Annual Quality Assurance Report (AQAR) 2016-17

AQAR 2016-17

DEVI AHILYA VISHWAVIDYALAYA INDORE, MP

Track ID- MPUNGN10011
www.dauniv.ac.in

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The Annual Quality Assurance Report (AQAR) of the IQAC

2016-17

Part – A

1. Details of the Institution

1.1 Name of the Institution	DEVI AHILYA VISHWAVIDYALAYA
1.2 Address Line 1	NALANDA PARISAR
Address Line 2	R.N.T MARG
City/Town	INDORE
State	Madhya Pradesh
Pin Code	452001
Institution e-mail address	registrar.davv@dauniv.ac.in
Contact Nos.	0731-2527532
Name of the Head of the Institution	Dr. Narendra Kumar Dhakad, Vice- Chancellor
Tel. No. with STD Code:	0731-2529476
Mobile:	09826044555
Name of the IQAC Co-ordinator:	Prof. Ashok Kumar
Mobile:	9425962688
IQAC e-mail address:	davv.naac@gmail.com
1.3 NAAC Track ID (*For ex. MHCOGN 18879*	MPUNGN10011
1.4 NAAC Executive Committee No. & Date: (For Example EC/32/A&A/143 dated 3-5-2004. This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)	EC/66/RAR/146 dated 21-02- 2014
1.5 Website address:	www.dauniv.ac.in
Web-link of the AQAR:	http;//www.iqac.dauniv.ac.in.2016-17_AQAR.doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B	Four Star	2000	5 years
2	2nd Cycle	B	2.57	2008	5 years
3	3rd Cycle	A	3.09	2014	5 years

1.7 Date of Establishment of IQAC :	21/11/2008
1.8 AQAR for the year *(for example 2010-11)*	2016-17
1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((*for example AQAR 2010-11submitted to NAAC on 12-10-2011)*	
AQAR 2013-14	
AQAR 2014-15 submitted to NAAC on 11/07/2016	
AQAR 2015-16 submitted to NAAC on 11/07/2016	

1.10 Institutional Status

University	State	Central	Deemed	Private
	✓			

	Yes	No
Affiliated College	✓	--
Constituent College	✓	--
Autonomous college of UGC	--	✓
Regulatory Agency approved Institution	✓	--
	AICTE , UGC, ICSSR, NCTE, MCI, PCI, INC, DCI, Bar Council, PMCI	

Type of Institution	Co-education	Men	Women	Urban	Rural	Tribal
	✓	--	--	✓	--	✓

Financial Status	Grant-in-aid	UGC 2(f)	UGC 12B	Grant-in-aid + Self Financing	Totally Self-financing
	✓	✓	✓	✓	--

1.11 Type of Faculty/Programme	Art	Science	Commerce	Law
	✓	✓	✓	✓
	PEI (Phys Edu)	TEI (Edu)	Engineering	Health Science
	✓	✓	✓	✓
	Management	Others (Specify)		
	✓	Engineering Sciences, Technology, Social Sciences, Life Sciences, Home Sciences, Dentistry, Aurveda, Medicine		
1.12 Name of the Affiliating University *(for the Colleges)*	N.A.			

1.13 Special status conferred by Central/ State Government-GC/CSIR/DST/DBT/ICMR etc.

Autonomy by State/Central Govt. / University	State Public University
University with Potential for Excellence	No
DST Star Scheme	Yes
UGC-Special Assistance Programme	Yes
UGC-Innovative PG programmes	No
UGC-COP Programmes	No
UGC-CPE	Yes
UGC-CE	No
DST-FIST	Yes
Any other (Specify)	Centre for Excellence by M.P. State Government, Bhopal

2. IQAC Composition and Activities

2.1 No. of Teachers	08
2.2 No. of Administrative/Technical staff	01
2.3 No. of students	02
2.4 No. of Management representatives	N.A.
2.5 No. of Alumni	02
2. 6 No. of any other stakeholder and community representatives	02

2.7 No. of Employers/ Industrialists	02		
2.8 No. of other External Experts	03		
2.9 Total No. of members	20		
2.10 No. of IQAC meetings held	06		
2.11 No. of meetings with various stakeholders:	02		
	Faculty		Non-Teaching Staff
	4		4
	Students		Alumni
	04		02
2.12 Has IQAC received any funding from UGC during the year?	No		
If yes, mention the amount	Not Applicable		
2.13 Seminars and Conferences (only quality related) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC	Total Nos	National	Institution
	03	01	02

2.14 Significant Activities and contributions made by IQAC

- Curriculum revision and addition of advanced topics in departments

- The feedback from the students as well as external experts' opinion is obtained after completion of every semester.

