SELF STUDY REPORT

FOR

3rd CYCLE OF ACCREDITATION

MAHARSHI DAYANAND UNIVERSITY

MAHARSHI DAYANAND UNIVERSITY, ROHTAK
124001
www.mdurohtak.ac.in

SSR SUBMITTED DATE: 16-09-2018

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

September 2018

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

The Maharshi Dayanand University, Rohtak was established in 1976, through an act of Haryana Legislative Assembly with the objective to promote inter-disciplinary higher education and research with special emphasis on studies of environmental, ecological and life sciences. The University has 11 faculties inhabiting 38 University teaching departments/centers/institutes running 159 programmes.

The University is fast marching ahead with determined efforts to achieve academic excellence of reckoning. Well-qualified experienced faculty and superior academic credentials, hardworking members of the staff, congenial academic and administrative environment, transparent, dynamic, responsive, and responsible administrative set-up, strategic academic and research linkages at national and international level, Wi-Fi CAMPUS, state-of-the-art library services, a time-tested tradition of timely holding examinations and time-bound result declaration, pulsating campus life, ample career growth opportunities for students, and harmonious relationship among all stakeholders are its essential hallmarks. It is truly growing to be a Centre of Academic Excellence, cherishing a will to deliver quality education, with decisive focus on upliftment of women and rural students, and a sense of commitment to contribute its mite to social, community, and national cause.

To sum up, the M.D. University has a *rich past, excellent present, and immensely promising future*, which combines the best of traditional and modern educational endeavors, and is indeed all set to empower the students in their desire and drive to be the best and the most relevant ahead of times. Backed by visionary leadership, University is committed for fulfillment of its vision and mission.

Vision

The University aspires to be a leading 'transformative learning community' recognized world-wide for excellence in teaching, research and service and as a catalyst for intellectual, social, cultural and economic development.

http://dms.mdu.ac.in/NaacDocs/0001_8_Graduate Attributes_GraduateAttributes.jpg

Mission

The University is committed to transform lives and serve the society through pursuit of excellence in teaching, innovation, lifelong learning, cultural enrichment and outreach services.
To achieve its Vision and Mission, the University will endeavour:

1. To provide intellectually inspiring, academically challenging and supportive environment conducive to positive personal growth.
2. To provide a comprehensive education, benchmarked against the highest global standards.
3. To engage in innovative, high-impact and leading-edge research within and across disciplines.
4. To produce graduates of distinction committed to academic/professional excellence and lifelong learning.

5. To provide a safe, healthy and sustainable workplace.
6. To act in partnership with the community over the generation, dissemination and application of knowledge.
7. To act as a gateway and forum for scholarship with rest of the world

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Green and environment friendly, Wi-Fi enabled 622 acres campus with modernized physical facilities
- World class well stocked library with 24 X 7 reading facility
- International standards sports facilities nurturing Olympian, Asian and Commonwealth Games medalists
- 24x7 video surveillance to ensure safer workplace
- Well nurtured research ecosystem for quality research and IPR generation
- Active engagement in outreach activities
- Good research funding from sponsored research projects and in house schemes
- Diversity of academic programmes with well-defined Programme outcomes and Course outcomes
- Value added programmes and courses to impart life skills
- Experienced, qualified and research - oriented faculty
- E-governance in all the areas of operation including online student management system, effective, quick and unbiased examination system
- Transparent system for student's admission adhering government guidelines
- Quality students with diverse background, good pass percentage and minimal dropout rate
- Conducive, student centric, ragging free and supportive environment
- Well established financial support system for students in terms of various government/non-government scholarships/fellowships schemes
- Effective grievance redressal system.
- Capabilities enhancement of students though CCPC, UCCE, Youth centre for skill development
- Effective leadership in tune with the vision, mission and core values of the University.
- Decentralized, participative management maintaining transparency in financial, academic, administrative and auxiliary functions
- Good number of welfare measures for teaching and non-teaching staff
- Practice of promoting university, national and human values along with communal/social cohesion and national integration

Institutional Weakness

- Limited industry academia interactions
- Deficiency in foreign / foreign qualified / industry experienced faculty
- Shortage of teaching staff in some specialized domains.
- Weak foreign - domestic student ratio
- Weak consultancy and industrial funding
- Lack of global exposure to the students
- Limited funds/grants received from non-government bodies/individuals for the purpose other than research

Institutional Opportunity

- Potential to become global university
- Sponsored research projects from non-government funding agencies/industries.
- Students and teachers exchange programmes with foreign universities.
- Good opportunities for University–Industry interactions for collaborative & sponsored research, consultancy services, IPR generation and technology transfer
- More MoUs with top ranked Universities and research institutions
- Utilization of the Alumni base for development of the University, placements of the students and resource generation.
- Strategic tie-ups with corporate sector and apex industrial associations
- Scope of attracting foreign students
- Enhancement of placement activities
- Hosting international sports events

Institutional Challenge

- Meeting the quality standards of Industries to develop an effective industry academic interaction
- Attracting and retaining foreign students and faculty
- Growth of private sector as providers of education, challenge from new private universities with modern infrastructure.
- Competing with Foreign Universities in India
- Coping up with ever-increasing aspirations of the students and other stakeholders
- Strengthening the soft skills to improve carrier prospects of all students

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Effective curriculum delivery is attained through well planned and documented process. Academic Council Board of Studies and other academic committees work in coordination to strengthen curricular, co-and extra-curricular activities. Activities are planned in advance to accomplish vision and mission of the University. University offers as many as 159 academic programmes through its departments. Introduction of Choice Based Credit System (CBCS) in academic programmes of the University offered more academic flexibility to enhance employability skills of the students by integrating discipline specific, interdisciplinary/multidisciplinary electives in curricula to meet student's interests and aspirations. Courses relevant to Gender Sensitivity, Professional Ethics, Human Values and Community Outreach are also integrated in relevant programmes. Environmental issues and its sustainability is an integral part of most of the UG/PG programmes. Value-added certificate programs inculcate research aptitude, soft skills, personality development, transferable and life skills to keep students conversant with current global scenario. While value-addition courses like Communication Skills, Foreign Languages and training in music facilitate holistic development of students.

University has application oriented programmes through internship, projects, field work etc. The academic programmes offered by MDU are designed and developed to fulfil the vision and mission of the University and

at the same time taking into account the feedback obtained from various stakeholders (Students, Parents, Alumni, Teachers and Employer) as well adhering to Regulatory requirements (as per guidelines of regulatory bodies like AICTE, PCI, BCI and NCTE wherever applicable).

Teaching-learning and Evaluation

Maharshi Dayanand University, a fast growing hub of wide range of programmes/courses in the traditional, professional, and job-oriented streams and consistently endeavored to improve and strengthen the system and procedures related to Teaching Learning and Evaluation. The major initiatives include introduction of CBCS, examination reforms including IT integration and continuous internal assessment system, student life cycle management system, launching learning management systems etc., to name a few. University assesses the learning levels of the students, after admission and organizes special programmes for advanced learners and slow learners and for this purpose, faculty mentors provide their mentees one to one counseling on improvement areas to slow learners.

As part of quality initiatives, University has defined programme outcomes, programme specific outcomes and course outcomes in academic programmes and displayed on the university website to facilitate accessibility to various stakeholders including the teachers and students. University has developed a resource of experienced and well qualified teaching faculties to impart better academic and research training to the students. University teachers tend to equip themselves with latest knowledge through various online and offline resources for development of better teaching learning outcome. University has developed congenial academic environment to efficiently inculcate graduate attributes among its students. University`s quality initiatives has attracted quality students in various programs which in turn has significantly improved, student demand ratio, pass percentage of students and minimal dropout rate. University has maintained student's diversity, along with adhering to government reservation policy.

Research, Innovations and Extension

University is having state of the art academic and research facilities, financial support system to promote advanced research. In the last five years, 73 research projects worth Rs. 25.22 crores were funded by government and non-government agencies.In line, twelve University Teaching Departments have received financial grant under the UGC-SAP, CAS, DST-FIST, DBT, ICSSR etc. The University faculty has published research papers in the quality journals duly notified on UGC website. The university has h-index 30 (SCOPUS including self citation) calculated for last five years. 629 books/books chapters/ proceedings are published since last accreditation. A total number of 897 last five years. 457 JRFs, SRFs, Post Doctoral Fellows, Research Associates and Project Fellows have been enrolled in the university in this period.

The University has well defined "Research Promotion Policy" and "Code of Ethics for Academic Integrity and Plagiarism" to promote research and to check malpractices and Plagiarism. University IPR cell conducted 20 workshops and sensitization programs on IPR issues and Industry-Academia Innovative practices and enabled the faculty members to fetch, 13 Patents. University promotes collaborative research activities and in this direction, 62 research activities and 39 linkages for research, faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc., 16 MoUs with institutions of national, international importance, other universities, industries and corporate houses etc., were established. University is actively engaged in outreach activities and organized 73 extension cum outreach programmes in collaboration with industry, community and Non-Government Organizations.

Infrastructure and Learning Resources

The physical facilities of the Maharshi Dayanand University are enormous to support the teaching- learning activities. The campus spreaded over an area of 622 acres with a built up area of 3,75,000 sq. meters, with 18 teaching blocks accommodate 38 University Teaching Departments. Total 279 classrooms including 245 with LAN and Wi-Fi, 177 departmental laboratories and one Central Instrumentation Laboratory, 2285 PCs, 150 laptops are of great help. Sports facilities of the University are state-of-the-art in nature. Counting a few synthetic athletics track (8 lane 400 mtr), Grassy Cricket Ground (50000 sq. mtr), Football Ground (10000 sq. mtr.), Hockey Ground, Volley Ball Courts, Badminton Courts etc.

Library has rich collection of books, journals and other reading materials in print and digital format. International databases – CMIE, Manupatra, Emerald, Scopus, and ICI are some of the emphasized available resources. Library system has fully computerised its operations and services using LibSys7 (Rel. 3.0) software. Remote access to e-resources is provided through EZproxy. University Computer Centre housed with a data centre having 16 Blade Servers (Dual CPU – 16 to 24 core each) hosting more than 50 virtual servers and 600 TB unified storage is being used for CCTV surveillance. Periodic and preventive measures are taken with utmost care to sustain the infrastructural aspects in terms of its maintenance by outsourcing the services like housekeeping, electricity, public health, horticulture and security etc. The optimal utilization of class rooms, labs, sports, library and IT facilities are done by the university fraternity

Student Support and Progression

University has a very conducive, student centric, ragging free and supportive environment where students of diverse sections of the society come to pursue higher education. University has well established financial and non financial student support system. University have financially supported approximate 10000 students in last five year under various government and non government fellowships schemes. Additionally, University has offered various capabilities enhancement schemes for personal, interpersonal and professional development of the students for better job opportunities. University efforts has enabled more than 4000 students to fetch job opportunities in various job sectors. University`s conducive academic environment, excellent support of UCCE has enabled a large fraction of the students to quality various national level examinations, as well as to progress toward higher studies in reputed academic institutions. Proactive University Foreign student cell has attracted a number of international students to persue studies in various programmes.

University has an effective, unbiased grievance redressal system to have check on unethical, unhealthy and unprofessional activities in the campus. University has well established Department of Students Welfare and Directorate of Sports for holistic development of students through engaging them in cultural and sport activities. University sports centre is a proud incubation centre which has nurtured a number of Olympian, Commonwealth Asian and national games medalists/awardees. Alumni are asset to an institution, accordingly University nurtures the alumni association/chapters to facilitate them to take active part in the growth and development of the University through financial and non-financial means.

Governance, Leadership and Management

Competent leadership at different levels of the University with a well-defined system support and organizational structure, enhanced the academic and administrative effectiveness by ensuring that the action

plans are specifically aligned to the vision and mission of the University. The University follows decentralized and participative management approach in all kinds of academic and administrative activities. Every activity of the University is governed by the Act, Statute`s and Ordinances. Recruitments/promotions are made following an established and transparent process. The grievances are attended promptly. E-governance has been implemented in almost all areas of operation. The University's bodies/cells/ committees function effectively.

The University has various effective welfare measures for its staff. Teachers are provided with adequate necessary support to attend conferences, workshops, professional development programmes, etc. The University organizes sufficiently good number of professional development/ administrative training programmes for its staff. The University has a well devised performance appraisal system for teaching as well as non-teaching staff. The University has a well-structured mechanism for its internal and external financial audits. University generates/mobilizes funds from various sources and has identified more sources for the same. To monitor effective utilization of funds, the University has codified its own financial rules and regulations. The IQAC continuously works on all the quality evolving facets of the University. The teaching learning process and learning outcomes are reviewed through feedback obtained from stakeholders, Quality Advisory Council, Academic Audit. The University has taken a good number of post accreditation quality initiatives.

Institutional Values and Best Practices

Maharshi Dayanand University Rohtak named after iconic social reformer of India Maharshi Dayanand, functions to promote humanitarian, moral, nationalistic, gender-equity, socially-inclusive, environmental consciousness, scientific and modern outlook related values. University has incorporated various values and attributes within its regular functioning and organizes sensitization programmes on Women Safety, Gender Equality, Environmental Sustainability etc. As an initiative towards safety-security of girl students, University have proactive cell for "Prevention of Violence and Sexual Harassment against Women", 24 x7 CCTV surveillance check and security checks.

University is committed toward environment sustenance and took a number of initiatives like solar power system to meet energy requirement, comprehensive waste management system, elaborate network of rainwater harvesting system, etc. University inculcates societal values among students by engaging them in the activities organized by National Service Scheme, Youth Red Cross , University Outreach Programme, Women Studies Centre, Multi-Stakeholder Framework for Development, etc. The University has adopted five villages for community Development purpose as part of University Outreach. University has well described Vision and Mission, Core Values, Code of Conduct for developing well disciplined academic environment. University also maintains complete transparency in financial, academic, administrative and auxiliary functions, and conducts all such functions as per statutes and ordinances of MDU Act. MDU fervently celebrates all important days of national importance and birth/death anniversaries of great Indian personalities. A whole-lot of activities/events are organized to promote universal values, national values, human values, communal and social cohesion, and national integration.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the University	
Name	MAHARSHI DAYANAND UNIVERSITY
Address	Maharshi Dayanand University, Rohtak
City	Rohtak
State	Haryana
Pin	124001
Website	www.mdurohtak.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Dean	Ajay K. Rajan	01262-262208	9416536205	01262-274710	convener.mdussr@mdurohtak.ac.in
Vice Chancellor	Bijender K. Punia	01262-274327	9416173433	01262-274133	vc@mdurohtak.ac.in

Nature of University	
Nature of University	State University

Type of University	
Type of University	Affliating

Establishment Details	
Establishment Date of the University	19-04-1976
Status Prior to Establishment,If applicable	

Recognition Details			
Date of Recognition as a University by UGC or Any Other National Agency :			
Under Section		**Date**	**View Document**
2f of UGC		16-03-1979	View Document
12B of UGC		17-02-1983	View Document

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

Location, Area and Activity of Campus							
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**	**Programmes Offered**	**Date of Establishment**	**Date of Recognition by UGC/MHRD**
Main campus	Maharshi Dayanand University, Rohtak	Urban	622	375000	UG, PG, Diploma, PG Diploma, Certficate, M. Phil, Ph.D.		
Satellite Campus	*Maharshi Dayanand University Centre For Professional And Allied Studies (mducpas), Sector-40, Gurugram-122001 (haryana)*	*Urban*	*5.345*	*5771*	*UG, PG*	*30-08-2000*	*07-09-2015*

2.2 ACADEMIC INFORMATION

Affiliated Institutions to the University

Type of Colleges	Permanent	Temporary	Total
Law	0	9	9
Education/Teachers Training	4	118	122
Business Administration/Commerce/Management/Finance	0	18	18
Engineering/Technology/Architecture/Design	2	42	44
Universal/Common to All Disciplines	41	47	88

Furnish the Details of Colleges of University

Type Of Colleges	Numbers
Constituent Colleges	0
Affiliated Colleges	281
Colleges Under 2(f)	4
Colleges Under 2(f) and 12B	44
NAAC Accredited Colleges	76
Colleges with Potential for Excellence(UGC)	2
Autonomous Colleges	0
Colleges with Postgraduate Departments	118
Colleges with Research Departments	0
University Recognized Research Institutes/Centers	0

