MAHARSHI DAYANAND UNIVERSITY, ROHTAK
Consolidated Academic and Administrative Audit Report 2019-20
Part A: Academic Audit

1. Academic Programs

Academic programs*	No. of seats Offered	Students Intake
Under Graduate	902	883
Post Graduate	2352	2346
Integrated Programs	615	458
Certificate/Diploma/Advanced Diploma	410	222
M.Phil	157	118
Ph. D.	419	246

2. Approval of Academic Programs by the regulatory bodies

Name of Faculty	Name of UTD	Name of Programs	Approving Agency
Education	Education	M.Ed.	NCTE
Engineering and Technology	UIET	B. Tech. and M. Tech	AICTE
Law	LAW	LLB	BCI
Pharmaceutical Sciences	Pharmaceutical Sciences	B.Pharm. & M. Pharm.	PCI, AICTE
Education	Physical Education	B.P.Ed & M.P.Ed	In process
Physical Sciences	Computer Science and Applications	MCA and M.Tech.	In process
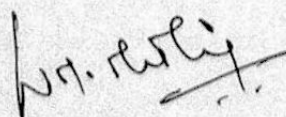
3. Faculty- student Ratio – 1:26.59

4. Mentor- Mentee ratio: 1:26.59

5. Regular Mentor-Mentee meetings (Yes)

6. Distribution of the Students Enrolled in Academic Programs

General		BC		SC		EWS		PH/FF	
M	F	M	F	M	F	M	F	M	F
3339	2485	1313	900	1121	652	70	37	21	12

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7. Student Progression in the last academic session
a) Pass percentage of students in first attempt = 75.61 %
b) Students qualifying in state/national/international level examinations during the year (2018-2019): 309

8. Faculty information
a) Details of the Teaching Posts

Sanctioned	Filled	Vacant	No. of Contract/ Guest Faculty / Resource person
602	356 + 80 = 436	166	95 80

b) Details of present faculty :Average Teaching Experience (in years): 15.44 yr

9. Details of Research publications:

UGC/Scopus/UGC listed Journal	Other Publications
623	--

10. Details of Book/Book Chapters published

Number of Book/s published:	06
Number of Book chapter/s published:	177

11. Number of patent filed/awarded: 01

12. Details of Research Supervision:

Number of Ph.D. Students Supervised		Number of Dissertations / Projects Supervised	
Awarded	Registered	MA/M.Sc./M.Tech./MPharm. Dissertation	PG Projects
167	299	597	882

13. Research Projects Awarded/Ongoing/Completed during the Year (2019-2020)

No of projects	Sanctioned Amount (In Rupees)
25	2.52 Cr. (25206098)

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14. Participation in Conferences/ Invited Talks / Extension Lectures, etc.

Participation / presentation of paper in conferences/seminars/workshops etc			Participated as resource person in conferences/seminars/ workshops / refresher courses etc.			Number of radio talks	Number of extension lectures delivered
National	International	State level	National	International	State level		
397	387	52	53	98	24	12	191

15. Awards/ Recognition Received by Faculty Members: 26

16. Number of seminars/conferences/workshops/extension lectures etc. organized by the departments: 138

17. Details of consultancy activities of the Departments: 02

18. Details of syllabus revision

Number of Programs where syllabus was revised	25
Number of New Courses introduced:	02
Number of New Programs introduced	nil

19. Number of extension and outreach programs conducted if any in collaboration with industry, community and non-government organizations through, NSS/NCC/Red cross/Youth Red Cross (YRC), Swachh Bharat, Aids Awareness, Gender issue, moral/ethical values/ personality development etc.

Number of activities	Number of Students Participated
28	1462

20. Details of Collaborative activities of the department
   a) Linkages with institutions/industries for internship, on the job training, project work, sharing of research facilities during the year :28
   b) MoUs signed with institutions of national, international importance, other Universities, industries, corporate houses etc. during the year: 03

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21. How many computers / ICT resources available in the department for student's usage:2356

22.Number of Instruments in the Department (Details of more than Five Lakh for Science Departments, and more than one lakh for the remaining departments):158

Part B: Administrative Audit

1. Administrative functioning of the department: Good

(i)	Timely Disposal of files	Yes
(i)	Functioning system of IQAC at department level	Yes
(i)	Functioning system of other constituted committees like (DC, DRC, PGBOS, Alumni, CCPC etc.) at department level	Yes
(i)	System of keeping and preserving the data	Yes

2. Good academic and innovative teaching practices of the Department

- Group discussions and presentations for enhancing better understanding and communication skills of students.
- Usage of ICT tools for effective teaching.
- Conduct of classes through google meet/Webex meeting etc. and uploading the e-resources on the LMS portal of the University during Covid-19 pandemic.
- Regular conduct of journal club to enrich the research activities.
- The launch of Tele Counselling helpline- SAMADHAN during Covid-19 pandemic to boost mental health of the students.
- Regular mentor Mentee Interactions
- Sharing of teaching-learning materials through social media.
- Collection of stakeholders' feedback for improvement of curriculum vitae.
- Extension lecture to make the students aware of latest developments in the field which is not covered under syllabus.
- Promotion of interdisciplinary research.