- IQAC conducted Academic Audit (Internal and External) on all the criterion based quality measures

- Motivating faculty by Research Awards on Republic Day.

- Induction and Orientation programs are organized in the beginning of the academic session which was addressed by the Hon'ble Vice Chancellor and Invited Guests.

- Motivational and Anti ragging films are also shown to the students.

- Academic Calendar (AC) for teaching, learning and evaluation activities is planned by in consultation with the departments, and other academic bodies.

- Faculty and the research scholars of the University are motivated for quality Research

- Required Infrastructure and green campus are continuously improved this year for quality support to faculty and students

- Career Counselling and Opportunity Cell, Placement and Guidance cells at Department levels have also been constituted

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
Induction Programme for the newly admitted students	Induction programme was organized in the University Auditorium with a view to welcome all the newly admitted students in the University.
	Students were informed about the facilities in the campus, examination pattern, CBCS, skill oriented courses, Grievance redressal mechanism, various policies framed by the University and other students related information.
Preparation of University Annual Calendar delineating Time-Table Unit Test/Semester examination schedule, Course Plan, etc.	Planned information flow to all the stakeholders related to the academic and other activities of the University was provided. Time table and scheduling of lectures was followed by the teachers and students. Syllabus would also be loaded on website.
Updation /revision of Syllabus and their display on website	Syllabus of most of the course have been updated and revised. Course plan and syllabi of all the courses are uploaded by all the departments on the university website.
Plan to organize Extension activities	A number of extension activities such as Campus cleanliness drive, Blood Donation, Poster March for Environmental Awareness, Swachhata-Abhiyaan activity, Pledge taking Ceremony on "Sadbhavna Diwas", Work for street children, Women empowerment and awareness programme, programme for orphanage, investors' awareness programme, Tuberculosis awareness programme etc. were organised over the year.
Activities related to the SWAYAM Portal	e-Contents and MOOCs were developed as the online learning resources
Conduction of Interdepartmental Co-curricular, Sports activities	In a view to have holistic development of the students, a number of student's centric activities were organized over the year.
Plan for seminars/workshops/conferences to be organized by the different UTDs.	A number of national/International seminars, workshops, conferences were organized by different departments.

To organize invited lectures by the eminent personalities	A number of personalities of eminence such as Nobel laureate Shri Kailash Satyarthiji, Veteran Film actress Smt. Hema Malini have visited the University to address the academic fraternity.
	Besides, many UTDs have also organized experts talk in their respective departments.

* *Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body	Yes
Provide the details of the action taken	AQAR submitted for the approval of Statuary body and Approved.

PART – B
CRITERION – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	35	0	30	4
M. Phil.	23	0	14	0
PG	100	1	46	26
UG	28	0	15	4
PG Diploma	07	0	4	0
Advanced Diploma	0	0	2	0
Diploma	03	0	4	0
Certificate	08	5	08	0
Others	03	0	0	2
Total	207	06	123	36

Interdisciplinary	25	0	14	14
Innovative	6	0	7	4

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	Yes, 164 programmes
Trimester	00
Annual	00

1.3 Feedback from stakeholders *(On all aspects)*	Alumni	Parents	Employers	Students
	Yes	Yes	Yes	Yes
Mode of feedback	Manual		Manual	
Co-operating schools (for PEI)				
*Please provide an analysis of the feedback in the Annexure				

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Syllabi of all the programs are periodically updated in the light of new developments in the different disciplines. UGC guidelines are followed, wherever it is required.

Details of revision/update of syllabi is given below-

- School of Energy has added some topics in the syllabi of M. Tech. and more case studies were included.

- Revision and updation of syllabi is done every year in School of Electronics and School of Physics. Input from Academic peers and Industry peers are periodically taken both online and offline.

- Syllabi revision is done every two years by School of Life Sciences.

- Department of Life Long learning has done modifications in DID program and Computer courses.

- Revision and updation of syllabi is done in each semester in IMS.

- School of Law updated syllabi in the light of new enactments and judgements of Apex court.