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)	: Yes

SRA program	Document
AICTE	[101766_1937_1_1532342984.pdf](101766_1937_1_1532342984.pdf)
NCTE	[101766_1937_4_1532343521.pdf](101766_1937_4_1532343521.pdf)
BCI	[101766_1937_8.PDF](101766_1937_8.PDF)
PCI	[101766_1937_6.pdf](101766_1937_6.pdf)

Details Of Teaching & Non-Teaching Staff Of University

Teaching Faculty											
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned				44				65				441
Recruited	8	1	0	9	23	9	0	32	181	157	0	338
Yet to Recruit				35				33				103
On Contract	0	0	0	0	0	0	0	0	37	35	0	72

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned				1625
Recruited	764	212	0	976
Yet to Recruit				649
On Contract	194	90	0	284

Technical Staff				
	Male	Female	Others	Total
Sanctioned				161
Recruited	91	3	0	94
Yet to Recruit				67
On Contract	4	1	0	5

Qualification Details of the Teaching Staff

Permanent Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	8	1	0	23	9	0	155	136	0	332
M.Phil.	0	0	0	0	0	0	2	7	0	9
PG	0	0	0	0	0	0	24	14	0	38

Temporary Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	4	11	0	15
M.Phil.	0	0	0	0	0	0	3	2	0	5
PG	0	0	0	0	0	0	31	21	0	52

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

Distinguished Academicians Appointed As

	Male	Female	Others	Total
Emeritus Professor	2	0	0	2
Adjunct Professor	0	0	0	0
Visiting Professor	0	0	0	0

Chairs Instituted by the University

Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	Social Sciences	Pt. Jawaharlal Nehru	Maharshi Dayanand University Rohtak
2	Social Sciences	Dr B. R . Ambedkar	Maharshi Dayanand University Rohtak
3	Social Sciences	Sir Chhotu Ram	Maharshi Dayanand University Rohtak
4	Humanities	Maharshi Balmiki	Maharshi Dayanand University Rohtak
5	Humanities	Surya Kavi Pt. Lakhmi Chand	Maharshi Dayanand University Rohtak
6	Humanities	Maharshi Dayanand	Maharshi Dayanand University Rohtak
7	Humanities	Maharshi Dayanand Saraswati	University Grants Commission New Delhi Recommended
8	Humanities	Sant Sahitya Shodh Peeth	Maharshi Dayanand University Rohtak
9	Social Sciences	Ch. Ranbir Singh	Maharshi Dayanand University Rohtak
10	Humanities	Dr. Mangel Sen	Maharshi Dayanand University Rohtak
11	Social Sciences	Pt. Deen Dayal Upadhyay	Maharshi Dayanand University Rohtak

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

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
PG Diploma recognised by statutory authority including university	Male	39	3	0	0	42
	Female	60	2	0	0	62
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	83	8	0	2	93
	Female	150	10	0	0	160
	Others	0	0	0	0	0
Diploma	Male	36	2	0	0	38
	Female	19	2	0	0	21
	Others	0	0	0	0	0
Certificate	Male	86	1	0	0	87
	Female	33	0	0	0	33
	Others	0	0	0	0	0
Pre Doctoral (M.Phil)	Male	50	3	0	0	53
	Female	92	1	0	0	93
	Others	0	0	0	0	0
UG	Male	2753	196	0	4	2953
	Female	589	44	0	1	634
	Others	0	0	0	0	0
PG	Male	2438	97	0	5	2540
	Female	2823	165	0	2	2990
	Others	0	0	0	0	0

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

Integrated Programme	From the State where university is located	From other States of India	NRI students	Foreign Students	Total
Male	1407	31	0	7	1445
Female	818	27	0	2	847
Others	0	0	0	0	0

Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	01-01-1970
Number of UGC Orientation Programmes	0
Number of UGC Refresher Course	0
Number of University's own Programmes	0
Total Number of Programmes Conducted (last five years)	0

Accreditation Details

Cycle Info	Accreditation	Grade	CGPA	Upload Peer Team Report
Cycle 1	Accreditation	80.25	B++	PEER Team Visit Report 2003.pdf
Cycle 2	Accreditation	3.03	A	PEER Team Visit Report 2013.pdf

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Biochemistry	[View Document](#)
Botany	[View Document](#)
Centre For Bioinformatics	[View Document](#)
Centre For Biotechnology	[View Document](#)
Centre For Medical Biotechnology	[View Document](#)
Chemistry	[View Document](#)
Commerce	[View Document](#)
Computer Science And Applications	[View Document](#)
Defence And Strategic Studies	[View Document](#)
Economics	[View Document](#)
Education	[View Document](#)
English And Foreign Language	[View Document](#)
Environmental Science	[View Document](#)
Food Technology	[View Document](#)
Genetics	[View Document](#)
Geography	[View Document](#)
Hindi	[View Document](#)
History	[View Document](#)
Institute Of Hotel And Tourism Management	[View Document](#)
Institute Of Management Studies And Research	[View Document](#)
Journalism And Mass Communication	[View Document](#)
Law	[View Document](#)
Library And Information Science	[View Document](#)
Mathematics	[View Document](#)
Microbiology	[View Document](#)
Music	[View Document](#)
Pharmaceutical Sciences	[View Document](#)
Physical Education	[View Document](#)

Physics	[View Document](#)
Political Science	[View Document](#)
Psychology	[View Document](#)
Public Administration	[View Document](#)
Sanskrit Pali And Prakrit	[View Document](#)
Sociology	[View Document](#)
Statistics	[View Document](#)
University Institute Of Engineering And Technology	[View Document](#)
Visual Arts	[View Document](#)
Zoology	[View Document](#)

3. Extended Profile

3.1 Program

Number of programs offered year-wise for last five years

2017-18	2016-17	2015-16	2014-15	2013-14
159	157	155	159	147

File Description	Document
Institutional Data in Prescribed Format	[View Document](#)

Number of departments offering academic programes

Response : 38

File Description	Document
Institutional Data in Prescribed Format	[View Document](#)

3.2 Students

Number of students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
9799	9873	9460	9419	9037

File Description	Document
Institutional Data in Prescribed Format	[View Document](#)

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

2017-18	2016-17	2015-16	2014-15	2013-14
3034	3047	2937	3015	3026

File Description	Document
Institutional Data in Prescribed Format	[View Document](#)

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

2017-18	2016-17	2015-16	2014-15	2013-14
9072	8742	8358	8184	7312

File Description	Document
Institutional Data in Prescribed Format	[View Document]()

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

2017-18	2016-17	2015-16	2014-15	2013-14
410	418	412	413	421

3.3 Teachers

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

2017-18	2016-17	2015-16	2014-15	2013-14
3647	3518	3474	3316	3404

File Description	Document
Institutional Data in Prescribed Format	[View Document]()

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

2017-18	2016-17	2015-16	2014-15	2013-14
379	362	371	384	389

File Description	Document
Institutional Data in Prescribed Format	[View Document]()

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

2017-18	2016-17	2015-16	2014-15	2013-14
550	548	549	565	550

File Description	Document
Institutional Data in Prescribed Format	[View Document]()

3.4 Institution

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

2017-18	2016-17	2015-16	2014-15	2013-14
110558	76849	55016	59453	60855

File Description	Document
Institutional Data in Prescribed Format	[View Document](#)

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

2017-18	2016-17	2015-16	2014-15	2013-14
2037	2441	2444	2993	2658

File Description	Document
Institutional Data in Prescribed Format	[View Document](#)

Total number of classrooms and seminar halls

Response : 279

Total number of computers in the campus for academic purpose

Response : 2285

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

2017-18	2016-17	2015-16	2014-15	2013-14
12629.22	13135.54	11494.47	13411.66	16156.76

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

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

Response:

Maharshi Dayanand University has well defined procedures to design new curricula and revise/amend the existing curricula. For this purpose, the apex body is the Academic Council well supported by bodies including Faculty concerned, Board of Studies (Under-Graduate and Post-Graduate) of the concerned subjects and the Departmental Committees.

Departmental Committees/Task Committees identify and assess/evaluate the local/national/regional/global needs in order to make the curricula of the programmes/courses relevant to such needs. This task is done by involving the experts from academia and industry; taking into account the feedback obtained from various stakeholders namely students, alumni, parents, employers and faculty members; inputs from the analysis of the annual Academic Audit conducted to ensure the continual assessment.

Responding to needs identified, University has introduced the Choice Based Credit System (CBCS) enabling greater academic flexibility and increased employability skills of the students in line with professional and personal aspirations. Courses relevant to Gender Sensitivity, Professional Ethics and Human Values are also integrated in relevant programmes for holistic development of students. University has also incorporated internship, projects, field work in the curriculum to ensure that the students are exposed to the developmental requirements of the country in general and local/regional requirements in particular.

University has developed outcome based curricula in all 159 programmes offered by it through 38 departments under 11 faculties. University has identified POs, PSOs, COs for all UG, PG, Diploma, PG Diploma, MPhil and PhD programmes.

Regarding the programme outcomes, suitable descriptions at departmental level and faculty level helped framing at course level further mapped onto programme specific outcomes subsequently to programme outcomes. The outcomes as stated have been incorporated in the prescribed curriculum and displayed on the university website to facilitate accessibility to various stakeholders including the teachers and students.

The entire effort has been made in line with the broad guidelines of the statutory bodies such as UGC, AICTE, PCI, BCI, NCTE, etc. The course outcomes designed to cover the prescribed syllabus and designated competencies are embedded in the assessment pattern based upon both internal and external examination system. The entire exercise is carried out with a focus on inter-disciplinary approach leading to critical and collective understanding of scientific, technological, societal and environmental issues in global context. The outcomes have been designed with a view to develop sensibilities towards nation-building, namely, social cohesion, peace and harmony, peaceful co-existence, responsibility and accountability, and ethical values.

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

Response: 81.07

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

Response: 137

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

Response: 169

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

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

Response: 96.91

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

2017-18	2016-17	2015-16	2014-15	2013-14
3567	3493	3425	3208	3136

File Description	Document
Program/ Curriculum/ Syllabus of the courses	View Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document
Average percentage of courses having focus on employability/ entrepreneurship	View Document

1.2 Academic Flexibility

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

Response: 63.5

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

Response: 2383

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

Response: 3753

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

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

Response: 57.23

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

Response: 91

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

1.3 Curriculum Enrichment

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

Response:

The cross cutting issues relevant to gender, environment and sustainability, human values and professional ethics have been duly incorporated into the curricula of different types of courses in the University for the holistic development of students.

Gender sensitization

The courses on gender sensitization like Gender, School and Society and Literature and Gender offered by the University, aim to develop students' sensibility with regard to issues of gender in contemporary India, to provide a critical perspective on the socialization of men and women, to help them reflect critically on

gender violence and to hone them for more egalitarian interactions between men and women. After successful completion of the course, students will develop a better understanding of important issues related to gender, get sensitized to basic dimensions of the biological, sociological, psychological and legal aspects of gender and attain a finer grasp of how to counter gender discrimination works in our society and how to counter it. Students also imbibe a sense of appreciation of woman in all walks of life.

Environment and Sustainability

The University through its courses like Environmental Chemistry, Environmental issues, Disaster Management, Climatology, Environmental Geography, Environment Law, Health Education and Environmental Studies, Sources of Energy and Environmental Studies integrates cross cutting issues related to environment and sustainability. The importance of saving our ecosystem is more critical today than ever. The University included a compulsory paper on Environmental Studies to make the citizens of tomorrow to realize their duties by giving them a complete understanding of our ecosystems, natural resources, bio diversity, biotic resources, pollution, its various causal factors and its management.

Human Values and Professional Ethics

The courses like Moral Education, Society & Culture of India, Media Laws & Ethics, Sociology of Human Rights and Duties, Globalization & Society, Sociology of Marginalized Communities and Biosafety & Ethics in Science etc. running in the University help to inculcate the human values and professional ethics in the students.

All these cross cutting issues facilitate the holistic development of students by ensuring a positive perspective towards life, career and happiness. Highlighting plausible implications in terms of cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics covered in various courses make the students to be completely ready to face the personal, societal and professional challenges.

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	View Document
Any additional information	View Document

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

Response: 101

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

Response: 101

File Description	Document
List of value added courses	View Document
Brochure or any other document relating to value added courses	View Document

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

Response: 20.9

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

2017-18	2016-17	2015-16	2014-15	2013-14
4701	3805	834	450	396

File Description	Document
Any additional information	View Document

1.3.4 Percentage of students undertaking field projects / internships

Response: 53.63

1.3.4.1 Number of students undertaking field projects or internships

Response: 5255

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

1.4 Feedback System

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

B. Any 3 of above

C. Any 2 of above

D. Any 1 of above

Response: A. Any 4 of above

File Description	Document
Action taken report of the University on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback processes of the institution may be classified as follows:
A. Feedback collected, analysed and action taken and feedback available on website

B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

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

File Description	Document
Any additional information	View Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

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

Response: 3.86

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

2017-18	2016-17	2015-16	2014-15	2013-14
548	500	349	234	223

File Description	Document
List of students (other states and countries)	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

2.1.2 Demand Ratio(Average of last five years)

Response: 15.21

2.1.2.1 Number of seats available year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
4795	4786	4793	5031	4466

File Description	Document
Demand Ratio (Average of Last five years)	[View Document](#)

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

Response: 79.21

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

2017-18	2016-17	2015-16	2014-15	2013-14
1804	2078	1834	2233	1933

File Description	Document
Average percentage of seats filled against seats reserved	[View Document](#)

2.2 Catering to Student Diversity

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

Response:

Students are the primary stakeholders of the University. The students enrolled in Maharshi Dayanand University are of diverse socio- economic background majority especially from rural areas. Under such conditions variations in the learning potentials of the students are bound to exist. The University identifies the slow, average and advanced learners and makes efforts to address their specific needs through various types of assessment including the following:

Assessment of the Students

- Initially, for admission to various programmes running in the University, the students are evaluated based on their performance in the national/ state/ university level entrance examination. For Doctorate and some Post Graduate programmes, apart from the written examination, personal interviews are also conducted to gauge their level of knowledge.

· Induction-cum-orientation programmes is conducted for the newly enrolled students in every academic session. As a general practice, before the commencement of teaching of any programmes, the teachers interact with the students to ascertain their background, subject stream, medium of education, dispositions, aptitude match for the current programmes, aspiration, area of interest, learning needs and skills.

- Each faculty identifies the slow, average or advance learners by interacting with the students during class hours.
- Mentors assigned to the students also identify the pace of learning of their respective mentees.
- A systematic evaluation process is used to assess the learning levels of the students. This evaluation process consists of written examination, individual/group presentation, project, practical examination with viva-voce, written assignment, class test(s), etc.

Special programmes for slow learners

- One to one counseling is provided to the slow learners by the concerned mentors on target areas.
- Tutorial credits are the parts of the total credits assigned to the theory courses for various

programmes running in the University. Slow learners have the advantage of tutorial classes where they get the individualized attention.

- Every basic instruction and concept are repeated time and again by the faculty members during the class hours. Notes, assignments, presentations etc. are also provided to such students by the faculty members.

Special Programmes for Advance Learners

- Advance learners are encouraged to attend Workshops/ Seminars/ Conferences on the campus to keep them updated on advancements in academics and related areas.
- Career Counselling & Placement Cell and the Dean Student Welfare office of the University conduct special workshops/seminars to improve the hands-on skills of the students.
- Learning needs of the advance students are further addressed by giving them coaching for NET/JRF/GATE and other competitive examinations by the University Centre for Competitive Examinations of the University.
- Special assignments in the form micro projects are given.
- Such students are also encouraged to undergo additional courses of their interest opting from Massive Open Online Courses (MOOCs) and other online courses and acquire the additional credits.

File Description	Document
link for additional information	[View Document](#)

2.2.2 Student - Full time teacher ratio

Response: 25.85

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0.41

2.2.3.1 Number of differently abled students on rolls

Response: 40

File Description	Document
List of students(differently abled)	[View Document](#)
Institutional data in prescribed format	[View Document](#)

2.3 Teaching- Learning Process

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

Response:

The broad aim of teaching – learning is to broaden the mental horizon of the students and increase their knowledge base so that they become conceptually clear and be able to apply that knowledge for the solution of their own as well as social problems. To ensure that the students are conceptually sound and able to apply the concepts in the practical situations the university has adopted various methods of experiential and participative learning and has been using problem solving methodologies for enhancing learning experiences.

