIJAN, the architecture festival. The University also organizes annual cultural and sports festival called RESURGENCE in which the students from various Universities/Institutions are invited to participate and compete. 3. Mess Committee: - Mess Committees are constituted separately for each hostel at SMVDU for ensuring smooth functioning of Hostel mess.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Shri Mata Vaishno Devi University Alumni Association (SMVDUAA) is a registered society under Societies Registration Act, VI of 1998 (1941 A.D.), no. 1125-5 of 2018 ref. DIRC/5/JK/1125/59 on the date of 24th April 2019. The Executive Committee meeting of the Alumni Association held on 20th February 2020

5.4.2 – No. of registered Alumni:

4671

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

15

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The university has been consistently moving towards decentralization of responsibilities and activities to enable better management of resources and smooth and timely conduct of activities. The university has decentralized the process of Purchase recently. Initially, the purchase process was centralized with the Store Purchase section of the university, under the Assistant Registrar handling the purchase processes including the purchase related to sponsored projects of the faculty members. The job of the Departmental Purchase Committee of the various schools was limited to making recommendations regarding the indents raised and subsequently based on the quotations received. It was observed that this resulted in excessive delay in the overall procurement process. The decentralization process was implemented to empower the School Purchase committees to conduct the overall purchase process right from indent stage to the purchase completion process. This has resulted in significant reduction in the time taken for procurement and the iterative cycle has also reduced. This has been particularly useful in case of sponsored projects where the project cycle is short and delay in procurement can be disastrous. However, a Centralized Purchase Committee still exists for very high value purchase or items of common nature. The academic administrative structure of the Schools is quite independent with each school having its own Board of Studies, Academic Affairs Committee, School Research Committee, Class Committee and Quality Circles. The office of Dean of Faculty acts as the central point regarding the academic and research related issue which may be common to the various schools of that faculty. Steps have been taken to enhance

the management of the schools by the participation of the various stockholders including the faculty, staff and students of the school. The class committee includes the faculty members and the students handling the courses for that class thus the inputs regarding the various issues being faced by the class are sorted out at the school level. This has improved the smooth functioning of the schools in general. The Head of the schools have also been empowered to take decisions regarding the internship request of the students, based on the recommendation of the Academic affairs Committee of the school. Thus the quality of internships has improved within the schools. The Heads of the Schools have also been awarded with latest responsibilities in order to smoothen activities of the Schools and strengthening School activities.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	<p>Feedback from employers, alumni, visiting experts, corporate sector, parents, professionals and current students is taken regularly regarding the curriculum. Benchmarking is done against the curriculum prescribed by statutory bodies as well as what is prevalent in renowned institutions while including thrust areas in the curriculum. Industry experts are include in the Board of Studies of Engineering Management Schools while Industry experts as well as academicians of high repute are included in the Academic Council for obtaining input regarding curriculum. Academic audit is also conducted for reviewing the curriculum. Reference is also taken for the syllabus for GATE NET.</p>
Teaching and Learning	<p>Regular conduct of FDPs to enhance and update the knowledge of the faculty members in their areas of interest. Mandatory training of faculty members in latest teaching learning techniques like flipped classes, learn-pair-share at IIT Mumbai as well as through ISTE sponsored program for certification from IIT Mumbai All classrooms equipped with Smart Projectors and Internet facilities, faculty members with Laptops to ensure optimum utilization of ICT methods to enhance teaching learning process ERP system and MOODLE LMS implemented to enhance the interaction between faculty and students Large number of E-books made available with simulation software for</p>