- School of Instrumentation updated syllabi with recent technology trends.

- School of Education revised syllabi on the basis of Policies of National and State bodies (according to NCTE regulation 2014). Feedback from stakeholders and needs of the Learners were also taken into consideration.

- School of Data Science has renamed M. Tech. (Future Studies and Planning) as M. Tech. (Data Science) and curriculum has also been changed accordingly. Similarly M.Tech. (Systems Management) has been renamed as M.Tech. (Big Data Analytics) and curriculum has been changed accordingly.

- School of Chemical Sciences has revised Ph.D. curriculum. Updation/modifications are done in the M.Sc. Chemistry and M. Sc. Pharmaceutical Chemistry syllabi as per CBCS and Ordinance requirements.

- School of Bio-Technology has added some subjects to provide more choices to the candidates according to their area of interest in accordance to CBCS. Curriculum development process is based on the recommendations of DBT, various experts from the academics, corporate sector and student's feedback on course content and design. Syllabi are finalized in the meeting of the Board of Studies.

1.5 Any new Department/Centre introduced during the year. If yes, give details.	Yes, Deen Dayal Upadhyay Kaushal Kendra has introduced

CRITERION – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
310	178	39	69	24

2.2 No. of permanent faculty with Ph.D.	192

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
21	39	07	30	14	25	06	01	34	77

2.4 No. of Guest and Visiting faculty and Temporary faculty

Guest faculty	Visiting faculty	Temporary faculty
88	418	80

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	71	80	34
Presented papers	112	152	0
Resource Persons	18	46	31

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Academic autonomy is given to all UTD's.

- Academic activities are planned in advance and declared in the form of Academic Calendar, which is strictly followed by all the departments.

- As per CBCS pattern students are shown the answer books after writing examinations and the queries are resolved by the concerned faculties.

- Institutions engage the students in active, experiential and blended learning through different modules, PLM and digitalized material. E-books, technical CD/DVD's

- Lectures are supplemented by interactive sessions, assignments, class seminars and practicals.

- Students are encouraged to use ICT through presentations in their study.

- Students encouraged to take industry based projects to understand present industry problems.

- Most of the Schools/Departments design and revise the syllabus in view to impart the basic concepts, advancement in the courses /subjects components and the employability.

- Workshops, Seminars and expert lectures are organized frequently for better understanding of subject matter in which distinguished academicians, entrepreneurs, industry persons are invited to discuss the related topics with students.

- Internships, Minor and Major Projects for creativity, research and skill development through specific courses in the National institutes/Multinationals/ industries/organisations are promoted to make better employability.

- Remedial classes/Tutorials are conducted in most of the UTD's.

- The institution incorporates new technologies into its programmes and encourages students and faculty to use and adopt technology in teaching-learning.

- Both online and offline Feedback Mechanisms are adopted in most UTD's.

2.7 Total No. of actual teaching days during this academic year	198

2.8 Examination/ Evaluation Reforms initiated by the Institution:

- Each course/subject follows internal exams, end semester examinations followed by comprehensive viva voce.

- As per CBCS pattern students are shown the answer books after writing exam and the queries are resolved by the concerned faculties.

- Some UTD's are following Central Valuation system for evaluation. The evaluation work starts from the first day of commencement of the examination and results declared within 20 days after the examination. Result preparation is done computerized.

- Some UTD's have adopted practices like peer evaluation, open book examination system, MCQ based test, Assignments etc.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop:	153	85	77