3. Action taken by the Department on the recommendation of previous Academic Audit Report:

UTDs took initiatives to implement the recommendations / suggestions of the expert committee as per the previous Academic and Administrative Audit Report.

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OBSERVATIONS AND RECOMMENDATIONS OF EXPERT COMMITTEE

Suggestions by the Academic Audit Committee for improvement of academic environment of the Departments.

1. The teaching faculty members should be encouraged to apply for more competitive grants in order to further improve the infrastructure and research facilities in the laboratories.
2. Vacant positions of teaching and non-teaching may be filled on priority basis.
3. Department should organize more popular/ expert lectures/webinars/contests/hands on training for student exposure and training.
4. MOU's with industries and academic institution must be taken up on priority.
5. More efforts to be made for successful running of Certificate courses.
6. Outreach program must be initiated to popularize the programs offered by the University at college/school level.
7. Faculty should publish articles in reputed journals having good impact factor.
8. Opportunities on Industry academia interface should be explored
9. Faculty members and students) should be encouraged to adopt various arrays of ICT tools for teaching, research discussion and routine interaction.
10. Routine Mentor-Mentee meetings should be organized for students.
11. The department should organize soft skills sessions and career building sessions for students.
12. Department should emphasize patent filing out of students' research.
13. Periodic revision of syllabi to improve employment opportunities.
14. Greater alumni networking must be put in place for career guidance & placement.
15. The students need personal and academic guidance for preparation of exam like NET. Faculty of the Department need to interact with students specifically for qualifying such exams.
16. Student – Centric teaching learning methodologies may be adopted.
17. Students must be made aware of plagiarism.
18. There is insufficient space for teaching as well as research laboratories in

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some Departments need to be addressed. Therefore, space for same may accordingly be increased. Adequate space for keeping sophisticated instruments is lacking and need proper conditions for their efficient functioning.

19. Starting of new programs in accordance with the NEP 2020 must be explored.

20. The Institute must look for opportunities of introducing MOOCs and blended mode of learning for students by creating such facilities as proposed in NEP 2020.

21. There is requirement of establishing an advisory board for the Institute to guide and suggest changes as per the latest industry requirements.

22. Training & Placement Cell should function more efficiently and actively.

23. The Industrial visits should be organized to enhance practical training of the students.

24. Department should focus on offering value added and soft skill programs

25. AMC of high end instrument should be made and more funds should be allocated for the maintenance of the instruments.

26. Faculty should be motivated to seek consultancy projects.

27. Organization of Mental Health Mela to sensitize the people about the importance of mental health and to eradicate the stigma related to such issues.

28. The university library should be enriched further by including both online and offline resources.

29. Lectures on Gender sensitization and women issues to be organized regularly.

30. Organization of Workshop on Industry Academia Interaction and Patenting.

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OVERVIEW OF THE EXPERT COMMITTEE ON STUDENT INTERACTION

1. The students are satisfied with teaching learning and mentoring methods of the departments.
2. More emphasis should be given on practicals to compensate the loss due to Covid-19 pandemic.
3. More initiatives must be taken at departmental or University level to cater their needs to crack national level exams like NET, GATE etc.
4. Increased focus on placement of students in line with industry requirements.
5. Vacant positions of teaching and non-teaching be filled on priority basis.
6. Allocation of funds for specialized Research Labs in line with future requirements.
7. Designing of syllabi in line with Industry requirements.
8. The department should adopt innovative pedagogical methods and techniques to make the teaching more accessible to students.
9. Conduct of Summer training programme by the departments.
10. Career counselling of students needs to be strengthened.
11. Provision of departmental library.
12. More practical based inputs should be provided to students through expert lectures, tours, industry visits etc.
13. Efforts should be made for improvement of communication skills of the students.
14. Conduct of workshop related to access of e-resources/ career guidance.
15. Students are allowed to opt the optional paper on their own choice.

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