	better learning
Examination and Evaluation	<p>The Examination wing adopts multi-level checking process while calculating and declaring the results of the students as received from various heads of Schools. This ensures that the probability of EOE is reduced to the minimum level. The Grade sheets / Transcripts are issued on high quality paper with multiple security features including QR code and Bar code so as to make these documents presentable as well as full proof from copying. A new summer semester has been introduced by the University to facilitate the student to clear their backlogs or to attempt for Grade improvement, the Examinations of which are held during the summer semester break June / July once in a year.</p>
Research and Development	<p>Research and Development SMVD University has robust R D wing and it lays great emphasis on quality research. Some of the important features of its RD Policy are:</p> <ol style="list-style-type: none"> 1. SMVDU has a dynamic R D Policy. The Projects and Consultancy Rules are revised regularly in order to make the process of submission of Project/Consultancy proposals and their execution more effective. 2. University Charges in Consultancy projects have been reduced. 3. IPR/ MoU Policy has been revised for easy filling of Patents, Copyrights, Trade/Service marks, Industrial designs IC layout designs, New plant variety and Biotechnology inventions Traditional knowledge and Geographical Indications etc., vigorously supporting and promoting innovations at SMVDU. 4. Seed money to newly appointed faculty Members in the form of Professional Development Assistance is provided. 5. Digitalization of forms Formats has been done for easy efficient processing. 6. Startup policy has been implemented for teachers promoting start-up proposals by Faculty Members
Library, ICT and Physical Infrastructure / Instrumentation	<p>Starting with only 2,000 Books on 19th August 2004, within a short span of time the Central Library SMVDU has acquired more than 53000 Books collection. Apart from 70 print periodicals the Central Library provides access to more than 10,000</p>

online Journals and e-Resources of International publications through eShodhSindu Digital Library Consortium, INFLIBNET and also have subscription to IEEE ASPPPOP, EBSCO host, Harvard Business Cases, EPW Research Foundation, IJBST Journal Group and EBSCO Academic e-Books Collection . The Library Management software used by Library is e-Granthalaya 4.0 developed by National Informatics Centre, Ministry of Electronics and Information Technology, GoI. The Central Library collection encompasses Management, Economics, Engineering, Architecture, Sciences, Philosophy, culture, Religion, English, Dogri Hindi Literature etc. The Library is also member of DELNET since 2007. The Reading Section as well as Digital Library (equipped with 35 desktop computers) remain 24X7 open for the users. With the purpose to have quality publications the library has deployed Anti plagiarism software Turnitin

Human Resource Management

Human resources management (HRM) refers to the management of people in organization. It comprises the activities, policies, and practices involved in obtaining, developing, utilization, evaluating, maintaining, and retaining the appropriate number and skill mix of employees to accomplish the organization's objectives. In general human resource management aim to increase the contributions of employees in the organization. Employees of the Central Library (SMVDU) are attending the training programs, webinars, seminars, and lectures for their professional growth, personality development, human relations skills, technical skills and conceptual skills. Evaluation of employees performance is done annually to ensure employees are recognized for their work and are being provided the the right training oppurtunities to acquire further skills. i. Adequate Leaves (Casual, Earned and Medical) leaves to staff and faculty members. ii. Maternity and Paternity Leaves to all Faculty and Staff members. iii. Well-furnished accommodation on campus for Faculty Staff. iv. Provision of all types of leaves as per UGC norms. v. Child Education Allowance to Faculty Members. vi. Performance Linked Award

to the tune of 10 of the basic pay per month. vii. Professional Development Assistance to all faculty members (new as well existing) to the tune of Rs. 2,10,000/- in a block period of three years. viii. Career Advancement Scheme as per regulatory bodies norms for the faculty. ix. Incentives for outstanding performance to Faculty members a) Incentive for research publication to the tune of Rs. 5000/- per published accepted paper b) Incentives for patent generation to the tune of Rs. 100000/- with certificate of appreciation for each paper. c) Outstanding teacher award x. Annual and Special Increments for Outstanding Performers. xi. On Campus Sports and Gymnasium / Health Facilities for all. xii. On Campus Medical Aid Center. xiii. EPF, Medical Reimbursement, Group Insurance, etc., are provided. xiv. The faculty staff members are given 25 discount in fee by DPS School-SMVDU, on admission of their wards.

Industry Interaction / Collaboration

SMVDU University always emphasis on strong industry-academic linkage for better exposure and employment opportunities for its student. University has taken lot of initiatives for strengthening Industry-Academic interactions in terms of IRDU, EDP, TBIC, TP Cell, etc. Training and Placement Cell of SMVDU takes care of student's internships, Industrial visits and Campus placement. To increase the employment opportunities for its students. Training and Placement Cell ensures a continuous correspondence with prospective employers through letters, E-mails, Telephones and personals visits. Placement Officer also visits various Industries time to time in personal and also participates in various HR Conclaves/ Summits for networking with prospective employers. Industry experts are regularly invited for interactions with university students.