2.10 Average percentage of attendance of students	80 %

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
M.Sc. (Biochem)	11	18.2	27.3	54.5	0.0	100
M.Sc. Biotechnology	12	91.6	8.4	0.0	0.0	100
M.Sc. Bioinformatics	14	28.0	72	0.0	0.0	100
M.Sc. Genetic Engineering	06	16.6	83.4	0.0	0.0	100
M.Sc. Mathematics	39	25.5	38.3	28.2	0.0	92
M.Phil. Mathematics	06	33.33	66.67	0.0	0.0	100
B.Ed	102	46	48	4.0	0.0	98
M.Ed	08	12.50	75.00	12.5	0.0	100
M.Sc. Chemistry	24	12.50	41.6	45.8	--	100
B.Pharm (1st Sem)	48	0.0	45.83	0.0	0.0	45.83
B.Pharm (2nd Sem)	48	47.9	27.1	2.1	0.0	77.1
B.Pharm (3rd Sem)	44	0.0	77.27	0.0	0.0	77.27
B.Pharm (4th Sem)	44	0.0	95.45	4.55	0.0	100.00
B.Pharm (5th Sem)	60	0.0	81.67	1.66	0.0	83.33
B.Pharm (6th Sem)	60	33.33	60	6.67	0.0	100.00
B.Pharm (7th Sem)	60	0.0	81.66	16.67	0.0	98.33
B.Pharm (8th Sem)	60	6.67	80	13.33	0.0	100.00
M.Pharm (1st Sem)	06	0	83.33	0.0	0.0	83.33
M.Pharm (2nd Sem)	06	0	83.33	16.67	0.0	100.00
M.Pharm (3rd Sem)	08	0	100	0.0	0.0	100.00
M.Tech (Embedded system)	14	43	57	0.0	0.0	100
M.Tech (Spatial information)	14	29	64	07	0.0	100
M.Tech (Mobile computing)	15	25	75	0.0	0.0	100
M.Sc. (Electronics)	03	67	0.0	33	0.0	100
M.Sc. (Communication)	05	20	40	40	0.0	100
MBA (Commerce)(FT) 2 years	38	42	50	08	0.0	100
MBA (Commerce)(FT) 5 years X	26	12	65	23	0.0	100
MBA (Commerce)(FT) 5 years VI	47	32	53	15	0.0	100
M.Com. (Commerce)(AFC)	14	50	36	14	0.0	100

B.Com. (Commerce)(ATM)	62	35	53	12	0.0	100
B.P.Ed.	91	0.0	67.03	16.4	0.0	83.43
M.Sc. PHYSICS	48	10	70	20	0.0	100
M.Phil. PHYSICS	08	60	40	0	0.0	100
M.Tech. LASER	13	38	62	0	0.0	100
M.Tech-III (SEES)	17	29.40	52.96	17.64	0.0	100
M.Tech - I (SEES)	09	0.0	44.44	55.56	0.0	100
M.Tech 2017 (SEES)	09	11.11	77.77	11.11	0.0	100
M.Tech IV 2017 (SEES)	17	47.05	52.94	0	0.0	100
M.Sc. LIFE SCIENCES 2016	16	12.5	62.5	25	0.0	100
M.Sc. IND.MICRO 2016	18	27.78	38.89	11.11	0.0	77.78
M.Tech (Instrumentation)	14	7.14	78.57	14.29	0.0	100
BCA	64	28	40	12.5	0.0	80.5
MCA	54	18	68	14	0.0	100
MCA Lateral	10	60	30	10	0.0	100
M.Tech. (CSIT)	52	46	54	0.0	0.0	100
M.Sc. CS/IT	44	19	41	32	0.0	92
MBA (CM)	06	0.0	33	67	0.0	100
M.SC. STATISTICS (PRE)	16	37.5	31.25	31.25	0.0	100
M.Sc. STATISTICS (FINAL)	19	36.85	15.79	26.31	0.0	78.95
BE-Comp. Engg	117	41.03	49.57	9.4	0.0	100
BE-IT Engg	112	42.86	53.57	3.57	0.0	100
BE-Elex. &Telecomm. Engg	108	25.93	38.89	35.18	0.0	100
BE-Elex. & Instru. Engg	40	17.5	52.5	30	0.0	100
BE-Mech. Engg	72	18.06	61.11	20.83	0.0	83
BE-Civil Engg	54	38.89	18.15	12.96	0.0	70
MA Economics	14	28.57	42.86	0.0	0.0	71.43
MBA(BE)	51	9.8	51.44	11.76	0.0	73
MBA(IB)	48	8.33	37.47	12.5	0.0	58.3
MBA(FS)	41	14.63	44.3	17.07	0.0	76
MAMC	60	6.67	81.66	3.33	0.0	91.66
BAMC	190	8.95	79.94	11.11	0.0	100
BJ	04	0.0	50.0	0.0	0.0	50