Experiential learning

- The Lab work for the Labs is designed/assigned in such a way so as to give opportunity to the students for experiential learning.
- Internships/field training are integrated into the programme structure of both UG and PG programmes, wherever applicable.
- Presentations by the students are required in each of the courses as the same are the parts of marks to be awarded for internal assessment. Through such presentations, the students have experiential learning.
- Experts from industry share their experience with the students which prepare them for the real time job scenario. They are also taken to field/industry visits and study tours in India. It exposes them to the world of practical knowledge to hone their skills and abilities.
- The final year PG students, particularly in sciences /engineering, work as teaching assistants for conducting laboratory classes for their juniors which gives them an experience in academics.
- Ph.D. students are assigned classes, normally 4-6 hours per week, which enhance their experiential learning.
- The students take active part in organizing various extra and co-curricular events which help them develop their skills. Special programmes on Women's Day, Republic Day, International Yoga Day, Independence Day, etc. are also conducted by them.

Participative learning

- Students undertake group activities such as project assignments, case-study analysis which lead to participative learning. The learning outcomes of these activities are discussed and shared with the entire class.
- Through group discussions/seminars also, the students learn in participative manner.
- Students are got involved in organization of seminars/workshops/conferences and various other programmes.
- There is provision of involving the students in various bodies including The Court, the Academic Council, YRC, NSS and Quality Advisory Council of the University through which the participative learning of the students is enriched.
- Students are encouraged to participate in inter-university, technical, sports and various other competitions

- Students participate in various outreach programmes, social and extension activities.

Problem solving methodologies

- Along with the classroom teaching and laboratory- experiment- based learning, students are also

- involved in projects which help enhance the real-life problem solving abilities of the students.
- The Dean, Students' Welfare office has initiated 'Think Tank', a group activity wherein the students discuss variety of issues and problems faced and their solutions.
- Assignments given so that students enhance their hands on experience in problem solving.
- Quiz contests are also conducted from time to time to keep the students in a competitive environment and to check the overall progress of the class.

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

Response: 91.56

2.3.2.1 Number of teachers using ICT

Response: 347

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

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

Response: 25.85

2.3.3.1 Number of mentors

Response: 379

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 68.25

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	[View Document](#)
List of the faculty members authenticated by the Head of HEI	[View Document](#)

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

Response: 86.16

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

2017-18	2016-17	2015-16	2014-15	2013-14
331	312	319	332	330

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

2.4.3 Teaching experience per full time teacher in number of years

Response: 16.07

2.4.3.1 Total experience of full-time teachers

Response: 6092

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

Response: 30.24

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

2017-18	2016-17	2015-16	2014-15	2013-14
33	27	13	23	18

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document

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

Response: 17.96

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

2017-18	2016-17	2015-16	2014-15	2013-14
100	98	99	100	99

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

2.5 Evaluation Process and Reforms

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

Response: 33.4

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

2017-18	2016-17	2015-16	2014-15	2013-14
22	29	38	43	35

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

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

Response: 5.11

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

2017-18	2016-17	2015-16	2014-15	2013-14
416	430	423	423	427

File Description	Document
Any additional information	[View Document](#)

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

Response: 3.09

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

2017-18	2016-17	2015-16	2014-15	2013-14
19	11	13	10	11

File Description	Document
Any additional information	[View Document](#)

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

Response:

A journey from a Manual Examination System to e-Governance System (as a part of Examination Reforms) which started in 2009 in Maharshi Dayanand University (MDU), Rohtak upon implementation of custom-built e-Governance System followed by implementation of globally-renowned SAP Enterprise Resource Planning (ERP) System (SLcM, Finance & Human Capital Management) from 2014 onwards, has proved quite effective for entire Student Lifecycle Management (SLcM). The Education Eco-System as a whole, especially the students have been significantly impacted due to upgradation of the critical aspects of SLcM to the next level which is a fallout of the continuous efforts in Examination Reforms in the university.

The Examination System has primarily three following components:

1. Examination Procedures & Reforms

2. IT Integration

3. Continuous Internal Assessment System

For detailed description of these components, please refer to the Additional Information "Detailed Description 2.5.4"

File Description	Document
Any additional information	[View Document](#)

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

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

C. Only student registration and result processing

D. Only result processing

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

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	[View Document](#)
Current Manual of examination automation system	[View Document](#)
Annual reports of examination including the present status of automation	[View Document](#)

2.6 Student Performance and Learning Outcomes

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

Response:

As part of quality initiatives, the University has formulated the Programme Outcomes, Programme Specific Outcomes and Course Outcomes for all programmes offered by various faculties on the campus. These outcomes as stated have been incorporated in the prescribed curricula of the concerned courses and displayed on the University website to facilitate accessibility to various stakeholders including the teachers and students.

The university being an academia of multidisciplinary nature, with a spectrum of disciplines, compiling outcomes was a humongous task. Several rounds of meetings were held at the Departmental levels to formulate the Programme Specific Outcomes (PSOs) and the Course Outcomes of their respective

Departments. Starting from a course, the outcomes identified on the basis of contents and in line with the desired objectives and in synchronization with other courses in each semester were carefully selected for defining programme specific outcomes. The entire effort was made in line with the broad guidelines of the statutory bodies. The course outcomes designed to cover the prescribed syllabus and designated competencies are embedded in the assessment pattern based upon both internal and external examination system.

Outcomes incorporated in prescribed curricula containing syllabi, suggested references, etc. enable a student to achieve and imbibe attributes in spirit the Vision, Mission and Core Values of the University.

The schemes, syllabi along with POs, PSOs and COs of various programmes are communicated to the stakeholders in various ways including the following:

·   Uploading the same on the Website of the University for all the stakeholders including faculty members and students.

·   Emails are also sent by the Academic Branch of the University to the University Teaching Departments/ Colleges affiliated to the University.

·   Faculty members are communicated through email by the Office/Head of the concerned departments.

·   The communication mechanism for the students include the University Website, through induction programmes, mentor-mentee interactive sessions.

·   Teachers elaborate Programmes outcomes, Specific outcomes and Course outcomes in their respective classes to the students in the beginning of each semester.

In nutshell, each "Programmes outcomes, Specific outcomes and Course outcomes" have been designed to inculcate following attributes in our graduates:

·   **Personal**

·   **Intellectual**

·   **Professional**

·   **Social & cultural**

 http://dms.mdu.ac.in/NaacDocs/0001_8_Graduate Attributes_GraduateAttributes.jpg

File Description	Document
Link for Additional Information	[View Document](#)

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

Response:

The focus of the University is on inter-disciplinary approach leading to critical and collective understanding of scientific, technological, societal and environmental issues in global context. The outcomes have been designed with a view to develop sensibilities towards nation-building, namely, social cohesion, peace and harmony, peaceful co-existence, responsibility and accountability, and ethical values. The attainment of Programme outcomes, Programme Specific Outcomes and course outcomes are evaluated by the University in various ways including the following:

·   As feedback is critical in evaluating the outcomes of any process, it is employed to various stakeholders including the students to assess the impact of teaching-learning process. Students' feedback on prescribed "Feedback Form" covering the entire gamut of course content, quality of teaching, delivery mechanism, student satisfaction, etc. is obtained to assess the efficacy of on-going system of teaching and learning. In addition, feedback from the parents, alumni, employer and employees is also obtained and analysed. The analysis of such feedback is carried out both at department level in the form of "Academic Audit" by two external experts as well as at faculty level for taking necessary steps to ensure the outcomes.

·   Attainment of programme outcomes, programme specific outcomes and programme outcomes are evaluated in the form of formative and summative assessments. A series of evaluative methods, both internal and external, are employed wherein each course is assessed with internal assessment of 20 marks (20%) and external assessment of 80 marks (80%). The internal component comprises test(s), assignments/presentations, and attendance. Assessment related to practicals/lab work comprises internal as well as external evaluation.

The programmes running in the University have wide scope and utility in diversified fields. Performance of final year students across various disciplines is also assessed in terms of success rate in various competitive exams such as GATE, NET, SLET etc., and progression in higher studies are another way of evaluation of attainments of outcomes. Placement/employment of the outgoing students in public and private sectors/institutions is also a measure of attainment of the various outcomes.

File Description	Document
Link for Additional Information	View Document

2.6.3 Average pass percentage of Students

Response: 86.2

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

Response: 2960

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

Response: 3434

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

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

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

Response: Yes

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View Document
URL of Policy document on promotion of research uploaded on website	View Document

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

Response: 4

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

2017-18	2016-17	2015-16	2014-15	2013-14
13	0	4	1.3	1.7

File Description	Document
Minutes of the relevant bodies of the University	View Document
List of teachers receiving grant and details of grant received	View Document
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View Document

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

Response: 10

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

2017-18	2016-17	2015-16	2014-15	2013-14
1	0	1	7	1

File Description	Document
List of teachers and their international fellowship details	[View Document](#)
e-copies of the award letters of the teachers.	[View Document](#)

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

Response: 457

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

2017-18	2016-17	2015-16	2014-15	2013-14
71	150	81	67	88

File Description	Document
List of research fellows and their fellowship details	[View Document](#)

3.1.5 University has the following facilities

1. **Central Instrumentation Centre**
2. **Animal House/Green House / Museum**
3. **Central Fabrication facility**
4. **Media laboratory/Business Lab/Studios**
5. **Research/Statistical Databases**

Any four facilities exist

Three of the facilities exist

Two of the facilities exist

One of the facilities exist

Response: Any four facilities exist

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

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

Response: 31.58

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

Response: 12

File Description	Document
List of departments and award details	View Document
e-version of departmental recognition award letters	View Document

3.2 Resource Mobilization for Research

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

Response: 2521.85

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

2017-18	2016-17	2015-16	2014-15	2013-14
198.248	99.8038	336.952	318.148	1568.70203

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document

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

Response: 2432.55

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

2017-18	2016-17	2015-16	2014-15	2013-14
187.5477	78.1038	326.252	301.948	1538.70203

File Description	Document
e-copies of the grant award letters for research projects sponsored by government	View Document

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

Response: 0.85

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

Response: 73

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

Response: 428

File Description	Document
Supporting document from Funding Agency	View Document
Any additional information	View Document
Link for funding agency website	View Document

3.3 Innovation Ecosystem

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

Response:

The University has undertaken various initiatives for creation and transfer of knowledge including the following:

1.   Protection and Dissemination of Knowledge

·   An Intellectual Property Rights (IPR) cell established by the University regularly conducts awareness programmes for faculty members, research scholars and PG students of the University on various issues related to intellectual property protection through patents, copyrights, trademarks and other forms.

·   The University has Herbal Garden/Botanical Garden where the students (schools/colleges/universities) and research scholars get experimental learning opportunities about the various medicinal plants and herbs as research source material/s.

·   The Department of Geography, under the Geo-informatics project sponsored by Natural Resource Data Management System, DST, New Delhi conducts training programmes regularly in the field of Geospatial technologies to train the students and teachers for preparing resource inventory and its applications in various fields.

·   University Centre for Competitive Examinations (UCCE) provides coaching and guidance to students for various Centre/State competitive exams, interviews and communication skills improvement by renowned experts from various fields using resource material available with centre.

2.   Excellent Research Facilities

The University provides excellent infrastructural facilities for research and innovation with the assistance by intramural sources of finance and various funding agencies. It has having state of the art facilities like Vivekananda Central Library, Central Instrumental Laboratory, Herbal Garden, Animal House and Green House etc. to promote advance research.

3.   **Initiatives for Capacity Building of Human Resources**

·   Funding to faculty members to attend conferences/symposia/workshops/seminars for scientific exposure in India and abroad.

·   Free, unrestricted and remote access to library resources of the University.

·   Seminars, conferences, workshops and training programmes are conducted regularly by the departments and the chairs established in the campus for skill development, soft skills development and enhancing subject specific knowledge of staff and students.

·   Research scholars and teachers are granted leaves and financial assistance to participate in professional development activities.

·   Distinguished and eminent professors from various institutes of India and abroad have regular interactions with the faculty and the students through invited talks, linkage and collaborative research activities.

4.   Facilitate Networking and collaboration with other Institutions of Repute and Excellence

·   The University confers honorary degrees to the persons of eminence who has made soico-cultural contribution or significant contribution to the knowledge in a discipline.

·   The university has a good number of MoUs and collaborative research activities with different National and International Universities and R & D Institutions.

5.   Start-up initiatives

The university also promotes start-up activities giving in-house training to the students by mentoring to set up their business ventures. The University Teaching Departments under Faculty of Life Sciences, Faculty of Pharmaceutical Sciences, Faculty of Engineering & Technology and Faculty of Management Sciences play key role in doing so.

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

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

Response: 20

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

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

File Description	Document
Report of the event	View Document
List of workshops/seminars during the last 5 years	View Document
Any additional information	View Document

3.3.3 Number of awards for innovation won by institution/ teachers/ research scholars/students during the last five years

Response: 11

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

2017-18	2016-17	2015-16	2014-15	2013-14
3	3	1	0	4

File Description	Document
List of innovation and award details	View Document
e- copies of award letters	View Document

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

Response: 21

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

2017-18	2016-17	2015-16	2014-15	2013-14
3	5	3	2	8

File Description	Document
List of startups details like name of startup, nature, year of commencement etc	View Document
e- sanction order of the University for the start ups on campus	View Document
Contact details of the promoters for information	View Document

3.4 Research Publications and Awards

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

Response: Yes

File Description	Document
Any additional information	[View Document](#)

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

Response: Yes

File Description	Document
e- copies of the letters of awards	[View Document](#)
Any additional infrormation	[View Document](#)

3.4.3 Number of Patents published/awarded during the last five years

Response: 13

3.4.3.1 Total number of Patents published/awarded year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	1	0	3	7

File Description	Document
List of patents and year it was awarded	[View Document](#)
Any additional information	[View Document](#)

3.4.4 Number of Ph.D.s awarded per teacher during the last five years

Response: 3.09

3.4.4.1 How many Ph.Ds are awarded within last 5 years

Response: 897

3.4.4.2 Number of teachers recognized as guides during the last five years

Response: 290

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	[View Document]
URL to the research page on HEI web site	[View Document]

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

Response: 7.03

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

2017-18	2016-17	2015-16	2014-15	2013-14
848	428	422	479	474

File Description	Document
List of research papers by title, author, department, name and year of publication	[View Document]
Any additional information	[View Document]

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

Response: 1.75

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

2017-18	2016-17	2015-16	2014-15	2013-14
157	126	135	124	116

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

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

Response:

File Description	Document
BiblioMetrics of the publications during the last five years	[View Document](#)
Any additional information	[View Document](#)

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

Response:

File Description	Document
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the University	[View Document](#)

3.5 Consultancy

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

Response: Yes

File Description	Document
Soft copy of the Consultancy Policy	[View Document](#)
Minutes of the Governing Council/ Syndicate/Board of Management related to Consultancy policy	[View Document](#)
URL of the consultancy policy document	[View Document](#)

3.5.2 Revenue generated from consultancy during the last five years

Response: 0

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

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

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

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

Response: 0

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

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

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

3.6 Extension Activities

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

Response:

The University's ultimate aim is to transform the lives of the people and serve the society/ humanity in a better way. The University is committed to achieve this objective by way of various schemes and programmes conducted by different departments/offices. The University has promoted the engagement of faculty, students and staff with neighborhood community for their holistic and sustained development through various activities. The following activities were conducted to achieve the objectives:

·   The Center for Haryana Studies conducted visits to nearby villages to   interact with villagers including functionaries of Panchayats. During demonetization, University students trained the villagers regarding cashless transactions and disseminated information about various government programmes.

·   In order to maintain cleanliness in and around the Campus and to create awareness about the role of clean environment in human health, voluntary activities were organized by students under the National Swachh Bharat Abhiyan.

·   Various programmes like Blood Donation Camps, Health Checkup Camps, Awareness among masses for prevention from HIV/AIDS, Dental Checkup Camps were organized to sensitize people on health issues.