Admission of Students

University is included as a participating institution in Centralized admission processes like JOSAA/CSAB of MHRD for admission to B.Tech. B.Arch. program, Centralized counselling for M.Tech. of MHRD for admission to M.Tech. program and DASA of MHRD for various programs for

admitting foreign students. Further students are admitted to MBA program based on CAT/MAT/CMAT percentile. This strategy ensures intake of high quality student intake besides enhancing geographical and cultural diversity with students from 22 states of the country. For M.Sc. programs, preference is given to candidates with valid JAM scores. University also conducts its own highly competitive entrance test for other programs.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
<p>Planning and Development</p>	<p>The planning of the university is based on the on-line availability of the information regarding the various resources like human resource, computational resource, infrastructural resource and other resources. This makes the task of planning more efficient as proper and optimized utilization of resources is enabled. This information is used for efficient planning of academic work, allotment of accommodation to faculty and staff, allotment of accommodation to students in hostels, maintenance of apartments, houses and hostels etc.</p>
<p>Administration</p>	<p>Various functional administrative units like Establishment, Academic Affairs, Estates, Dean of Student Welfare make use of the online platform of ERP to perform the various tasks. The leave application module is used by all employees to seek leave as per requirement and no paper is generated in the whole process. List of students, Time tables, attendance details, marks obtained and other parameters along with feedback of students is available on the LMS/ ERP thus enabling quick access to information.</p>
<p>Finance and Accounts</p>	<p>All fee receipts are through On-line payment system using credit/debit cards and Netbanking while all payment are done using modes like PFMS, NEFT, RTGS etc. Salaries are transferred by on line bank transfers. The record of receipts and payment and complete accounts are maintained using Tally software package</p>
<p>Student Admission and Support</p>	<p>The admission process of the university is included in the University system and the application</p>

form can only be filled On-Line. Admit Card, all notifications including the Merit List and Offer letter are provided on-line through the online interface. All fee payments are on-line using Credit/Debit Cards and Netbanking. The candidates can submit their grievances and enquiries through the email id receive response quickly. Once admitted, each student has his/her own dashboard on the ERP and has access to all academic content and marks, grades assignments through the same along with using Moodle LMS.

Examination

The semester registration is done on-line by each student and the list of registered students, course wise is available to all faculty members and the examination wing. The faculty members enter the marks awarded on the LMS system and based on the data entered the grades are compiled resulting in the calculation of the CGPA SGPA.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Anil Kumar	Nil	1. Life Membership of Indian Council of Chemists and Biologists. 2. Life Membership of Chemical Research Society of India. 3. Life membership of Indian Science Congress.	17000
2020	Dr. Yatheshth Anand	Nil	1. ASHRAE 2. International Solar Energy Society	18250
2020	Sanjeev Anand	Nil	1. International Solar Energy Society 2. American Society of Thermal and	20000

			Fluid Engineers	
2020	indu bhushan	Nil	Indian Society for the study of reproduction and fertility	2000
2020	Dr. R.K.Mishra	Nil	1. Tribology Society of India 2. Institute of Engineers 3. Indian Society of Technical Education	22420
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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Indo-US Bilateral one week workshop	Nil	05/08/2019	09/08/2019	14	Nil
2019	Faculty Development Programme (FDP) on 'Energy Power Systems'	Nil	05/08/2019	09/08/2019	28	Nil
2019	National workshop on Role of Soft Skills in Effective Classroom Management	Nil	19/08/2019	23/08/2019	26	Nil
2019	Organization of Two Days National Workshop on 'Ethical Hacking Cyber Security	Nil	25/09/2019	26/09/2019	7	Nil

2019	Nil	one week training programme on "Advance Computer Skills for Effective Performance"	29/07/2019	02/08/2019	Nil	30
2019	Nil	Training Programme on Training of Trainers	29/08/2019	31/08/2019	Nil	10
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Interactive Meet	1	21/12/2019	21/12/2019	1
Blockchain Technology-FDP	1	20/09/2019	21/09/2019	2
Organizational Learning and Resource Reconfiguration in Social Enterprises	1	27/12/2019	29/12/2019	3
WASTE-TO-WEALTH Paradigm, Practice and Potential.	1	25/08/2019	29/08/2019	5
Annual Refresher Programme	3	01/10/2019	31/12/2019	92
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	Nil	Nil	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students