M.S.W. I	17	23.5	64.7	11.8	0.0	76.5
M.S.W. II	17	35.2	58.8	15.9	0.0	64.7
MSW III	27	11	66.7	11	0.0	77.7
M.S.W. IV	27	11	66.7	11	0.0	77.7
M.Phil (Sociology) III Sem	05	80	20	0.0	0.0	100
M.Phil (Political Sci.) III Sem	11	72.8	9.1	9.1	0.0	91
M.Phil (Home Sc.) III Sem	06	0.0	66.7	33.3	0.0	100
M.Phil (Social Work) III Sem	08	25	75	0.0	0.0	75
M.Phil (History) III Sem	09	66.7	33.3	0.0	0.0	33.3
Diploma in interior design	23	26.08	21.74	26.08	13.04	86.94
B.Voc in interior design	119	0.0	9.24	18.49	27.73	55.46
B.Voc in fashion technology	27	3.7	33.33	33.33	18.52	88.88
MBA(full time)	118	5.08	51.69	16.10	0.0	72.87
MBA(FA)	123	12.19	53.66	8.13	0.0	73.98
MBA(MM)	119	3.36	54.6	9.24	0.0	67.2
MBA(HA) 2 YEARS	42	83.33	11.90	4.76	0.0	100
MBA (e-COM.)2 YEARS	57	24.56	45.61	29.82	0.0	100
MBA(HA)INTEGRATED	53	84.90	11.32	3.77	0.0	100
MBA(e-COM.) INTEGRATED	12	58.33	33.33	0	0.0	91.66
MBA(HR)	112	18.75	58.04	10.71	0.0	87.5
MBA(DM)	14	50	42.85	7.14	0.0	100
BBA (E-commerce)	53	20.75	54.72	24.52	0.0	100
BBA(HA)	52	38.46	33.85	27.69	0.0	100
MBA(MS) 5Yrs II Sem	116	25.46	33.84	27.69	-	100
MBA(MS) 5Yrs IV Sem	119	17.6	41.3	41.1	0.0	100
MBA(MS) 5Yrs VI Sem	113	15.9	39	45.1	0.0	100
MBA(MS) 5Yrs VIII Sem	68	7.3	57.41	35.29	0.0	100
MBA(MS) 5Yrs X Sem	54	1.8	52	46.2	0.0	100
MBA(MS) 2Yrs II Sem	60	13.3	60	26.7	0.0	100
MBA(MS) 2Yrs IV Sem	57	20	53.7	26.3	0.0	100
MBA(APR) II Sem	41	21.9	61.1	17	0.0	97.56
MBA(APR) IV Sem	37	32.4	64.9	2.7	0.0	100
MBA(TA) II Sem	34	8.8	55.8	35.4	0.0	100

MBA(TA) IV Sem	33	9	66.7	24.3	0.0	100
B.Com (Hons.) II Sem	62	29	32.40	37	0.0	98.40
B.Com (Hons.) IVSem	56	17.8	43	39.2	0.0	100
B.Com (Hons.) VI Sem	57	7	49.1	43.9	0.0	100
MCA IV Sem	87	22.9	34.5	40.3	0.0	97.7
MCA VI Sem	86	15.1	47.7	37.2	0.0	100
MCA VIII Sem	61	21.3	45.9	32.8	0.0	100
MCA X Sem	38	21	44.8	34.2	0.0	100
MCA XII Sem	53	22.6	56.6	20.8	0.0	100
M.Tech. IV Sem	34	38.2	32.3	29.5	0.0	100
M.Tech. VI Sem	39	25.7	51.3	23	0.0	100
M.Tech. VIII Sem	33	36.3	42.4	21.3	0.0	100
M.Tech. X Sem	37	37.8	37.8	24.4	0.0	100
B.Sc (EM)	33	8.33	63.6	6	0.0	77.93
M.Sc (EM)	06	17	50	33	0.0	100
MBA (EM)	41	2.5	73	17	0.0	92.7
M.A Yoga	23	26	65	9	0.0	100
P.G Diploma in Yoga	72	19	62.5	18.5	0.0	100
B.L. I.Sc	11	50	25	16	0.0	86
M.L. I.Sc.	15	62	23	0.0	0.0	85
M.Phil.	05	24	76	0.0	0.0	100
M.Tech. (FSP)	05	0.0	5	0.0	0.0	100
M.Tech. (SM)	02	0.0	2	0.0	0.0	100
B.A.LLB.	271	23.62	40.59	31.73	0.0	98.52
LLM.	47	14.89	78.72	0.0	0.0	97.87
M.Phil. Hindi	06	6	-	-	-	100
M.Phil. English	12	12	-	-	-	100
M.Phil. Urdu	07	7	-	-	-	100
M.Phil. Sanskrit	01	1	-	-	-	100
PG Hindi	02	2	-	-	-	100
PG Jyotish - Sanskrit	03	3	-	-	-	100