·   Promotion of the social welfare schemes of the Government like *Beti Bachao- Beti Padhao, Swachh Bharat Abhyan,* Run for Unity, Go Green Day, were carried out .under outreach programmes of the University.

·   Awareness programme regarding Human Rights, Traffic Rules, Digital India, Women Empowerment, Tree Plantation, Youth Leadership Camps, etc were organized through NSS.

·   Farmers Training on sustainable agricultural practices.

·   Workshops on gender sensitization and women safety were organized regularly by the committee to check sexual harassment and violence against women.

Impact & Sensitization:

Ø Exposure to extension and outreach activities sensitize the students towards social issues like gender discrimination, girl child education, child abuse, victims of violence, cleanliness, tree plantation and environment, self-development, health education etc. The activities conducted led to imbibe the social and environmental accountability.

Ø The Panchayati Raj and Rural Development Programme made the women participants felt empowered. The participants came to know about Panchayati Raj policies and practices as well as the rural development schemes launched by central and state governments. Its impact is visible in local governance at village level.

·   The University Youth Red Cross prepares student volunteers who devote part of their time for the service of humanity and international brotherhood.

·   The National Service Scheme (NSS) units, the Women`s Study Centre, and the Centre for Haryana Studies constantly work for imbibing the values like building national character and sense of social service in the volunteers.

·   Every department of the University constantly motivates its students to take up various activities relating to extension and social responsibilities, thus help in- developing sensitivities towards community issues, inculcating values and commitment to society and country.

File Description	Document
Any additional information	[View Document](#)
link for additional information	[View Document](#)

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

Response: 473

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

2017-18	2016-17	2015-16	2014-15	2013-14
109	112	82	82	88

File Description	Document
Number of awards for extension activities in last 5 years	[View Document](#)
e-copy of the award letters	[View Document](#)

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

Response: 73

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

2017-18	2016-17	2015-16	2014-15	2013-14
18	19	16	9	11

File Description	Document
Reports of the event organized	[View Document](#)
Number of extension and outreach programs conducted with industry,community etc for the last five years	[View Document](#)

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

Response: 76.32

3.6.4.1 Total number of students participating in extension activities with Government Organisations, Non-

Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
9656	8770	8064	6261	3844

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

3.7 Collaboration

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

Response: 12.4

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

2017-18	2016-17	2015-16	2014-15	2013-14
9	13	14	14	12

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	View Document

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

Response: 39

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

2017-18	2016-17	2015-16	2014-15	2013-14
8	4	7	8	12

File Description	Document
e-copies of linkage related Document	View Document
Details of linkages with institutions/industries for internship	View Document

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

Response: 41

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

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

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document
Details of functional MoUs with institutions of national, international importance,other universities etc during the last five years	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

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

Response:

Infrastructure along with teaching and learning is the backbone of any university. M. D. University is known for its World-class infrastructure and other related facilities. The campus is spreaded over an area of 622 acres with a built up area of 3,75,000 sq. meters, is lined up with the state-of-the-art buildings. The well focused street lights, high-powered LED lights and mercury lamps cover the roads and university streets lit the campus. The impressive architecture matched with the green cover creates an amazing physical platform of magnificent academic environment.

The University is having 18 teaching blocks and other independent buildings which accommodate 38 University Teaching Departments (UTDs) and other research centres. Total number of classrooms and seminar halls are 279 including 245 with LAN and Wi-Fi to provide comfortable teaching atmosphere. These technology-laden classrooms empower both teachers and students to explore their understanding further. Among these, 25 smart classrooms with excellent IT instruments are complementary feathers to the cavalcade of university infrastructure and 45 smart classroom equipments are yet to be installed. The replacement of traditional classrooms with smart classrooms equipped with e-podiums, interactive panels, and latest audio-visual aids are enhancing the teaching leaning activities. Furthermore, 28 seminar halls with Wi-Fi facilities itself tell the stories about how the students and scholars brainstorm their ideas in smaller or bigger gatherings. These seminar halls help the learners nurturing, delivering and sharing their budding ideas in groups.

In the context of science and technology disciplines, laboratories are those ingredients, where the scientific pursuits are tested and verified. The total 177departmental laboratories and one Central Instrumentation laboratory reveal the exercise of scientific knowledge and experiments of the blooming scholars of the University. Presence of major scientific instruments and equipments like – Gas Chromatography with Mass Spectrophotometer, Digital Forensic Kit, FTIR, Potentiostat/ Galvanostat/EIS Anlyser, UV Spectrophotometer (UV-VIS-NIR), Rheometer, Qiascel Advance System/BioAnalyser, Automated Flash Chromatography System, Impedance Analyser, Fluorosence Spectrometer, MilliQ (Water purification System), Ultrasound Basket Assembly, Stability Chamber, High Shear Homogeniser, DNA Extraction Machine, Ultracentrifuge, Microwave Synthesis etc in the labs cumulatively speak both the quality and quantitative aspects of lab equipments available in the University. The Language Lab for improvement of communication skills is another important accomplishment, which helps the learning of language through technology.

As it is rightly said, computing elements facilitates the teaching, learning and research activities; 2285 numbers of computers (PCs), 150 laptops, printers, scanners and photocopiers are available in the educational use at the teaching departments and other learning centre. New communication system, an amalgam of Internet and IP-based telephone facilities, has been put into place in every teacher's room and administrative branch. This facility is unique to this university campus in this part of the country. All the facilities discussed above are compatible with national and international standards as prescribed by different agencies i.e., AICTE, DBT, DST, and UGC etc

File Description	Document
Any additional information	[View Document](#)

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

Response:

University has created excellent infrastructure for harnessing the potential of the youth and promoting students' interest in sports. The sports complex has a Synthetic athletics track (8 lane 400 mtr), Grassy Cricket Ground with 4 nos. pitches & 4 nos. trial pitches (area 50000 sq. mtr), 400 m 8-lane track (grassy), 1 Football Ground (10000 sq. mtr.), 1 Hockey Ground (Grassy), 2 Volley Ball Courts with flood lights, 4 Badminton Courts with flood lights, 1 ultra-modern Gymnasium Hall including Gym facility with capacity of 100 spectators (60m x 25m), 1 Wresting Hall with Mats, 2 Kabaddi Courts, 2 Kho-Kho Courts, 2 Handball Courts (Indoor & Outdoor), 4 Basket Ball Courts (4000 sq. mtr.), Lawn Tennis Court with flood lights (4 nos. clay courts with practice wall), 1 Table Tennis Hall, 1 Boxing Hall with 2 Boxing Rings, , 1 Weight Lifting Platform, 1 Judo Hall with 2 sets of mats, sets of Gymnastics equipments, 1 Squash Court, and 1 Swimming Pool of international standard (8 lane 50x25 mtr.), Yoga hall (15x15 mtr.).

Activities in Football, Kabadi, and Taekwondo are also enormous with 50, 100 and 75 participants daily respectively. The University has produced more than 124 sportspersons of international repute, including 10 Arjuna and 8 Bhim Awardees, who brought laurels not only to the University and the State, but to the country as a whole.

Cultural activities are the intrinsic part of the University life, which provides the platform for enhancing the creativity, personality, world view of the students and retaining the national and regional cultural legacy. The University has a majestic fully air-conditioned Tagore Auditorium with a seating capacity of 1850 and equipped with all modern gadgetry and amenities, a spacious fully air-conditioned Dr. B. R. Ambedkar Hall with a seating capacity of 250, Radhakrishnan Auditorium of 550 capacity to accommodate the students gathering and a magnificent Students Activity Centre, furnished with all amenities to usurp. These facilities provide an admirable dais to the students for showcasing their talent for cultural and literary events. Tagore Auditorium is also used for screening of films of both social and cultural nature for the students and the other university community.

Competitions for folk songs, paintings, debates, acting and other co-curricular activities such as Kavi Sammelans and Mushaira, quiz contests are organized from time to time to harness the talent of the youth. A magnificent 'Yajnashala' with serene aura offers a platform to inculcate high values, through yajna, chanting sloks and the aesthetics of yoga in the minds of the students and the other campus community alike. Following the trend yoga camps, literary festivals, New Year celebrations are some of the commonly organised functions. The University has a Holiday Home at Dhanacholi in Nainital district of Uttarakhand where the students are encouraged to go for trekking and other youth creativities. In the heart of the campus, there is a large cafeteria to serve food and refreshments to at least 300 persons and a shopping complex.

File Description	Document
Any additional information	View Document

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

Response: 87.81

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 245

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document

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

Response: 32.01

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

2017-18	2016-17	2015-16	2014-15	2013-14
4913.66	3763.58	4730.76	3368.35	4238.78

File Description	Document
Audited utilization statements	**View Document**

4.2 Library as a Learning Resource

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

Response:

The University library system has fully computerized its operations and services using LibSys7 (Rel. 3.0) library management software. All the library operations including its catalogue (OPAC) were automated in the year 2010. To provide the next level facilities to its users, RFID-based LSmart software is used in Vivekananda Library. RFID-LSmart facilitates self-check-in through interactive Book Drop with RFID Reader and Capacitive Touch Screen. RFID-LSmart also provides security through Electronic Article Surveillance (EAS) gates using the EAS security bit feature on Tags.

The library patrons are familiar to use the self-service kiosks installed at prime locations of the library. Access to OPAC and other library resources is provided through the Library Portal linked to the university website. The library users can access the OPAC through University's Intranet as well as Internet worldwide. 'Digital Library' link on the Library Portal provides access to a large number of e-resources including university subscribed electronic journals and databases, electronic government publications, and many more. Full-text electronic resources accessible through PCs/Laptops/Mobile handsets connected to the Campus Network, are accessible to the researchers outside the campus through Remote Access. Thus, the knowledge resources in the Library are just a click away from the knowledge seekers.

File Description	Document
Any additional information	**View Document**

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

Response:

University has a rich collection of 3,67,878 books and 54,797 bound volumes of journals, 16833 theses and dissertations in different subjects. There is a separate collection of 257 rare books along with special collection of books on culture of Haryana and folk songs are some of the premier holdings of n the library. During 2013-2018 library has purchased eBooks from global publishers like Springer (18851 eBook titles), Elsevier (2604 eBook titles), Sage (3478 eBook titles) and Wiley (85 eBook titles). Besides this, University also has access to World e-Book Library and South Asia Archive (SAA) provided through National Digital Library - a project under Ministry of Human Resource Development, India. Library is also subscribing 526 print journals, and has access to 7,600+ electronic journals. Thousands of open access electronics journals are available through JGatePLus platform.   Nine online databases namely SCOPUS, Indian Citation Index, Manupatra, MLA International Bibliography, DELNET IPC (Pharma. collection), Prowess Interactive Querying (IQ), Economic Outlook, States of India and Industry Outlook has been subscribing by the library

During 2013-2018 total 45796 books and 25000 e-books were added in the collection for library enrichment

Years	No. of books added in the collection	No. of e-books added
2013-14	9679	5670
2014-15	9143	0
2015-16	10037	14476
2016-17	7381	3478
2017-18	9593	1394
Total	45796	25018

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

4.2.3 Does the institution have the following

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

Any 4 of the above

Any 3 of the above

Any 2 of the above

Any 1 of the above

Response: Any 4 of the above

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

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

Response: 307.41

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

2017-18	2016-17	2015-16	2014-15	2013-14
315.76	326.59	315.19	306.17	273.34

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	View Document
Any additional information	View Document

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

Response: Yes

File Description	Document
Any additional information	View Document

4.2.6 Percentage per day usage of library by teachers and students

Response: 27.73

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

Response: 2822

4.2.7 E-content is developed by teachers :

1. **For e-PG-Pathshala**
2. **For CEC (Under Graduate)**
3. **For SWAYAM**
4. **For other MOOCs platform**
5. **For NPTEL/NMEICT/any other Government Initiatives**
6. **For Institutional LMS**

Any 5 of the above

Any 4 of the above

Any 3 of the above

Any 2 of the above

Response: Any 3 of the above

File Description	Document
Details of e-content developed by teachers for e-PG-Pathshala, CEC (UG)	[View Document](#)
Give links or upload document of e-content developed	[View Document](#)

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

The ICT infrastructure of the university is being used for education, research and e-Governance. University Computer Centre houses a data centre having 16 Blade Servers (Dual CPU – 16 to 24 core, with upto 256 GB RAM on each server) hosting more than 50 Virtual servers. More than 600 TB of unified storage is being used for CCTV surveillance. For Student Life Cycle Management, 25 TB of SAN storage is being used. The servers are running on Windows 2012/2016 Server (Data centre edition) in high availability mode. Database server (MS SQL Server 2012 Enterprise Edition) and Web Server (MS IIS) uses 10TB IBM SAN Storage all purchased in 2013. SAP servers (purchased in 2015) with 25TB SAN storage

(20,000 IOPs) are all hosted locally. Video Management System Servers with 600 TB of Unified Storage were purchased in 2017 and manages 400 video surveillance cameras. Major road intersections, gates of all buildings, Library, University Secretariat, and Pariksha Sadan are under video surveillance. Round the clock Comprehensive Security and Surveillance Control Room monitors all those cameras. All servers are either under AMC or comprehensive warranty.

A Unified Threat Management Solution has been implemented to secure the network from hackers, for filtering unnecessary traffic, streamlining traffic by specifying priorities, and blocking unwanted sites on the 1G Internet connectivity provided by NKN using FortiGate1500D (upgraded from FrotiGate 3200B in 2016), supported by FortiAnalyser 1000D (purchased in 2014).The Internal LAN having backbone speed of 10G is governed by the core switch Nexus 9500 (CISCO) purchased in 2017. The university network has more than 15 KM long Optical Fiber cable network to connect all buildings and on road CCTV cameras.

All class rooms, faculty room, laboratories and offices has network I/O points (more than 5000 I/O points). Nearly 500 Wi-Fi Access Points (university owned) out of which 370 are enterprise class secure controller based devices provide round the clock Wi-Fi access in the campus. The last major Wi-Fi purchase was in 2015 and now procurement of 250 new access points is in process. Reliance Jio has installed more than 140 access points in hostels and other buildings (in year 2017 -18). Intercom services are provided to all faculty members and offices (600 lines) through VoIP based IPBX having external connectivity through 2PRI ISDN lines. Network, PCs and UPSs of the university are under maintenance and facility management.

The University is implementing SAP ERP modules for Student Life cycle Management and e-Governance (Finance and Human Capital Management). Parts of the custom built ERP are still operational and under migration to SAP. In-house development team manages the data centre and develops & deploys solutions for ad-hoc requirements of the university. University has developed and deployed Recruitment Portal for inviting applications for teaching and non-teaching posts.

File Description	Document
link for additional information	[View Document](#)

4.3.2 Student - Computer ratio

Response: 4.29

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)
?1 GBPS

500 MBPS - 1 GBPS

50 MBPS-250 MBPS

250 MBPS-500 MBPS

Response: ?1 GBPS

File Description	Document
Any additional information	View Document

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

Response: No

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

4.4 Maintenance of Campus Infrastructure

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

Response: 66.15

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

2017-18	2016-17	2015-16	2014-15	2013-14
8027.30	8641.82	7455.72	9610.37	10479.99

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts.	View Document

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

Response:

The University keeps high values to infrastructural aspects in terms of its maintenance and utilization. Periodic and preventive maintenance of campus is looked after by the Engineering Cell of the university with the regulations of Haryana Government. The procedures are follows.

Housekeeping: Housekeeping of buildings, classrooms, laboratories, library, sports complex, roads, footpaths, clearing of grass and vegetation are outsourced by engaging approx. 230 employees. The agency is responsible for localized management of rodent, insect, termite, pest, mosquito, fungus control, clearing stagnate water, parking, open drains etc.

Electricity Services: Round the clock electricity facilities are ensured for the lab and study activities. This is primarily looked after 18-20 the trained electricians and engineers of the university, assisted by approx. 55-60 skilled outsourced workers.

Public Health: Under the public health service, the maintenance service is assigned to employees, employed through outsourced agency and their key roles include; repairing maintenance of public health, sanitation, fitting, water cooler, water purifiers, geysers, blockage and leakages, clearing, overhead roof tanks and drains.

Civil Maintenance: Civil maintenance works of buildings, hostels and residential complexes are being done by the Engineering Cell of the University. The Cell engages substantial number of masons, builders and whitewashers often through the e-tender.