i. Provision of all types of leaves as per UGC norms, (Casual, Earned and Medical). ii. Maternity and Paternity Leaves to all Faculty members. iii. Well-furnished accommodation on campus for Faculty. iv. Child Education Allowance to Faculty Members. v. The faculty members are given 25 discount in fee by DPS School-SMVDU, on admission of their wards. vi. Performance Linked Award to the tune of 10 of the basic pay per month. vii. Professional Development Assistance to all faculty members (new as well as existing) to the tune of Rs. 2,10,000/- in a block period of three years, i.e., Rs. 70,000/- p.a. per faculty member. viii. Incentives for outstanding performance to Faculty members a) Incentive for research publication to the tune of Rs. 5000/- per published accepted paper in SCI/SCIE/SCOPUS/ABDC[Cat A and B]/WOS listed Journals. b) Incentives for patent generation to the tune of Rs. 100000/- with certificate of appreciation for each patent. c) Outstanding teacher award. ix. Career Advancement Scheme as per regulatory bodies norms for the faculty x. Annual and Special Increments for Outstanding Performers. xi. On Campus Sports and Gymnasium / Health Facilities for all. xii. On Campus 24 x 7, Medical Aid Center. xiii. EPF, Medical Reimbursement, Group Insurance, etc., are provided. xiv. The wards

i. Adequate Leaves (Casual, Earned and Medical) leaves to staff members. ii. Maternity and Paternity Leaves to all Staff members. iii. Well-furnished accommodation on campus for Staff. iv. On Campus Sports and Gymnasium / Health Facilities for all. v. On Campus Medical Aid Center. vi. EPF, Medical Reimbursement, Group Insurance, etc., are provided. vii. The staff members are given 25 discount in fee by DPS School-SMVDU, on admission of their wards. viii. The wards of the staff members are given waiver of 50 tuition Fee (Annual Fee in case of Ph.D.) 100 Waiver of Hostel Fee Mess Fee in case the staff member is staying within the campus. ix. The Staff members are given 50 waiver in Annual Fee for pursuing Ph.D. in the University

1) SCHOLARSHIPS, ASSISTANTSHIPS AWARDS a. Student Merit-cum-Means Scholarship Scheme (SMMS): The University has initiated Student Merit-cum-Means Scholarship Scheme (SMMSS). Under SMMSS, the University provides financial assistance in terms of semester tuition fee waiver Hostel Fee waiver, ranging from 10 to 100 on the basis of merit during the semester to the top 10 meritorious students in various professional disciplines. The program is valid for one semester only and the student will have to remain in the top 10 with a SGPA of not less than 8.50 in order to be eligible for receiving the same in the next semester. b. Special Scholarship Scheme The university is also offering a Special Scholarship Scheme to meritorious students at time of Admission, as given below: Name of Program: B.Tech. Eligibility for Scholarship Payable Up-to 30,000 AIR(CRL) in JEE (Mains) Examination Full Tuition Fee waiver for first 05 semesters Above 30,000 up to 50,000 AIR(CRL) in JEE (Mains) Examination Full Tuition Fee waiver for first 04 semesters Above 50,000 up-to 1,00,000 AIR(CRL) in JEE (Mains) Examination Full Tuition Fee waiver for first 03 semesters Name of Program: B.Arch Up-to 500 AIR(CRL) in JEE (Mains) examination Full Tuition Fee waiver for first 05 semesters Above 500 up-to 1500 AIR(CRL)

of the faculty members are given waiver of 50 tuition Fee (Annual Fee in case of Ph.D.) 100 Waiver of Hostel Fee Mess Fee in case the faculty member is staying within the campus.xv. The Faculty members are given 50 waiver in Annual Fee for pursuing Ph.D. in the University

in JEE (Mains) examination Full Tuition Fee waiver for first 04 semesters Above 1500 up to 3000 AIR(CRL) in JEE (Mains) examination Full Tuition Fee waiver for first 03 semesters Name of Program: MBA Above 90 percentile in MAT/CMAT Full Tuition Fee waiver for 01st year 50 Tuition Fee waiver for 2nd Year 85 to 90 percentile in MAT/CMAT Full Tuition Fee waiver for 01st year 80 to 85 percentile in MAT/CMAT 50 Tuition Fee waiver for 01st year. c. Financial Assistance for Poor Students A student who comes from a very poor background and secures a CGPA of 9.0 and above shall be given 100 assistance. d. Scholarship Scheme for Meritorious Girl Students "Shakti" "Shakti" is a scholarship scheme through which performing outstanding girls students of the B Tech program are awarded with financial assistance for further studies. The Girl students of the B.Tech. program, securing a SGPA of 8.50 and above with no backlogs are eligible. The Scholarship amount of Rs. 30,000/- each is payable to the two girl students having highest SGPA. 2) Medical Aid Centre and Medical Facilities: The University Medical Aid Centre provides 24 x 7 medical services to students of the University. A well equipped clinical laboratory is functional in Medical Aid Centre. Ambulance facility is available in case of emergency. Free medicines