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- The IQAC meetings regularly take into cognizance the academics, examinations, teaching work being carried out in the departments.
- IQAC conducts Student feedback on teaching and learning, followed by its analysis and communication action taken report to the concerned faculty.
- IQAC encourage teachers to participate in conferences /seminar to enhance their knowledge.
- IQAC monitors internal test and examination results of students. Extra/remedial classes are conducted for slow learners.
- IQAC encourage students to participate and organise technical events.
- IQAC organise expert lectures /workshops for teachers and students for quality education and learning system.

2.13 Initiatives undertaken towards faculty development

- In house Human Resource Development Centre (HRDC) is conducting Orientation, Refresher, summer, winter and short term courses for the Faculty empowerment.
- Faculties of most of the UTD's participation in Orientation, Refresher, summer, winter and short term courses on regular basis.

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	92
UGC – Faculty Improvement Programme	01
HRD programmes	04
Orientation programmes	61
Faculty exchange programme	00
Staff training conducted by the university	01
Staff training conducted by other institutions	00
Summer / Winter schools, Workshops, etc.	51
Others	135

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	130	96	1	116
Technical Staff	74	47	4	37

CRITERION – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- In order to sensitize the excellence in research and maintain a research environment of intellectual integrity, as well as a scholarly scientific rigour, IQAC encourages to follow code of research ethics

- Most of the UTDs are having good infrastructural facilities to conduct research work.

- Departments have adequate research facilities in terms of sophisticated instruments, ICT devices, library etc. to perform quality work.

- Faculty and students are encouraged to publish their research work in journals of national and international repute, to publish books and book chapters.

- IQAC encourages the faculty to participate in local, national and international conferences/seminars/ workshops.

- IQAC conducts workshop for faculties and students on research methodology.

- IQAC conducted lectures of eminent scientist and researchers to create research environment. Many departments holds national and international seminars with the support of IQAC

- Many UTD's have Collaborations with the national and International institutes.

- Some of the departments have signed MoUs with organizations and industries ca., Institute of Engineering & Technology has signed MOU's with RRCAT to research linkages.

- HRDC has been organizing many short term programs to sensitize the participants towards inculcating research temperament. In this regard three short term programs were conducted for the teachers' viz. "How to develop research proposal", How to write research paper and publish them" and "Use of SPSS for data analysis and data interpretation".

- Seed money for research has been provided to young faculty members.

- University has provided Golden Jubilee fellowships to some selected students for pursuing research.

- Ph.D. students are encouraged to participate in International and national conferences/ workshops and SERB schools.

- Collaborations have been developed with the leading national and International research institutes and universities.

- Guest Lectures/Invited talks were delivered from eminent persons of national and International repute and leading organizations of the country.

- Research Policy is instituted to enhance the quality of research.

- Active researcher faculty is motivated by honouring/ felicitating them through a Research Award on 26th Jan every year.

- Multi-disciplinary research among the different schools is encouraged.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	09	32	01	03
Outlay in Rs. Lakh	104.37	1171.65	262.80	13.50

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	08	02	01	0
Outlay in Rs. Lakhs	17.14	0.00	28.7662	0.00

3.4 Details on research publications

	International	National	Others
Peer Review Journals	296	70	0
Non-Peer Review Journals	39	48	0
e-Journals	14	2	0
Conference proceedings	49	14	1

3.5 Details on Impact factor of publications

Range	0-11.471
Average	--
h-index	8
Nos. in web science	92

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (in Lakh)	Received (in Lakh)
Major projects	2/3/5 Years (As per the norms of funding agencies)	UGC, UGC-DAE, UGC-SPA, UGC-SAP, DRDO, MHRD, MNRE, DST, SERB, M.P. BIOTECH COUNCIL	370.25	106.01
Minor Projects		UGC, UGC-DAE-CSR, DST, DRDO, MPCST, State Planning Chair on Microeconomic governance, SEED MONEY	254.16	177.70
Interdisciplinary Projects	2015-20	DST	28.88	29.08
Industry sponsored	2015-17	00	00	00
Projects sponsored by the University/ College	2014-17	UGC, DAVV	12.65	12.00
Students research projects *(other than compulsory by the University)*	-	-	-	-
Any other(Specify)	2014-17	DIETY, UGC, MHRD, Golden Jubilee Fellowship By Univ.	59.15	53.15
Total	**--**	**--**	**470.93**	**377.94**