Horticulture Services: The horticulture facilities maintains all types of trees, plants, hedges, flower pots including land scarping works and the job is done through sufficient number of gardeners.

Security Services: With the help of 250 outsourced guards, security services are maintained by the Security Cell of the University. University security officers provide 24×7 duty with security vehicles. With boom barriers and 300 cameras regular surveillance is maintained.

Computers and other IT equipments: Maintenance of IT infrastructure takes place through executing AMCs under the control of the Director University Computer Center. The MoUs/Agreements between MDU and outsourcing agencies has been attached as additional information.

Utilization

The University endeavors to ensure optimal utilization of its physical facilities i.e., classrooms, language, computer labs and sports. Scientific equipments are accessible to all the departments for use. Some facilities like library, sports, auditorium, conference halls, sports complex, and community centre are also available beyond working hours on holidays also. Apart from bonafied students of the university, the scholars from other universities/research institutes, and the wards of university employees also use the service. Apart from its use in the campus, remote login facilities are also available. Labs are utilised by the department(s) and the HoDs of the concerned department is responsible for the optimal use of the labs. Computing facilities are catered by Computer Centre. Director, Computer Centre ensures the best use of the computing facility by setting up the guidelines. The Director of Sports guides the utilization of sport facilities. In toto, the physical and other support facilities are maintained and utilized up to its optimal level.

File Description	Document
link for additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

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

Response: 15.75

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

2017-18	2016-17	2015-16	2014-15	2013-14
1534	1521	1378	1429	1622

File Description	Document
Upload self attested letter with the list of students sanctioned scholarships	[View Document](#)
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	[View Document](#)

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

Response: 7.39

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

2017-18	2016-17	2015-16	2014-15	2013-14
389	772	785	843	714

5.1.3 Number of capability enhancement and development schemes –

1. **Guidance for competitive examinations**
2. **Career Counselling**
3. **Soft skill development**
4. **Remedial coaching**
5. **Language lab**
6. **Bridge courses**

7.Yoga and Meditation

8.Personal Counselling

7 or more of the above

Any 6 of the above

Any 5 of the above

Any 4 of the above

Response: 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	[View Document](#)
Any additional information	[View Document](#)
Link to Institutional website	[View Document](#)

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

Response: 92.64

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

2017-18	2016-17	2015-16	2014-15	2013-14
8853	8767	8609	8777	9023

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

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

Response:

The University has a full-fledged Foreign Students' Cell that provides necessary guidance to the foreign

students for admission in the various programmes offered by the University. Dean, Academic Affairs is Ex-officio advisor to the Foreign Student Cell, who is assisted by Deputy Advisor. Foreign Student Cell performs as a single window to address various queries of the foreign students related to academics, admissions, examinations, hostel, etc. To make the admission process simple, a dedicated portal is already in place for foreign students. There are 15 per cent supernumerary seats for foreign candidates in each University Teaching Department (Except the programme run under the norms of AICTE/PCI). International students can take admission into undergraduate, postgraduate, research and professional courses in the university campus and its affiliated colleges.

The major functions of the Cell are:

1. Deals with admission campaign and guidance of international students in getting admission in the university campus and affiliated colleges

2. Assesses the eligibility of the foreign students for admission as per guidelines issued by Association of Indian Universities (AIU), New Delhi.

3. Issues Provisional Admission letter to the eligible candidate for getting Visa from Indian Embassy in their respective countries. The cell also helps the student in getting extension of VISA if required.

4. Processes the registration of student with the FRRO (Foreign Regional Registered Office) within 14 days of arrival in India as per the Rules of Foreign Act 1948.

5. Organizes sensitization and orientation programme for the students and also inform them about the courses, departments and other facilities at University level.

6. Maintains communication with Embassies of various countries in India, from which the students have immigrated.

7. Helps students in monitoring and mentoring regarding their academic requirements and their academic progression.

8. Organizes various extra-curricular (sports and cultural) activities for these students.

9. Addresses any other academic or administrative problems faced by foreign students.

Many students from **Uganda, Kenya, Rwanda, Zimbabwe, Nigeria, Congo, South Korea, Bhutan, Afghanisthan, Nepal** and many other countries have already shaped their academic future from this University.

File Description	Document
Link for Additional Information	[View Document](#)

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

Response: Yes

File Description	Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	
Details of student grievances including sexual harassment and ragging cases	

5.2 Student Progression

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

Response: 31.45

5.2.1.1 Number of outgoing students placed year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1168	847	836	954	934

File Description	Document
Self attested list of students placed	
Details of student placement during the last five years	

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 27.36

5.2.2.1 Number of outgoing students progressing to higher education

Response: 830

File Description	Document
Upload supporting data for student/alumni	
Details of student progression to higher education	

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

government examinations)

Response: 55.31

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

2017-18	2016-17	2015-16	2014-15	2013-14
223	189	193	184	235

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

2017-18	2016-17	2015-16	2014-15	2013-14
372	328	424	399	349

File Description	Document
Upload supporting data for the same	[View Document](#)
Number of students qualifying in state/ national/ international level examinations during the last five years	[View Document](#)

5.3 Student Participation and Activities

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

Response: 129

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

2017-18	2016-17	2015-16	2014-15	2013-14
88	13	4	21	3

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document
e-copies of award letters and certificates	View Document

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

Response:

As the students are the main stakeholders in University system, the ability to see the situation from the perspective of a students and of a learner, their participation in university governance is the key factor in making the functioning and decision-making more transparent. At the same time, students involvement in governance is also essential in preparing them to be active citizens in democratic societies. M. D. University Rohtak is committed to give legitimate voice to the students in its various decision making bodies for improving its governance structure.

The **Academic Council** is the highest academic body of the University and is responsible for the maintenance of standards of instruction, education and examination within the University. Five students are nominated each year in the academic council. University Court is one of the supreme authorities of the University and five students are nominated each year to this august body.

For ensuring continuous improvement in the entire operations of the institution, and assuring all the stakeholders connected with higher education, the University has **Internal Quality Assurance Cell (IQAC)** which has provision of nomination of three students for two years in its decision making body.

Dean of Student Welfare (DSW) office is a student care and supervision center that serves as a liaison between students and administration. University has constituted a **Students Welfare Committee** comprising of Dean Students Welfare, Proctor , Chief Warden (Boys & Girls), COE, Director Public Relation and topper of pre final year of each class to discuss and resolve the grievances of the students if any and any other issue relating to the university in general and students in particular. It is a larger body of the students and gives platform to take up various issues and ensure their participation in academic and governance related matters. Similarly, in the **Youth Welfare Committee** two students are nominated each year, one of whom shall be from the university campus.

There are various bodies of the university which provides an opportunity to the students to devote part of their time to the service of humanity. These bodies are University Outreach Programme, Youth Red Cross and National Service Scheme. In the apex body of **University Outreach Programme** five students from UTD are nominated for one year. Similarly, **Youth Red Cross (YRC)** Committee includes two students per year in its decision making process. The advisory committee of NSS is its supreme decision making body and best girl and best boy volunteers are nominated each year in this body.

Additionally, **M. D. University Research scholars Association (MDURA)**, a forum of research scholars take-up several issues concerning research students with the administration for timely redressal.

Thus, the students have adequate representation in the decision making bodies and they actively participate in the academic and administrative decision making process.

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

Response: 71.8

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

2017-18	2016-17	2015-16	2014-15	2013-14
117	87	73	71	11

File Description	Document
Report of the event	View Document
Number of sports and cultural activities / competitions organised per year	View Document
Any additional information	View Document

5.4 Alumni Engagement

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

Response:

Alumni are the ambassadors of an academic institutions and their contribution and support is very important. Keeping this in view, M. D. University has established a separate **"Department of Alumni Relations".**

In addition, University has an active Alumni Association viz. *'Maharshi Dayanand University Alumni Association Rohtak'* with active executive council.

Department of Alumni Relations in co-ordination with *Maharshi Dayanand University Alumni Association Rohtak* has organized a number of Alumni Meets. These events provided a plat form for university alumnus/alumna to reunite with batchmates, as well as with present students and teaching faculties to share their views, experiences, feedback that played a vital role in designing policies, academic materials for better student's progression and placements.

The alumni base of the university contribute in building its reputation across nation and beyond which in

turn help attracting students from different regions within and outside the country. Further they provide a perfect legacy in the corporate sector and other work settings with their knowledge, skills and values.

The University Alumni are engaged to contribute their Alma Mater through:

· Participation as resource persons/ speakers/ chairpersons in the conferences workshops, seminars

· Experiential knowledge sharing to outgoing students preparing themselves as interns or as employees in various companies/institutions.

· Training of the students for the job market under the banner of Alumni Association and Career Counseling and Placement Cell of the University.

· Development and quality enhancement of the University

· Designing and refining of the academic curricula either through their feedback or as member of Undergraduate and Post Graduate Board of Studies of different disciplines.

· Development and maintenance of the *Alumni Forest* in the campus.

· Involvement and interaction with students for strengthening the departmental associations and faculty of their own discipline.

· Financial contribution in the development of the university.

· Engagement in various student driven sports, cultural and literary activities.

File Description	Document
Link for Additional Information	[View Document](#)

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

50 Lakhs -100 Lakhs

20 Lakhs -50 Lakhs

5 Lakhs -20 Lakhs

Response: <5 Lakhs

File Description	Document
Any additional information	View Document
Alumni association audited statements	View Document

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

Response: 28

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

2017-18	2016-17	2015-16	2014-15	2013-14
15	10	2	0	1

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

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

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

Response:

VISION: The University aspires to be a leading 'transformative learning community' recognized world-wide for excellence in teaching, research and service and as a catalyst for intellectual, social, cultural and economic development.

MISSION: The University is committed to transform lives and serve the society through pursuit of excellence in teaching, innovation, lifelong learning, cultural enrichment and outreach services.

The University has come a long way since its inception in 1976 and what was envisioned as an institution, primarily dedicated to the teaching and learning in the field of life sciences. Marching ahead on the path of progress with the strategic plan, the University envisages to assume the status of a leading 'transformative learning community' by maintaining highest standards of transparency, accountability and efficiency. The University seeks to ensure equity, access and quality in learning experience and role of teachers at paramount to be instrumental in achieving the intended success.

Engaging of the students in high-impact value-based education, benchmarked against highest global standards and leading-edge research within and across disciplines, and creation of congenial, academically challenging and supportive environment conducive to personal growth and time-lined infrastructural improvements to the campus are some aftermaths of good governance, excellent administration and a trustworthy leadership within the University. The University endeavors to provide good governance and leadership with intellectual honesty by optimally utilizing its resources to stand with sustaining principles of ethical standards, mutual respect, student-centric interdisciplinary, multidisciplinary, collaborative and innovative environment and responsiveness to the society through community care and outreach services.

Highly qualified and competent leaders at different levels of the University in the light of a well-defined system and organizational structure consistent with the Act, Statutes and Ordinances of the University improve the academic and administrative effectiveness. The involvement of leadership entails the following:

Governor of Haryana is the ex-officio Chancellor and the Head of the University.

The Vice-Chancellor, as a whole time Principal Executive and Academic Officer of the university, translates the decisions of all the university authorities into action, and facilitates interactive and participative teaching learning in a very congenial and harmonious academic environment to induce the culture of excellence.

The Registrar is the Chief Administrative Officer of the university.

The Dean, Academic Affairs oversees the academic matters of the University.

The Director Research oversees the research matters of the University.

The Deans of Faculties, Heads of the Departments and other officers of the University- Proctor, Provost, Dean of Students Welfare, Dean of Colleges, University Librarian and Controller of Examinations - also provide leadership and discharge important responsibilities in their respective areas.

It is ensured that the action plans are specifically aligned to the vision and mission statements. The teachers of the University participate in all the decision-making bodies of the University like Departmental Committee, Departmental Research Committee, Board of Studies, meetings of the concerned faculties, Academic Council, Executive Council, Court of the University. The experience and wisdom of teachers while participating in these decision-making bodies give a boost to the effective governance of the University.

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

6.1.2 The institution practices decentralization and participative management

Response:

The University follows decentralized and participative management approach in all academic and administrative activities, initiatives and decision making by involving Deans, Heads of Departments and faculty members at all levels. The constitutions of various statutory bodies speak evidently of the participative nature of management even at the highest levels. The system provides for continuous involvement of all important functionaries and the faculty in decision-making and policy formulation, as also in the formulation of academic, research, and extension programmes. At the university level, faculty representation in all important decision making bodies - Court, Executive Council, and Academic Council – is provided for either by seniority and/or by election.

In addition, different committees are constituted by the Vice-Chancellor from time to time to guide and administer the university functioning both at the academic and administrative levels. At the departmental level, faculty is actively involved in decision-making of the Boards of Studies and Departmental Committees. These various committees review the progress in various functions and accordingly take necessary timely action for ensuring excellence in respective areas.

Case Study: Introduction of Choice Based Credit System

The University keeps on updating curricula as per UGC/other statutory bodies and the society/industries requirements. To match the uniformity of academics at global level, introduction of CBCS was realized as the prime need for academic excellence. The implementation process of CBCS is a glaring example of decentralization and participative management. For introduction of CBCS in all PG programmes, it was discussed at various levels in the University as described below:

·   Primarily, a deliberation on CBCS was held of the Vice-Chancellor with the deans of all the faculties and subsequently with the HoDs of various departments.

·   Afterwards, a Committee was constituted by the Vice-Chancellor to design the CBCS ordinance and plan for implementation of Choice Based Credit System (CBCS) in various PG programmes.

·   Workshops/meetings were organized to sensitize the teaching and non-teaching staff.

·   Schemes and syllabi of various subjects prepared after deliberations in various meetings of the Departmental Committees, Post Graduate Board of Studies of the concerned departments and passed by concerned Faculties.

·   Departments of the University designed syllabi for their respective open/foundation elective courses and were offered to the students of other departments. These courses were then considered and approved by the CBCS Board comprising Dean, Academic Affairs; Deans of all the faculties; Director (IQAC); Registrar; Director (UCC); COE; A.R. (Academic).

·   Recommendations on CBCS ordinance of the University and the schemes passed by various faculties were approved by the Academic Council having representation of Higher Education Department of Haryana, Deans, Heads, teachers of the University, Provosts, Librarian, COE, teachers of affiliated colleges, students, outside experts, principals of colleges. CBCS ordinance was approved by the Executive Council of the University also.

Overall, it was the continuous academic inputs of the teachers representing all the University teaching departments and their intellectual participation that helped to design the CBCS ordinance, schemes and syllabi for successful implementation on Campus and in affiliated colleges of the University.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.2 Strategy Development and Deployment

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

Response:

To achieve its vision and mission, the University is committed to:

- Provide intellectually inspiring, academically challenging and supportive environment conducive to positive personal growth
- Provide a comprehensive education, benchmarked against the highest global standards
- Engage in innovative, high-impact and leading-edge research within and across disciplines
- Produce graduates of distinction committed to academic/professional excellence and lifelong

learning
- Provide a safe, healthy and sustainable workplace
- Act in partnership with the community over the generation, dissemination and application of knowledge
- Act as a gateway and forum for scholarship with rest of the world.

Since providing a safe, healthy and sustainable workplace is one of the key strategic goals of the University, hence an activity related to this aspect successfully implemented in the University is described as follows:

Creation of a centrally managed video surveillance and access control system to create a safer work place

Maharshi Dayanand University envisaged to implement video surveillance and access control system in a systematic manner in 2012. More than 200 IP surveillance cameras of Sony make were procured and installed in Vivekanand (Central) Library and entrance gates of all major buildings including hostels. University Secretariat and Pariksha Sadan buildings were designed to have IP Cameras and Fire Alarm systems ab initio. All these IP cameras were controlled through 7 servers and a Bosch appliance. In the second phase a comprehensive video surveillance and access control system was planned to be implemented in 2016. The salient features of the proposed system are:

- Centralized storage and management of the video surveillance data.
- Video Surveillance of all major road intersections through night vision long range IP cameras.
- 24x7 Control Room for monitoring video surveillance feeds. The control room has to have close coordination with the security team. The control room has to be managed by the security agency.
- Automated (RFID Tag based) Boom Barriers for road access control.
- Automated number plate recognition (ANPR) system.
- Turnstile based access control system.