are dispensed with to the students on SOS basis. 3) SPORTS FACILITIES Facilities such as Multi purpose Gym [for Boys and Girls seperately in Hostels], Badminton Courts, Volleyball Courts, Basketball Courts, Tennis Courts, Football Ground, Cricket Ground, Kho-Kho Field, Kabbadi Field and Athletic Tracks and Field

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

University has an effective internal Control mechanism under which each document involving financial implications is duly scrutinized. The payment is made only after obtaining the sanction of the competent authority. The University has appointed Independent Concurrent Auditors who scrutinize all the financial transactions on regular basis and give reports to management in order to improve functioning. The Annual accounts of University are audited by independent Chartered Accountant, which is designated as Statutory Auditors of University, on annual basis. The final accounts are placed before the Finance Committee/ Executive Council of the University for Approval.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
SHRI MATA VAISHNO DEVI SHRINE BOARD, KATRA	338358018	for infrastructure development and operational expenditure.
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Null	Yes	By an Internal Committee
Administrative	No	Null	Yes	By an Internal Committee

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

The University has only one College affiliated i.e., Shri Mata Vaishno Devi College of Nursing which is very young and whose first batch is yet to pass

out. The College has its own governing body and the Principal of the College is recognized as Dean of the Faculty of Nursing of the University. The University has constituted a special Board of Studies for the College, headed by the Principal to ensure Academic Autonomy.

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

Not Applicable. The University does not have a Parent - Teacher Association as on date.

6.5.4 – Development programmes for support staff (at least three)

1. Women and Law (Invited Lecture) 2. One day National Congress on Matribhasha Diwas (International Mother Language Day) 3. Interactive session with the patent lawyers

6.5.5 – Post Accreditation initiative(s) (mention at least three)

1. with the objective of enhancing the research and publication culture in the University, it has been made mandatory for each Faculty Member to publish at least 02 Research Papers per Academic year, in high-quality Journals, indexed in SCOPUS/SCI/SSCI/SCIE/ABDC[AB only]. It is envisaged that this collective effort will go a long way in further improving the research profile of the University and its standing among the peer institutions globally. 2. In continuation to its deep commitment towards attaining the goal of a sustainable world, the practice of using the extremely harmful single plastic bags, plastic cutlery, plastic bottles, have been banned by the University, in all its forms. 3. Remedial Classes for academically weak students in various subjects were conducted during the summer vacation period to enable the students to understand the subjects and clear their backlog papers. This has resulted in the reduction of the backlog load on the academically weak students during the regular semesters. 4. Senior Faculty Members and Faculty Members with administrative responsibilities were sent for week-long Professional Development Training at various IIMs with the objective of enhancing their administrative skills. 5. Compulsory MOOC Certification by each Faculty Member

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	National workshop on Role of Soft Skills in Effective Classroom Management	20/08/2019	20/08/2019	23/08/2019	26
2019	one week training programme on "Advance Computer	29/07/2019	29/07/2019	02/08/2019	30

2019	Nil	Nil	12/10/2019	1	Swachh Vaishno Devi Yatra	Nil	50
2019	Nil	Nil	27/07/2019	Nil	Community visit for education , health hygiene under VIKALP NSS	Nil	70
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Hostel Resident Guidebook	16/08/2019	<p>The Hostel residents Guide Book was introduced during inception of the University and was amended in April 2016 which has been regularly updated as per the changing dynamics of the environment. Shri Mata Vaishno Devi University seeks to provide a conducive and serene environment wherein students/scholars are encouraged to attain academic excellence and hone their potentialities in various areas of human flourishing. The University is like a big family, wherein every member has certain responsibilities and duties towards every other member of the family. The hostel life of students plays a very important role in promoting and protecting the smooth functioning of the University. This small guide book provides useful information about facilities and directions/rules for resident students/scholars as to how they must conduct themselves during their</p>