3.7 No. of books published

i) With ISBN No	13
ii) Without ISBN No	00
Chapters in Edited Books	35

3.8 No. of University Departments receiving funds from

UGC-SAP	07
CAS	00
DST-FIST	01
DPE	00
DBT Scheme/funds	01

3.9 For colleges

Autonomy	Not Applicable	INSPIRE	Not Applicable
CPE	Not Applicable	CE	Not Applicable
DBT Star Scheme	Not Applicable	Any Other (specify)	Not Applicable

3.10 Revenue generated through consultancy in Lakh	191.91185

3.11 No. of conferences   organized by the   Institution

Level	International	National	State	University	College
Number	3	9	1	2	3
Sponsoring agencies	0	1	0	0	0

3.12 No. of faculty served as experts, chairpersons or resource persons	79

3.13 No. of collaborations	International	National	Any other
	18	34	03

3.14 No. of linkages created during this year	12

3.15 Total budget for research for current year in Lakh	From Funding agency	From Management of University/College	Total
	2.75.386	58.647	180.393

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	00
	Granted	00
International	Applied	00
	Granted	00
Commercialised	Applied	00
	Granted	00

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
22	03	09	03	13	0	0

3.18 No. of faculty from the Institution	who are Ph. D. Guides	and students registered under them
	115	517
3.19 No. of Ph.D. awarded by faculty from the Institution	113	

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF	SRF	Project Fellows	Any other
30	17	24	25

3.21 No. of students Participated in NSS events:

University level	State level	National level	International level
3085	03	13	00

3.22 No. of students participated in NCC events:

University level	State level	National level	International level
100	00	00	00

3.23 No. of Awards won in NSS:

University level	State level	National level	International level
01	00	00	00

3.24 No. of Awards won in NCC:

University level	State level	National level	International level
00	00	01	00

3.25 No. of Extension activities organized

University forum	College forum	NCC	NSS	Any other
35	33	00	87	119

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Faculty and Students supported the following social activities:

- World Ocean Day
- Plantation Day
- Campus cleanliness drive and Cleanliness Day (2nd October)
- Blood Donation Camp
- Poster March for Environmental Awareness
- Environmental Quiz
- NSS Camp for plantation and Plantation drive to make green campus
- Nukkad Natak on National Integration Theme

- Production of e-contents and MOOCs program.

- Energy Audit of different Hostels and Departments by students under the guidance of faculty

- NSS-Unit conducted the Swachhata-Abhiyaan activity.

- A Pledge taking Ceremony on "Sadbhavna Diwas".

- Various lecture on different social issues.

- Legal aid camps

- Inter school sports activities were organized

- Moot court team participated in various Moot court competitions at National Level.

- Clean and Green Campus on every Thursday

- Intramural Programme, Interclass and Intercollegiate competitions, Educational Tour, Leadership Training Camps are regularly organized.

- Most of the students participate in Inter University Competitions in different games and sports.

- Students regularly going to officiate various tournaments organized by different schools and colleges.

- Students regularly participated in Shramdan on Playfields.

- Teachers are actively involved in organizing Interdepartmental games conducted by UTD every year.

- Work for street children, Women empowerment and awareness programme, programme for orphanage, investors' awareness programme, Tuberculosis awareness programme.

- Cultural activities and competitions are organized within the UTD schools and institutes as well as inter-college competitions. AIU directed Youth festival is also hosted by the University.

- YUVA SANSAD is also conducted.

- SPIC MACAY programs are organized.

CRITERION – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Devi Ahilya University functions from its two campuses, namely: Nalanda and Takshshila. University administrative office is located at Nalanda Campus, RNT Marg spread over to an area of approximately 42046 m^2 (10.39 Acres). The details of teaching departments (UTDs) at Takshshila campus are as follows:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area (In Sq. Mt.)	923419	--	--	--
Class rooms (In Numbers)	207	--	--	--
Laboratories (In Numbers)	150	--	--	--
Seminar Halls (In Numbers)	26	--	--	--
No. of important equipments purchased (≥ 1-0 Lakh) during the current year.	269	98	--	367
Value of the equipment purchased during the year (Rs. in Lakhs)	244.30034	210.15134	--	454.45168
Others	813.0	09	--	3.495

4.2 Computerization of administration and library

- All departments and library are fully computerized.