The system has been procured and implemented at a cost of Rs. 4.10 Cr. (Approx). The blade servers and video management and analytics software are of CISCO make. The 600 TB Netapp unified storage is being used to store surveillance feed of more than 350 IP cameras. AXIS make cameras (Veri-focal Bullet and PTZ) are installed on major road intersections and university gates. Videonetics is the OEM for ANPR system. The surveillance network uses the upgraded 10G university computer network (building to building connectivity on 10G).

The control room is operational 24x7. Three operators uses 3-screen workstations and video wall consisting of 9 (3x3) screens of 49" size each.

Operationalization of control room and road intersection surveillance has significantly improved the security environment in the university. Additional IP cameras are being planned university teaching departments and in dining halls and common rooms of hostels.

File Description	Document
Strategic Plan and deployment documents on the website	View Document
Link for Additional Information	View Document

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

Response:

Each and every activity of the University is governed by the Act, Statute and rules/regulations/ordinances framed over a long passage of time. These have been incorporated in the MDU Calendar (Vol. I to IV) . The University officials are guided by MDU Calendar while taking decisions.

The following are the officers of the University:

- Chancellor
- Vice-Chancellor
- Dean Academic Affairs
- Deans of Faculties
- Registrar
- Finance Officer
- Dean Students Welfare
- Dean of Colleges
- Controller of Examinations
- Proctor
- Such other persons in the services of the University as may be declared by the statutes to be the Officers of the University.

The following are the authorities of the University:

i)   The Court

The Court reviews the broad policies and programmes of the university and suggests measures for the improvement and development of the University. It considers and passes resolution on the annual report, annual budget and the annual accounts of the University and on the audit report of such accounts, etc.

ii)   The Executive Council

 The Executive Council is the principal executive body of the University. It holds, controls and administers, revenue, property and funds of the University. It creates, upgrades, downgrades and transfer the posts from one Unit/Section to another and to make appointments and/or promote thereto. It appoints/promotes Professors, Assoc. Professors, Asstt. Professors and other academic staff.

iii)   The Academic Council

The Academic Council exercises general supervision over the academic policies of the University and gives directions regarding improvements in academic standards, besides many other academic powers.

v)   The Finance Committee

The Finance Committee examines the accounts and scrutinizes the proposals for expenditure and submits the annual budget to the Executive Council for approval.

vi) The Faculties

There are 11 faculties in the University comprising 38 Departments. Faculties coordinate the teaching and research work of the University and recommend courses and syllabi to the Academic Council.

vii)   Board of Studies

Every department has two boards of studies, namely: 'Board of UG Studies' and 'Board of PG Studies'. The boards recommend courses, schemes and syllabi of studies and the appointment of paper-setters/examiners.

vii)   The Academic Planning Board

The Academic Planning Board of the University examines and suggests measures for raising the standard of education and research and develops ideas and schemes on improving corporate life and cultural activities on the campus.

Service Rules, Procedures, Recruitment and Promotion Policies

Recruitment and promotions are made following an established and transparent process as per UGC/Haryana Government norms. Service rules, procedures, recruitment and promotion policies are contained in MDU Calendar Vol. I, III and IV which are available on the Website of the University.

Grievance Redressal Mechanism

The University promptly attends to the general grievances and women's grievances through:

- Grievance redressal cells to redress the complaints of the students particularly pertaining to the results, registration and scholarship branches, Colleges and Hostels.
- Committee to check Menace of Sexual Harassment and Violence against Women.
- A committee is constituted every year to resolve the problems/grievances of the students regarding admission

File Description	Document
Any additional information	[View Document](#)
Link to Organogram of the University webpage	[View Document](#)
Link for Additional Information	[View Document](#)

6.2.3 Implementation of e-governance in areas of operation

   1. **Planning and Development**
   2. **Administration**
   3. **Finance and Accounts**
   4. **Student Admission and Support**
   5. **Examination**

All 5 of the above

Any 4 of the above

Any 3 of the above

Any 2 of the above

Response: All 5 of the above

File Description	Document
Screen shots of user interfaces	[View Document](#)
ERP Document	[View Document](#)
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	[View Document](#)

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

Response:

Following the practices of decentralization and participative management, the committees/bodies/cells constituted by the competent authority regularly meet to consider various agenda items for discussion and resolution. Number of activities have been implemented based on the minutes of meetings of various bodies/cells/committees. One of the such activities, is delineated, as below:

Prescription of General Rules of Examination

To resolve some issues of the students relating to applying for the additional courses and simultaneous pursuance of two degrees (one from regular mode and the other from distance education mode), a committee was constituted by the Vice-Chancellor under the chairmanship of Dean, Academic Affairs to thoroughly examine the Ordinance for General Rules of Examinations in 2017. This Committee observed that the Ordinance-General Rules for Examinations appearing in the University Calendar Volume-II (Part-A) 2005 is very old one and accordingly, the main committee in its meeting held on 21-03-2017 resolved to constitute a sub-committee to submit the draft Ordinance for General Rules of Examinations to the Chairman of the main committee after going through the prevailing Ordinances and problems faced by the Offices/Branches. A series of the meetings of the sub-committee were held on 22-05-2017, 30-05-2017, 12-06-2017, 27-06-2017 and 30-06-2017, respectively. The sub-committee went through the old Ordinance threadbare and considered the problems being faced by the students/University offices while dealing with the different cases as pointed out by the members of the sub-committee. Accordingly, after deliberating the prevailing practices and present scenario along with existing rules/guidelines/Ordinances, the sub-committee prepared and submitted the draft Ordinance for General Rules of Examinations to the main committee. The committee in its meeting held on 19-07-2017 deliberated in detail on the draft Ordinance submitted by the sub-committee and after making necessary corrections/incorporations, the committee recommended that the same may be placed before the Academic Council/Executive Council for Approval. The Academic Council in its meeting held on 05-02-2018 resolved to recommend the same with some minor correction to the Executive Council which approved the same in its meeting held on 08-02-2018.

In March, 2018 there came a case of a student, who wanted to do PG from Maharshi Dayanand University Rohtak in a subject he had already done PG from other university. The Ordinance was silent about this and hence the specific incorporation was required to be made in the Ordinance. Accordingly, amendment in the ordinance was made by the Academic Council vide Resolution No. 14 in its meeting held on 25-06-2018 by adding the following clause in the General Rules for Examination:

"Unless otherwise provided, a person who has already passed an examination of this University or any other University shall not be permitted to re-appear in that examination again"

The above recommendation of the Academic Council were approved by the Executive Council in its meeting held on 02-07-2018.

The resolution passed on the Ordinance for General Rules of Examinations shows the effectiveness of the Committees and implementation of the resolutions.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.3 Faculty Empowerment Strategies

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

Response:

The University has various staff welfare schemes including the following:

·   Loans at concessional interest rates for construction of houses, and purchase of computers and vehicles.

·   Interest free loan to Group C & D employees for purchase of wheat.

·   Festival loan for non-teaching employees.

·   Loan for marriage of daughter/son at concessional interest rates.

·   50 per cent tuition fee concession to the children of the employees getting education in the courses offered by the University.

·   Re-imbursement of expenditure on school education of two children @ Rs. 750/- per month per child.

·   Pension Scheme and New Pension Scheme for employees in the service of the University before and after 2006, respectively.

·   Provident fund facility

·   Provision of Gratuity

·   Ex-gratia payment

·   Employees Benevolent fund

·   Leave Travel Concession (LTC) benefit to the employees in the form of either one month salary or re-imbursement of expenditure on Leave Travel, if bills are submitted.

·   Teacher welfare fund for teachers

·   Six months Maternity Leave to female employees.

·   Child Care Leave to female employees for two surviving children upto the age of 18 years.

·   Several other types of leaves such as Special Casual Leave, Hospital Leave, Anti-Rabic Treatment Leave, Quarantine Leave, Half Pay Leave, etc. to meet exigencies and emergencies.

·   Residential accommodation

·   Community Centre facilities at very low rates for social ceremonies and without any charge for some ceremonies.

·   Faculty Club facilities

·   Faculty House

·   University Health Centre for free medical advice.

·   Full medical reimbursement for indoor treatment of employees/dependents of employees in the University empaneled hospitals.

·   Facility of Using University Holiday-cum-Youth Centre

·   Creche facility for kids of the employees.

·   Facility for spiritual development at Ch. Matu Ram Yajnashala

·   24x7 wi-fi facility

·   Bank, Post-office and shopping complex, canteen facilities available on the campus.

·   University Campus School facility

·   Swimming pool, Multipurpose Gym & Other Sports Facilities

·   "Swasthya Path" and parks for keeping good health of the staff and students

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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

Response: 17.88

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

2017-18	2016-17	2015-16	2014-15	2013-14
65	66	66	73	67

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

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

Response: 14.2

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

2017-18	2016-17	2015-16	2014-15	2013-14
13	6	12	15	25

File Description	Document
Details of professional development / administrative training programs organized by the University for teaching and non teaching staff	View Document
Any additional information	View Document

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

Response: 35.6

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

2017-18	2016-17	2015-16	2014-15	2013-14
106	215	101	134	111

File Description	Document
Details of teachers attending professional development programs during the last five years	<u>View Document</u>
Any additional information	<u>View Document</u>

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

Response:

The University has devised the self-assessment cum performance appraisal forms for teachers in strict adherence to the API criteria based PBAS prescribed in the UGC Regulations. All the teachers working on budgeted posts are required to submit the duly filled-in Academic Performance Indicator (API) based Performance Based Appraisal System proforma duly supported by all credentials as per the API guidelines set out in these Regulations. The teachers are evaluated/ promoted following a transparent process on the basis of API score(s). The teachers working under SFS are required to fill up API based PBAS proforma every year to review their work. The procedure for performance appraisal is contained in Chapter 7 of the University Calendar Vol. III.

The performance appraisal of the non-teaching staff is equally important for efficient running of an institution. The university has put in place a well-designed convenient 'Annual Confidential Report (ACR) system for its administrative staff. The Annual Confidential Reports on the work and conduct of Clerks, Assistants, Steno-typists and class IV employees are initiated by the Branch Superintendents. After the Branch Superintendent has written the report, the Branch Officer concerned record his impressions on the work and conduct of the above mentioned officials on the report, so written by the Branch Superintendent. Registrar is the final accepting authority in the case of the aforesaid functionaries working in the Registrar's Office.

Annual confidential Reports on the work and conduct of similar officials and technical staff working in the Teaching Departments is written by the Head of Teaching Departments. The Annual Confidential Reports on the work and conduct of the stenographers/Personal Assistants are written by the respective officers for whom they are working. Annual Confidential Reports on the work and conduct of Branch Superintendents are written by the Branch Officers and that of Branch Officers by the Deputy Registrar/Finance Officer. In the case of the Registrar/Heads of the Non-teaching Departments, the reports are written by the Vice-Chancellor. Adverse remarks, if any, are promptly communicated to the employee concerned who may make a representation to the Vice-Chancellor against the adverse remarks. The procedure of writing of annual confidential reports of the non-teaching employees is contained in Chapter 18 of the University Calendar (Vol. III).

File Description	Document
Any additional information	<u>View Document</u>
Link for Additional Information	<u>View Document</u>

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Budget provisions are formally identified and approved yearly. The expenditures are made in the most economical and transparent manner in conformity with the procedures prescribed in the rules. The income and expenditure of the University are subjected to the regular audit. Procedure of audit of accounts is given under clause 2.14 in chapter 2 of University calendar (Volume IV).

The University has a mechanism for its internal and external financial audits. Internal audit is an ongoing continuous process in addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the University each year. Auditors from Local Audit, Govt. of Haryana have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year towards internal audit.

In the same manner, an external audit is also carried out in an elaborate way by Principal Auditor General, Govt. of Haryana. A team of 3-4 auditors is sent by Principal Auditor General (PAG) every year to verify/check the accounts of some months selected randomly by the team so sent. A team on the directions of Comptroller & Auditor General (CAG) may also be sent by the PAG on any year for Performance Audit of the University. Recently, on the directions of CAG, a team sent by PAG visited and stayed in the University for 3-4 months for Performance Audit for the period 2012-17. The report on Performance Audit was sent by the PAG to the University for comments on the observations made in the report. After obtaining the comments, the PAG submitted the report to the CAG for the year ended on March 31, 2017.

So, the University accounts are audited regularly by both internal and external statutory audits. Omissions and commissions when pointed out by the audit team are immediately corrected / rectified and precautionary steps are taken to avoid recurrence of such errors in future.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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

Response: 5.12

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

2017-18	2016-17	2015-16	2014-15	2013-14
2	0.12	3	0	0

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	[View Document](#)

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

Response:

Mobilization of Funds

For the development of the academic processes and infrastructure development, the University continuously makes efforts for resource mobilization, for instance, many endowment funds have been created during the past few years for the purpose of award of scholarships to meritorious students. Considerable amount of revenue is also generated from Directorate of Distance Education programmes.

University generates funds from various sources including fee collection from the students, funding for research projects, grant-in-aid from RUSA, endowment and donation, commercial utilization of University resources, interest from corpus fund. Being a State University, financial assistance is also provided by the State Government. The University has identified more sources of generation of funds such as Consultancy, Intellectual Property, MDU Alumni Corpus Fund and Corporate Sponsorship. The University is going to make strategies for generation of funds from these sources.

Optimal Utilization of Funds

All the university teaching departments and administrative units identify their annual financial requirements for maintenance of existing academic processes and physical infrastructure, development of new infrastructure, enhancement of facilities in laboratories, strengthening of information and knowledge delivery systems, enhancement of co-curricular, extra-curricular, sports and other student-centric activities, etc., and submit the same with justification to the university authorities for consideration. After taking into consideration the requirements of each department/office, budgetary provisions are judiciously made in the university budget with the approval of the statutory authorities.

The purchases of higher prices are made through e-tendering in transparent manner. It is ensured that the University money may not be spent unnecessarily.

The income and expenditure are duly pre-audited by Local Audit Department and post audited by Principal Auditor General of Haryana, Chandigarh. The utilization certificates relating to various grants are submitted to the concerned agencies after getting the same audited. The Annual Audit Report issued by the Local Audit Department along with the Balance Sheet and Budget Estimates are put up to the Finance

Committee, Executive Council and Court of the University for consideration and approval.

To monitor effective and efficient utilization of funds, the University has codified and published its own financial rules and regulations under the 'Calendar Volume IV: University Accounts Code' and is referred by the university community and other stakeholders for their convenience. General principles of financial management and control are given in Chapter 2 of MDU Calendar (Vol. IV).

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

6.5 Internal Quality Assurance System

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

Response:

The IQAC continuously works on all the quality evolving facets of the University. Two of the practices institutionalized as a result of IQAC initiatives are described as follows:

Code of Ethics to Check Malpractices in Research

University strongly believes in intellectual honesty. The Quality Advisory Council (QAC) of the University in its meeting held on 05-02-2018 noted that the procedure of undergoing plagiarism check before submitting Ph.D. thesis / M. Phil. dissertation by a candidate with certain limit for acceptability of the similarity index is already in vogue. However, the QAC, in the emerging scenario, felt the need to have code of ethics for academic integrity and plagiarism in research and hence a committee was constituted to prepare a code to check the malpractices and plagiarism in research. The Committee, keeping in view the UGC regulations, formulated the code of ethics for academic integrity and plagiarism for staff, students, research scholars and administrators. The "Code of Ethics for Academic Integrity and Plagiarism, MDU Rohtak, 2018" prepared by the Committee on 01-05-2018 encourages the scholarly integrity amongst all of its members. It mentions that the academic dishonesty in any form, manner and format, which eventually affects the values and objectives of the MDU is intolerable and hence all the scholars, students and teachers are encouraged to indulge in ethical and moral practices for their academic work. As per the code, the academic work includes academic papers, assignments, term papers, M.Phil & Ph.D. theses, research reports, evaluation work and presentation of any research matter in any course, programme, seminar, workshop, conference or symposium. The code was approved by the Academic Council on 25-06-2018 (Resolution No. 16) and Executive Council on 02-07-2018 (Resolution No. 16).