		association with the University.
Code of Conduct of University Employees	16/08/2019	Adopted in 2003, the Code of Conduct of the University Employees is an important Ordinance which guides the University Employees [Teaching as well as Non Teaching] in effective discharge of their duties. Every employee, in the performance of his official duties or in the exercise of powers conferred on him, has to act strictly in accordance with rules laid down in the above code. The above Code provides exhaustive guidelines concerning the issues like, joining of associations by employees participation in demonstration and strikes, unauthorized communication of official information indulging in private trade or employment bigamous marriage, sound character insolvency and serious misconduct of University employees.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Mahatma Gandhis view on Modern Technology	12/09/2019	12/09/2019	50
Thursday Mind Meet (Jai Jawan Jai Kissan)	03/10/2019	03/10/2019	40
Workshop on Indian Constitution	20/01/2020	10/03/2020	35
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1 Grid-connected Solar Photovoltaic power plant of 900.16 kWp capacity has been installed at Shri Mata Vaishno Devi University. 2 18000 litres per day capacity of indirect solar water heating system has been installed in the University. 3 Regular Plantation drives are conducted in the Campus. 4 Check Dams, drains, have been constructed along the periphery of the buildings for roof top rain

water harvesting and accordingly water is collected in the storage tanks and used for horticulture purpose. 5 1550 KVAR capacitor bank has been installed for improving the power factor. 6. LED street lights have been installed within the campus. 7 LED lights have been installed in all hostels and these are being installed in all academic blocks too. 8 Separate Dustbins [for wet and dry waste] are provided in the Campus for segregation of Solid Waste. Composting pits have been constructed to convert the biodegradable waste material into organic manure. 9 Pedestrian Paths have been constructed. Students are allowed to use only bicycles in the Campus. 10 Sewage Treatment Plant of 500 KLD capacity is on the verge of completion. 11 Plantation drive on regular basis.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

7.2.1 - Describe at least two institutional best practices

1. Title of the practice: Professional Development Assistance (PDA) The context that required the initiation of the practice: Professional Development of faculty members completely lies on the basis of their performance in teaching and research activities which requires engagement in research work, collaboration and participation in various academic events. To encourage faculty members to involve in such type of activities financial support from the Institution is required. Objectives of the practice: 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, the membership fee of Professional bodies, buying research equipment, software or books. The Practice: 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, the 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. Obstacles faced if any and strategies adopted to overcome them (150 - 200 words): None till date Impact of the practice: This scheme has resulted in the enhancement of faculty members presenting papers from a handful in 2013 to more than 95 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 40 in last few years. Many faculty members have utilized PDA for purchase of books, and computer/desktop/scanner, hard disk, minor experimental scientific equipment. Resources required: Funding from various funding agencies. At present the above scheme is self-financed from the fee receipts of the University and annual recurring grant received from the parent institution Shri Mata Vaishno Devi Shrine Board, a statutory body created by the Government of Jammu and Kashmir. About the Institution i. Name of the Institution: Shri Mata Vaishno Devi University ii. Year of Accreditation: 2019 iii. Address: Shri Mata Vaishno Devi University, Kakriyal, Katra-182320, JK iv. Grade awarded by NAAC: B v. EMail: registrar@smvdu.ac.in vi. Contact person for further details: Registrar, Shri Mata Vaishno Devi University, JK vii. Website: www.smvdu.ac.in

2. Title of the practice: Students Merit-cum-Means Scholarship Program The context that required the initiation of the practice: Due to financial constraints, many meritorious students from poor background fails to pursue higher education of their choice and opts for courses/ Institutions which requires less financial burden. To attract such meritorious students, the

scheme is introduced. Objectives of the practice: 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. The Practice: 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. Obstacles faced if any and strategies adopted to overcome them (150 - 200 words): None at present. Impact of the practice: 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. 7. Resources required: Funding from various funding agencies. At present the above scheme is self-financed from the fee receipts of the University and annual recurring grant received from the parent institution Shri Mata Vaishno Devi Shrine Board, a statutory body created by the Government of Jammu and Kashmir. 8. About the Institution i. Name of the Institution: Shri Mata Vaishno Devi University ii. Year of Accreditation: 2019 iii. Address: Shri Mata Vaishno Devi University, Kakriyal, Katra-182320, JK iv. Grade awarded by NAAC: B v. E-Mail: registrar@smvdu.ac.in vi. Contact person for further details: Registrar, Shri Mata Vaishno Devi University, JK vii. Website: www.smvdu.ac.in 3. Title of the practice: Online teaching learning during Covid Pandemic in AY 2019-20 The University has introduced online teaching- learning platform for students through various online platform such as MOODLE, Zoom, Google Meet, etc. The Methodology adopted for conduct of teaching-learning process during the course of the semester in on-line mode shall be as given below: a. "Flipped Class" methodology is utilized for smooth conduct of academic work during AY 2019-20. Faculty members prepare the following resources for all courses being handled by them and upload the same on MOODLE in advance: i. Tutorial Sheets (wherever applicable), ii. Presentations / Case Studies / Notes (wherever applicable), iii. E-Book(s) for the course. (Faculty members to ensure that copyright of the uploaded material is not violated), iv. Lab Video - Demonstration of the Practical conduct by the concerned faculty member with at-least 10 video 4. Title of the practice: Energy conservation: The University has installed LED lights at all major areas to reduced electricity consumption. Solar powered lamps are in use for street lighting. 900 KW Solar Power Plant (Roof Mounted) has been installed at Rooftop of various buildings to generate Renewable / Green Energy. 5. Title of the practice: 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. More than 100 students were able to complete their degree in time.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://www.smvdu.ac.in/index.php/about-us/igac>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

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 has

continuously been focusing on Research related activities since its inception and had established the Ph.D. program very early. 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. Some labs have been established in collaboration with industry with prominent names as Intel 5G IoT Lab, Adobe Experience Manager, SMVDU Freescale systems Lab, EMC2 Lab and Xilinx Lab. 4. 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 16 years has produced 115 Ph.D.s while 191 students are enrolled currently out of which 71 are receiving Assistantship. 8. Various Research Projects of amounting Rs. 51,66,87,967/- are running during 2019-20. 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 1000 papers in various Journals, primarily at the International level, in the last five years. Among these, 700 Journals are indexed in SCI/ESCI/Scopus. 11. Currently, 85 of the regular 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.

Provide the weblink of the institution

https://www.smvdu.ac.in/images/stories/pdf/igac/2021/16082021_performance.pdf

8.Future Plans of Actions for Next Academic Year

Right from inception the focus of the university has been primarily on the Engineering programs however, now that the university has stabilized, it has been decided to focus on enhancing the bouquet of programs available to the students to enhance the diversity of the academic work. It is planned to introduce a slew of Integrated programs in Science, Humanities Management with exit option available to the students after successful completion of the graduation part of the program viz. Bachelor's in Pharmacy, B.Sc. (Honours), B.A.(Honours) BBA(Honours). It is envisaged to start the following programs from the forthcoming session: Integrated B.Sc. (Honours) Botany - M.Sc.(Botany) Integrated B.Sc. (Honours) Mathematics - M.Sc.(Mathematics) Integrated B.Sc. (Honours) Chemistry - M.Sc.(Chemistry) Integrated B.Sc. (Honours) Physics - M.Sc.(Physics) Integrated B.A. (Honours) English - M.A.(English) Integrated B.A. (Honours) Philosophy - M.A.(Philosophy) Integrated B.Sc. (Honours) Economics - M.Sc.(Economics) Integrated B.A. (Honours) Economics - M.A.(Economics) Integrated MBA (BBA (Honours) -MBA) Further, it has also been decided to enhance the number of M.Sc. programs by adding the following programs to complete the bouquet of basic science programs: 1. M.Sc.(Botany) 2. M.Sc. (Chemistry) Considering the steep requirement of well trained professionals in the fast growing field of Journalism and Mass Communication, it has also been decided to initiate the M.A. (Journalism Mass Communication) program from the forthcoming session. Keeping in consonance the mandate of the university, M.A.(Sanskrit) program with focus on Vedic Studies is also planned to be offered in near future. It is also envisaged to conduct an Academic and Administrative Audit of the University in next Academic Year. Online Teaching-Learning Process: In view of the restriction placed due to COVID 19, the university will continue to conduct on-line classes for which all related tools are being viewed. The University will continue to use

MOODLE, LMS. University shall adopt major provisions of the NEP 2020, to the extent possible, from Academic Session 2021-22. Universities shall work towards Inter-University credit-transfer policy, in line with the NEP-2020. The enrollment of the Students shall be enhanced by offering new programs and by increasing the intake of the existing program in demand, in line with the NEP-2020.