Framing Intellectual Property Rights (IPR) Policy

Maharshi Dayanand University Rohtak has been recognizing that research in all fields of Sciences, Literature, Arts, Engineering, Social Sciences, Humanities, Commerce, Management, Law, Education, etc.

requires intellectual property protection through patents, copyrights, trademarks and other forms of IPR. The University also had Research, Development and Patents Council for promoting the research and development, yet the University had not framed its own IPR Property Rights Policy till 2017. The Quality Advisory Council of the University, realizing the importance of the intellectual property rights protection in its meeting held on 05-08-2017, suggested that the University should frame its own IPR Policy to fulfill the commitment of the University to promote academic freedom and provide a conducive environment for research and development. A ten-member committee was constituted by the Vice-Chancellor to frame the IPR Policy. Holding series of meetings, the Committee frequently met on different dates (30-12-2017, 06-01-2018, 18-01-2018, 22-01-2018, 24-01-2018 and 25-01-2018) and deliberated upon it extensively and finalized the draft of IPR Policy for perusal and approval of the Vice-chancellor. The draft IPR Policy was put up before the Academic Council and Executive Council on 05-02-2018 (Resolution No. 41) and 08-02-2018 (Resolution No. 57), respectively, which approved the IPR Policy framed by the Committee.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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

Response:

The recommendations of the Academic Audit Committees are compiled and analysed by the IQAC to identify the deficit areas where the teaching, learning, and evaluation can be improved by creating quality consciousness in the minds of faculty members. Feedback system has also been an appropriate mechanism to evaluate teaching and learning process.

Review of Teaching–Learning Process through Feedback from Stakeholders

For any academic institution, feedback received from its stakeholders is of vital importance. Feedback, when utilized properly, helps the institutions in its growth and development on the desired line. Realizing the importance of feedback in teaching and research in the present day competitive academic environment, the university has over the past identified and implemented a system of obtaining feedback from the stakeholders. In pursuance of the direction of the University, every effort is made to remain in touch with the stakeholders to collect as much of feedback from them as possible to ensure commitment and sincerity among the academic community.

University teaching departments of the University has a formal mechanism to obtain feedback on various components of teaching and evolution from the stakeholders like the alumni, students, parents, employers and teachers to improve the quality of teaching-learning process. Feedback from students by distributing a predesigned proforma. In addition, Alumni Association has been actively involved in furthering the academic cause of the Institute, its faculty and students. The feedback so obtained is placed before the QAC of the University and analyzed and findings are implemented in order to improve teaching-learning process. Course curricula are regularly assessed on the basis of feedback received from industry, alumni,

academia, and other stakeholders through formal/informal channels for qualitative improvements in the courses.

Programme Specific Outcomes and Course Outcomes

The QAC in its meeting held on 11-12-2017 learnt that most of the departments have already stated the Course objectives. However, the QAC suggested that the Programme Outcomes, Programme Specific Outcomes and Course outcomes need to be stated/reviewed/revised and be got uploaded on the website of the university. Accordingly a letter was written by the Director (IQAC) through Academic Brach of the University to all the departments to review/revise the same and to get them uploaded on the website of the University. Dean, Academic Affairs convened a meeting with Deans of Faculties and Heads of the Departments of the University for the purpose. Deans were asked to convene meetings with the heads of their respective faculties to state the programme outcomes for various programmes running in the departments of their respective faculties and accordingly a series of meetings of the Deans of Faculties with the concerned Heads of the Departments were held to state the Programme Outcomes for the programmes running in their respective faculties. Several rounds of meetings were held at the Departmental levels also to review/revise/prepare the Programme Specific Outcomes and then Course Outcomes of their respective Departments. Resultantly, the revised POs, PSOs and COs of various programmes are now available on the Website of the University.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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

Response: 9.8

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

2017-18	2016-17	2015-16	2014-15	2013-14
15	10	14	4	6

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	[View Document](#)
Any additional information	[View Document](#)
IQAC link	[View Document](#)

6.5.4 Quality assurance initiatives of the institution include

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**
2. **Academic Administrative Audit (AAA) and initiation of follow up action**
3. **Participation in NIRF**
4. **ISO Certification**
5. **NBA or any other quality audit**

Any 4 of the above

Any 3 of the above

Any 2 of the above

Any 1 of the above

Response: Any 4 of the above

File Description	Document
e-copies of the accreditations and certifications	[View Document](#)
Details of Quality assurance initiatives of the institution	[View Document](#)
Any additional information	[View Document](#)
Annual reports of University	[View Document](#)

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

Response:

The post accreditation quality enhancement initiatives in the academic, research, governance and administrative domains successfully implemented during the last five years by the University include the following:

· Reformulation of Vision and Mission of the University.

· Formulation of the Core Values of the University.

· Formulation of Graduate Attributes to inculcate in the students of Maharshi Dayanand University, Rohtak in accordance with Vision, Mission and Core values of the University.

· Implementation of Choice Based Credit System (CBCS) for All PG Programmes in the University

·   Implementation of e-governance in Planning & Development, Administration, Finance, Students admission & support, examinations.

·   Encouragement for Financial Assistance through Research Projects and Consultancy

·   Enhancement in the financial support to the teachers to attend international conferences abroad

·   Participation in National Institutional Ranking Framework (NIRF)

·   Participation in Institutional Swachhta Ranking conducted by AISHE, MHRD, Govt. of India.

·   Analysis of Feedback Obtained from Various Stakeholders for the sessions from 2013-14 to 2017-18

·   Academic Audit of the University teaching Departments of the University and its analysis

·   Performance Audit of the Library

·   Administrative Audit of the Administrative and Supportive Wings of the University

·   Strengthening of Central Instrumentation Laboratory

·   Entering into more MoUs with Industries and Other Universities/Organisations and to enhance Collaborative Research

·   Introduction of University Outreach programmes

·   Increase in the representation of the students in various bodies of the University

·   Establishment of Department of Alumni Relations to strengthen the constructive participation of the Alumni in the Holistic Growth of the University

·   Separate Budget Provision to carry cut Collaborative Research and Faculty/Student Exchange Programmes

·   Framing Intellectual Property Right Policy.

·   Formulation of Programme Specific Outcomes and Course Outcomes by the Departments and Uploading the same on the Website of the University.

·   Reformation of Rules for Professional Consultancy by University Teachers.

·   Framing Research Promotion Policy.

·   Provision to provide seed money to newly appointed teachers and research grant to researchers under Radha Krishnan Fund.

·   Framing code of ethics to check malpractices and plagiarism in research.

·   Establishment of Digital Learning Initiatives and Monitoring (DLIM) Cell

·   Establishment of Environmental Sustainability Management Cell in the University.

·   Implementation of Rooftop Solar Power Plant System in Maharshi Dayanand University Campus.

·   Establishment of Faculty Development Centre.

·   NKN facility to the satellite campus i.e. MDU Centre for Professional & Allied Studies (MDUCPAS) at Gurugram.

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

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

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

Response: 61

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

2017-18	2016-17	2015-16	2014-15	2013-14
13	15	12	14	7

File Description	Document
Report of the event	[View Document]()
List of gender equity promotion programs organized by the institution	[View Document]()

7.1.2 Institution shows gender sensitivity in providing facilities such as
a) Safety and Security
b) Counselling
c) Common Room

Response:

Maharshi Dayanand University is an active promoter of gender-equity initiatives with multiple activities related to gender sensitivity on the campus.

The university has a dedicated Women's Study Centre (WSC) on the campus which works steadfastly for creating gender sensitization. There is a Committee to Check Menace of Sexual Harassment and Violence against Women at Workplace in the University. Apart from these the office(s) of the Dean, Students' Welfare and Chief warden (Girls) organize activities to promote gender-sensitization. Various University Teaching Departments also organize programmes related to gender-sensitization. Each year, a large number of programmes/workshops/seminars/special lecture(s), etc. are organized to promote the cause of gender equity.

Safety and security of the students, especially girls, have been top of the priorities for University administration with multiple steps taken including installation of CCTVs on campus, regular security patrolling, deployment of ample security personnel (including female security personnel), and even patrolling by Haryana Police PCRs.

University provides separate non-polluting vehicles for girl-students to commute on campus. Similarly,

University Bus too is provided for on-campus commuting by girl-students from Girls' Hostel Complex to Teaching Depts.

Counseling session(s) are conducted under the aegis of Committee to Check Menace of Sexual Harassment and Violence against Women at Workplace, Women's Studies Centre, and Girls Hostel administration. Dept. of Psychology too provides counseling facilities.

There is a spacious Girls Common Room in Students' Activity Centre equipped with the facilities such as-Newspapers, Magazines, Small Book Library, Mini Gym Accessories, Refrigerator, Microwave Oven, LED TV with DTH facility, Sanitary Napkin Vending Machine and a regular Common Room Attendant. Almost all the important Departments too have the facility of Girls Common Room.

 To attend to health care needs of girl-students, there is a Female Doctor available in Girls Hostel. Further, there is availability of Ambulance & University Vehicle to transport ailing girl-students to neighboring PGIMS, Rohtak.

There is robust mechanism for grievance redressal, in case of harassment, if any, through Departmental Grievance Redressal Committee as well as centralized Prevention of Sexual Harassment Committee and Proctorial Committee.

Thus, M.D. University is a conscious gender-sensitive, inclusive University promoting actively gender-equity values.

File Description	Document
Any additional information	[View Document]()

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

Response: 14.84

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

Response: 1300000

7.1.3.2 Total annual power requirement (in KWH)

Response: 8761538

File Description	Document
Details of power requirement of the university met by renewable energy sources	[View Document]()
Any additional information	[View Document]()

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 55

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

Response: 481884

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 876153

File Description	Document
Details of lighting power requirements met through LED bulbs	[View Document](#)
Any additional information	[View Document](#)

7.1.5 Waste Management steps including:
- **Solid waste management**
- **Liquid waste management**
- **E-waste management**

Response:

University lays emphasis on environment sustainability on its campus, and takes multiple steps for proper waste management. Realizing the importance of sustainable and holistic waste management so as to provide healthy environment on campus, the University has established ENVIRONMENTAL SUSTAINABILITY MANAGEMENT (ESM) CELL THE ESM Cell aims at ensuring proper waste management on the campus.

Thus, University works for clean, green, environment-friendly campus with proper waste segregation and planned disposal of waste through authorized agencies. The campus is strictly 'No Smoking' campus. There is prohibition on use of plastic bottles, plastic glasses and cups, etc. on the campus.

The University administration has made comprehensive arrangements for waste management on the campus. Every department, office, hostel, etc. have been provided with dust bins for disposal of waste material. Similarly, specially earmarked garbage disposal structures have been constructed on the campus for disposing off garbage/waste. The sweepers collect the waste/garbage from the respective depts./offices/hostels, etc., and place them in the earmarked garbage disposal space. Thereafter the University approved contractor gets the garbage/waste removed from University Campus.

The University is establishing a sewage treatment plant (STP) with the help of WAPCOS (Govt. of India Undertaking) which will take care of the treatment of sewage. This 3MLD Sewerage Treatment Plant on MDU Campus is near to completion. This Sewerage Treatment Plant has been constructed based on the SBR (Sequencing Batch Reactors) Technology. The Sewerage water after treatment will be used for Horticulture/Irrigation purposes in MDU Campus itself. Thus the Liquid Waste of MDU Campus will be

fully utilized and managed properly.

The University follows the principles of e-waste (management) Rules' 2016 of Govt. of India as well Policy and procedure for procurement, replacement and disposal of old and obsolete telecommunication and computing/IT products, electronics items etc. Rules' 2015 of Govt. of Haryana.

File Description	Document
Any additional information	View Document

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

University practices sustainable management of water. Especially, rain water harvesting is practiced to utilize rain water. Accordingly, the University has made arrangements for water conservation through Rain Water Harvesting System on the campus. The university implemented this project through a noted NGO-FORCE (Forum for organized Resources Conservation and Enhancement), New Delhi, supported financially by Asian Paints under its' CSR (Company Social Responsibility) project.

Accordingly 176 Rain Water Harvesting Structures have been constructed in the storm water drain in University campus in two phases. Some rain water recharge pits along with recharge well are also constructed. The total run off generated in MDU campus in 130778 cum/year. By implementing the Rain Water Harvesting System, attempt has been made to tap about 65% of runoff generated on campus and add to the environmental sustainability measures on the campus.

File Description	Document
Any additional information	View Document

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

Response:

University can be termed ad 'Green Campus' owing to the abundant greenery on the campus as well as its' efforts to promote green practice.

Lush green campus with 13982 trees belonging to 53 species, 4561 fruit trees of 25 species, 15510 ornamental plants present a soothing look of the university campus. There are 239 flower beds on the campus, and 6252 flower pots on the campus. Total fine grassing area is 319901 sq. meter. The total measurement of hedge is 13135 running meter. Thus, there is substantial green cover on the campus.

The University promotes eco-friendly battery-operated vehicles on campus for transportation purpose. Six vehicles were pressed in service by the University for the purpose. Students and staff are encouraged to commute using bicycles. The University organizes Cycle Rallies time to time to promote environmental consciousness on campus. University Raahgiri Programme was also organized on Oct. 10, 2015 and it promoted cycling as a mode of transportation. A large number of students use bicycle as a mode of transportation. Around 4000 students of University commute on public transport for their studies. The University maintains a fleet of buses which are made available to the students for travel on-campus as well as outside the campus for tours and excursions.

To promote safe path way to pedestrians, and promote health consciousness, separate walkers' paths (Health Track) has been laid down on University campus. Important roads on University campus have footpath (side walk) laid down on the campus.

University administration strictly enforces a culture of Plastic-free campus. Accordingly, office circulars have been issued to prohibit use of plastic bottles, plastic cups and plates, etc. on the campus.

To promote paperless office, official communication is encouraged through e-mail. All circulars/notices, etc. are being sent through e-mail to depts. /offices. Online admissions application process has been initiated to promote paperless admission application(s).

University enforces strict prohibition of sale of tobacco products on the campus. MDU campus is smoking – free campus with provisions of fire and disciplinary action for violation in this regard.

University administration organizes 'Green Drive' 'Cleanliness Drive' and *Swacchta Abhiyan* on regular basis to make the concept of Green practice a reality.

File Description	Document
Any additional information	[View Document](#)

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

Response: 2.4

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

2017-18	2016-17	2015-16	2014-15	2013-14
562.02	380.72	225.49	257.52	124.07

File Description	Document
Green audit report	[View Document](#)
Details of expenditure on green initiatives and waste management during the last five years	[View Document](#)

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

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

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

Response: A. 7 and more of the above

File Description	Document
Resources available in the institution for Divyangjan	[View Document](#)
Any additional information	[View Document](#)

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

Response: 29

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

2017-18	2016-17	2015-16	2014-15	2013-14
14	10	01	01	03

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

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

Response: 14

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

2017-18	2016-17	2015-16	2014-15	2013-14
3	3	4	1	3

File Description	Document
Report of the event	View Document

7.1.12
Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

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

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description	Document
Provide URL of website that displays core values	[View Document](#)

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

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	[View Document](#)
Any additional information	[View Document](#)

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

Response: Yes

File Description	Document
Provide link to Courses on Human Values and professional ethics on Institutional website	[View Document](#)

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

Response: Yes

File Description	Document
Provide URL of supporting documents to prove institution functions as per professional code	[View Document](#)

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

Response: 111

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

2017-18	2016-17	2015-16	2014-15	2013-14
20	26	27	25	13

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

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

Response:

Institution organizes National Festivals and Birth/Death Anniversaries of the Great Indian Personalities

The National Festivals- Independence Day (Aug. 15) and Republic Day (Jan. 26), and Gandhi Jayanti (Oct. 2) are celebrated with patriotic fervour and great enthusiasm in the University.

The Independence Day and Republic Day functions are held in Tagore Auditorium of the University. There is Flag Hoisting, and a programme comprising of patriotic songs, dance medley, speeches, and poetic recitation eulogizing the sacrifices made by our freedom-fighters. Students of University Campus School and University Teaching Departments, teachers, non-teaching employees, alumni, parents- guardians etc. remain present in these functions.

Gandhi Jayanti and Lal Bahadur Shastri Jayanti (Oct. 2), which is also International Day of Non-Violence, is marked by BHAJAN-PRABHAT (A musical soiree), SHRAM-DAAN by National Service Scheme (NSS) volunteers, and various competitions based on the relevance of the day.

Apart from this, University through its students' Welfare office, NSS Units, University Teaching Departments observe the Birth and Death anniversaries of prominent Indian personalities.

Maharshi Dayanand *Jayanti* is celebrated annually by the University with *Yajna*, and spiritual Lecture(s), rendition of *Bhajans*, memorial speeches, etc.

The various chairs named after prominent national/regional icons organize Seminars/Conferences/Memorial programme to mark the respective *Jayanti* (s).

The University Library organizes Book Exhibition (Book Display) on the national icons to commemorate their *Jayant*i(s).

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

auxiliary functions

Response:

University maintains complete transparency in its financial, academic, administrative and auxiliary functions strictly as per the statutes and ordinances of MDU Act. The decisions are taken in Academic Council (A.C.), Financial Committee (F.C.), Executive Council (EC) and University Court as per statutory norms. The decisions of Statutory Bodies are displayed on University website as part of transparent administrative practice. University's short-term and long-term planning is done by the Academic Planning Board.

All the financial (accounts related) matters are duly audited by the Audit Office. The legal aspects of any University decision are got vetted by Legal Cell of the University.

Decision making process in University is democratic, thoroughly participative, transparent, judicious, and aimed at University's holistic growth and development.

At the departmental level, decision(s) are taken in Departmental Committee(s). For research related registration/enrollment, there is Dept. Research Committee (DRC) in each teaching department. All academic issues/ decisions are considered and decided in U.G. Board of Studies (for U.G. Courses), and P.G. Board of Studies (for P.G. Courses). Thereafter, the proceedings of UGBOS/PGBOS are considered, and decided in respective faculty meeting(s).

Admission related issues are decided in Admission Committee. All purchases(s), as specified in University statutes, are decided by Centralized Purchase Committee (CPC). Similarly, research related purchased, etc, are decided in Research Project Committee (s). The office of Director (Research) takes up all major issues related to research activities.

Integrity in research work (M.Phil/Ph.D) is ensured by compulsory plagiarism check in University Library by applying Turnitin software. Integrity in departmental academic and research activities is ensured by mandatory academic audit of each Teaching Departments.

Auxiliary functions, including literary & cultural activities, sports activities, National Service Scheme (NSS), Youth Red Cross (YRC), affiliated colleges issues, etc. are taken care by Dean, Students' Welfare office, Sport office, NSS office, YRC office, and Dean, College Development Council office(s) respectively. All decisions are taken as per rules, and by committee(s) established for respective purposes.

Issues of students' indiscipline, if any, are considered and decided by Proctorial committee under the chairmanship of Proctor. Issues related to personnel matter are dealth with strictly as per University rules and regulations by the Establishment Branch (Teaching) Non-teaching). Issues complaints related to sexual harassment, if any, are dealt with by the Committee to check the Menace of Harassment and Violence Against Women at Workplace.

The University administration religiously follows the University Act, including its Statutes and Ordinances, the policies and rules and regulations laid down by the statutory bodies.

7.2 Best Practices

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

Response:

Practice-1

1.1. **Title of the Practice**

PROMOTION OF RESEARCH CULTURE

1.2. Objectives of the Practice

With a view to provide impetus to ongoing research activities across various disciplines on the campus, the major objectives include the following:

- Innovative and high impact research
- Imbibing research-oriented culture
- Intertwining research activities and academics
- enhancing the scientific temperament and research potential of faculty members

1.3. The Context

Teaching and Research play a pivotal role in achieving the quality and attributes of the graduates passing out from an institution both in national and international perspective. In an innovation-driven global society where research is the key to prosperity and social well-being, it becomes imperative that the Research activities be suitably nurtured and essential support is provided to the faculty

members actively engaged in teaching students at undergraduate and postgraduate level. The constraints of time and facilities usually hamper the ability of teachers to stay focused in specialized areas, thereby, limits the interdisciplinary approach and thinking process. This necessitates the need for the measures for encouragement and promotion of research.

1.4. The Practice

As described before, research is important in growth and development of a country and the University as per its Vision and Mission statement is committed to provide quality education to its students has undertaken major initiatives to strengthen and promote ongoing research activities and its integration with the academics. For this purpose, various initiatives such as, an appropriate research policy, augmentation of research infrastructure, hiring and training of human resources, incentives at different levels, etc. have been undertaken. The main emphasis is on research-based understanding and learning, research-based/research-informed teaching to enable systematic delivery in the teaching-learning process.

Various steps in this direction have been introduced to encourage research activities and strengthen research culture in the University, some of which include the following:

a) Admissions to M.Phil/Ph.D. programmes on the basis of competitive entrance examination

b) Providing research scholarships to students in each department

c) Holding inter-disciplinary seminars, workshops, and symposia

d) Inviting national and international experts on problem solving, critical thinking, etc.

e) Best thesis award on the basis of the cumulative impact factor of the papers published

f) Provision of duty/academic/study leave and financial assistance to the teachers

g) Excellent infrastructural facilities for research and innovation with the assistance by intramural sources of finance and assistance by external funding agencies such as UGC, ICMR, ICSSR, MHRD, DST, DBT etc.

h) State of the art facilities including Vivekananda Central Library, Central Instrumental Laboratory, Animal House, Green House, etc.

i) Subscription to large number of research journals including e-Journals.

j) Providing seed money to faculty members out of Radha Krishnan foundation fund.

k) Simplification of the system and procedure for execution of Research Projects.

l) Exhorting the faculty for publication of research articles in high impact journals, presentations at national and international scientific meetings and competing for national and international highly acclaimed awards

To facilitate academic freedom and conducive environment for research, the University has following mechanisms in place:

- Research Promotion Policy

- Intellectual Properties Right Policy

- Establishment of IPR Cell

- Rules for Consultancy Services of the University

- Code of Ethics for Academic Integrity and Plagiarism

1.5. **Evidence of Success**

The impact of integrating research and education is reflected in terms of:

- Awards such as Raman Post-Doctoral Fellowship, Marie Curie International Research Staff Exchange Scheme Fellowship, INSA Visiting fellowship, Indo-US Professorship, etc. to Faculty members of Life Sciences

- Award of around 900 PhD Degrees in last five years.

- Published 629 books/books chapters/ proceedings

- Published Ten National and International Patents

- Publication of research papers in refereed Journals indexed in reputed databases including WoS/Scopus/Pub Med/ICI and indicative of the research standards with an H-index of 58.

  - Financial support for number of research projects worth more than 3 crores at present by various funding agencies like UGC, AICTE, DST-FIST etc.
  - 76th Rank in NIRF Survey 2018

- Self-directed and motivated research scholars

1.6. Problems Encountered and Resources Required

The time lag in release of funding granted for various research projects by various external agencies as the funds are not released in time is a major irritant thereby affecting timely execution of research projects. Since integrating research and education requires considerable resources, efforts are needed for resource generation from internal accruals. The reluctance of students to comprehend education and research in early learning experiences is also one of the impeding factors. Efforts have been made to convert this challenge into opportunity thereby prompting the students to excel. The faculty members involved in basic research are encouraged to undertake application-based research in line with industry expectations finally culminating into projects of similar nature.

Practice-2

2.1. Title of the Practice

ADMINISTRATIVE STAFF TRAINING

2.2. Objectives of the Practice

Administrative Staff Training College aims to organize training programmes with a broader objective to improve administrative effectiveness through inculcating professional and ethical work culture among non-teaching staff and imparting training regarding various aspects of official functioning including the following:

- Increased awareness about the latest Rules and Regulations, both of the State and the Central Government

- Effective implementation of the rules and regulations of the University

- Enhancing soft skills and skills for e-governance practices

- Inculcating ethical values of honesty & integrity

- Positive and solution oriented mind-set and conflict resolution

- Increased efficiency, time management & resources management skills

- Inculcating dynamic leadership qualities in Branch Officers

2.3. The Context

Effective utilization of Human Resources in the University being the focus of this endeavor, as a

trained, motivated and disciplined work force is critical to achieve the University work-related goals. This being the context for establishing Administrative Staff College (ASC) for the training of non-teaching employees to tackle the challenging issue of bringing about attitudinal change in functioning of the non-teaching employees. In addition, the aim was to fine-tune the employees to training practices so to achieve the desired objectives. The uniqueness of this programme is to train the class IV promote employees to be computer/Tech savvy.

2.4. The Practice

Administrative Staff College (ASC) organizes various training/capability enhancement programmes for non-teaching employees of the University. This Centre aims at providing platform for knowledge enhancement and professional development of non-teaching staff of the University. This need-based training intends to boost the administrative system in the University.

Administrative Staff College (ASC) has organized forty programmes in last five year to train the administrative staff to inculcate skills and improve knowledge base. Administrative Staff College (ASC) activities includes the programmes on:

a) Orientation programmes

b) Understanding and applications of various provision of Act, Statues, Ordinances, Rules and Regulations of the University and other Apex State & Central Government Bodies

c) Accounting and IT Skills

d) Purchase Procedures

e) Research Management

f) Education Management and Governance issues in Higher Education Institutions

g) Examinations Procedures & Reforms

h) Grievance Redressal Mechanisms

i) Attitudinal Changes

j) Stress Management

k) Soft Skills

l) Work Ethics

These programmes were aimed to trains newly appointed staff and promoted staff to develop skills to meet their job requirements. These programmes were specially organized to improve Communication Skills, Computation Skills, Accounting Skills and outlook of University administrative, examination and purchase procedures through training sessions by experienced functionaries from State Government, Central Government and Corporations, Legal experts, Charted Accountants, Auditors on contemporary and emerging issues like GST, Public Finance Management System, Pay Revision etc.

With the view to make it a regular practice, the Executive Council of this University has proposed the

creation of the one post each of Director (Professor's scale of Pay), Section Officer, Senior Assistant, Steno-Typist/Computer Operator and Peon so that the Training Programme is conducted in a smooth manner.

2.5. Evidence of Success

The outcomes of Administrative Staff training are measured and evaluated and following are the observations:

- Overall improvement in the work culture

- Decreased absenteeism of employees

- Speedy disposal of work by the employees

- Behavioural change reflected in terms of positive interaction of the employees with visitors, faculty and students

- Account personnel well acquainted with the latest accounting procedures including GST.

- Increased adoption of the academic and examination reforms introduced in the University recently

- Increased feedback/ suggestions from a large number of employees for the improvement of administrative system

2.6. Problems Encountered and Resources Required

The issues/problems encountered during the programme are:

1. Bringing about the attitudinal change

2. Resistance regarding adoption of the latest ICT Technologies

3. Bringing attitudinal change in employees to undergo training, especially, in case of class IV employees who get promoted to class III, to make them ICT savvy

4. Braving constraints of Funding, ASC functions in an efficient manner within the budget provided by the University from internal resources

5. The proposal for creation of post of director and other supporting staff is pending with State Government. In absence of fulltime Director and other staff, Registrar and his OSD are holding the additional responsibility of ASC.

7.3 Institutional Distinctiveness

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

Response:

In letter and spirit of the Maharshi Dayanand University Act, 1975, passed by the Haryana Legislative Assembly seeking "to establish and incorporate a teaching-cum-affiliating University at Rohtak for the encouragement of Inter-disciplinary higher education and research with special emphasis on studies of Life Sciences and Environmental and Ecological Sciences", the University has come a long way while

traversing an eventful path in the form of the world class facilities @ Faculties of Life Sciences. The University`s aspiration to be a leading 'transformative learning community' recognized world-wide for excellence in teaching, research and service and as a catalyst for intellectual, social, cultural and economic development is truly reflected in terms of the state of the art facilities, dynamic human resource and above all the quality of research output. All this has resulted in significant improvement in the quality of learning and teaching, expanded research capabilities, introduction of innovative and interdisciplinary programmes etc. thereby, increased visibility of Life Sciences and earning them a place both regionally and nationally.

In this regard, the University has undertaken numerous initiatives, of which the few salient ones are enumerated below:

a) Creation of ten (10) Departments/Centres Viz. Botany, Environmental Sciences, Zoology, Centre for Bio-Technology, Bio-Chemistry, Genetics, Microbiology, Food Technology, Centre for Bioinformatics and Medical Biotechnology to cater teaching and research in Life Sciences

b) State-of-art infrastructure and Research laboratories with sophisticated instruments

c) Well qualified and motivated faculty with specialization in niche areas

d) Excellent facilities in form of Herbal Garden, Green House, Animal house, Central Instrumentation Laboratory etc.

e) MOU's with renowned Institutes/Universities for academic and research collaborations and exchange programmes.

f) Startup grants for the young researchers

g) Flexi-timings for faculty to promote independent and innovative research

h) Provision of duty/academic/study leave and financial assistance to the teachers

i) Sponsorship for overseas travel for international conferences and for collaborative research

j) Implementation of Research Promotion Policy, IPR Policy, Rules for Consultancy Services of the University, Code of Ethics for Academic Integrity and Plagiarism.

k) Functional R & D Cell, Environmental Sustainability Management Cell and Intellectual Property Rights Cell

The thrust areas of research are:

a) Human Genetics and Medicinal Plant Genetics

b) System Biology

c) Microbial Biotechnology and Enzyme Technology

d) Clinical Biochemistry and Material Science

e)   Stem Cell Biology

f)   Molecular Diagnostics

g)   Ethnobotany

h)   Stress Physiology

The impact of various initiatives reflecting the distinctiveness in Life sciences can be clearly seen in terms of:

a)   Awards such as Raman Post Doctoral Fellowship, INSA Visiting fellowship, Indo-US Professorship, Indo-Australia Research Fellowship etc. to Faculty members of Life Sciences.

b)   Publication of more than 700 research papers in journals of national and international repute and more than 200 books/book chapters by the Faculty members.

c)   Funding of more than 3 crores for research projects by various funding agencies like UGC, DBT, ICMR, DST-FIST etc.

d)   UGC Innovative M.Sc. Programmes @ The Department of Genetics and Department of Environmental Sciences

e)   DBT-HRD and DBT-BTISnet programmes @ Centre for Medical Biotechnology and Centre for Bioinformatics respectively.

f)   UGC SAP projects @ Department of Genetics and Department of Biotechnology

g)   DST FIST projects @ The Department of Genetics, Zoology, Botany, Biochemistry, Microbiology and Centre of Biotechnology

h)   Funding for Global Initiative for Academic Network (GIAN), Ministry of Human Resource and Development, Government of India @ The Faculty of Life Sciences

The initiatives and measures including the above have enabled the Maharshi Dayanand University, Rohtak to benchmark among the best universities in the country [Ranked 76 (NIRF-2018)]. Gradually, the University envisions for a place amongst the top 50 Universities nationally and amongst top 500 Universities globally fueled by improved R&D quality, gradual shift to 'applied research' focused on end applications, conducive research atmosphere etc. in the next 5 years resting on the strength and distinctiveness of the Life sciences and its percolation to other faculties and departments.

5. CONCLUSION

Additional Information :

http://dms.mdu.ac.in/NaacDocs/0001_8_Additional%20Information_AdditionalInformation.jpg

Concluding Remarks :

Maharshi Dayanand University aspires to be a leading 'transformative learning community' recognized world-wide for excellence in teaching, research and service and as a catalyst for intellectual, social, cultural and economic development. Since establishment, University thrives to achieve its vision and mission, accordingly initiated quality initiatives like recruitment of experienced research oriented faculties, development of state of art physical facilities, creation of research ecosystem, building and strengthening proactive students support system, designing and updating the diversified job and human value oriented academic programmes, ensuring transparent and effective e-governance system along with adhering to human values to develop skilled manpower with graduate attributes.

SSR for re-accreditation (Third Cycle) was collectively prepared based on the input from IQAC, Faculties, Departments, Offices and Cells at all levels, keeping in mind aims and objectives of the institution to nurture professionally skilled, socially responsible and environmentally aware manpower to contribute towards nation building.

While preparing this self-study report, we have introspected University's progress and the challenges before it. We are grateful to NAAC for providing this opportunity for self-assessment which will help us to improve further to benefit all our stakeholders, namely students, alumni, faculty, staff, academia, industries, society and the nation as a whole.

We strongly believe that quality improvement is a never ending process therefore we look forward to the visit of NAAC Peer team to seek its suggestions and advice for making further improvements.