- Administrative officers/staff are computer friendly and they are accessing the ICT devices in their routine working. The administrative office includes Inquiry, Reception area, Office area and Record keeping room, various sections etc.

- University has an Examination control room and Result section which facilitates record keeping of various examination's details and mark-sheets of students.

- Library equipped with internet and computer facility

- Department is having Wi-Fi facility in main building where students can access Internet from classrooms and library. Wi-Fi facility is also available in staffroom, office and examination room.

- Online database management systems are working

- Library is being computerized by using the common software TLSS for library database online accessing of e-journals.

4.3   Library services:

	Existing		Newly added		Total	
	No.	Value (Lakh)	No.	Value (Lakh)	No.	Value (Lakh)
Text Books	192293	335.155	7569	50.9860	199862	394.387
Reference Books	26883	45.740	1293	3.56127	28176	47.858
e-Books	105	0.0545	0	0	105	0.0545
Journals	1448	13.169	0	0	1448	13.169
e-Journals	9159	0.0	01	.907872	9160	0.54
Digital Database	28	00	01	1.56373	29	0.93
CD & Video	3131	0.29725	73	00	3258	0.21725
Others (specify)	1051	1.42	66	00	1117	1.42

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Deptts	Others
Existing	2173	217	Yes	08	10	101	44	21
Added	196	10	Yes	00	00	02	07	04
Total	2369	227	Yes	08	10	103	51	25

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- University has a dedicated IT-centre, which provides internet to the Department through cable as well as Wi-Fi.

- IT Centre & Computer Centre of the University provides support to all the departments of the University. IT centre also takes care of Wi-Fi facilities of the university teaching departments and administrative block.

- Internet Access is available to all the teachers, staff and students. The entire campus has been made Wi-Fi enabled so that students can access online resources 24X7 without having barriers of being in laboratories.

- EMRC yearly conducts SPSS workshop for the student and faculty up- gradation.

- School of Languages sends its students to Web Dunia and several other media and allied establishments to enable them to become familiar with the varied features of translation and other language oriented activities that may become creative occupation besides sources of livelihood in the modern era of globalization.

- Internet, Wi-Fi, Multimedia projection systems are used in all class rooms. Power point Presentations are available on the web site, which helped faculty to communicate the subject objectives and planning to students.

4.6 Amount spent on maintenance in Lakh:

i) ICT	207.89700000
ii) Campus Infrastructure and facilities	1893.9796370
iii) Equipments	533.09520427
iv) Others	614.94337442
Total	**3249.91520156**

CRITERION – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- The IQAC prepares its academic calendar in advance vis-a-vis create awareness among the students about available support services.

- IQAC is responsible for ensuring quality in all academic activities which leads to the overall development of the institution.

- The administrative and academic functions are stream-lined with the help of various committees of IQAC

- The Departments encourage participatory approach to translate quality to the functioning of its various administrative and academic units.

- Research Mentors facilitate Major Research Projects (MRP) through well designed procedures to ensure skill match.

- Students are provided motivation and career counselling through mentors/ teachers and placement officer.

- Various academic activities like Group discussions, role playing, quizzes, intra-courses competitions are held.

- Different clubs of students are formed to organize educative, current issues based and thought provoking activities regularly. Intra-club competitions are also promoted for healthy competitions among students.

5.2 Efforts made by the institution for tracking the progression

- Academic mentoring is implemented in many departments in formal as well as informal mode. Students have the liberty to approach the teachers in their respective rooms or even in corridors. Students are encouraged to formulate their road-maps for academic growth.

- Students progression is analysed from first internal to the final end semester examination, Comprehensive viva-voce, Minor Test, Assignments, seminars and Mentoring.

- Innovations in School of Languages include innovative practices like testing verbal communication skills of students, guiding them about ways and means to establish command over language and acquire the ability of convincing people through effective communication.

- Accessibility of all the faculties during all working hours. Also in case of any emergency or immediate guidance students are 24 X7 free to get any guidance.

- Mentors were allocated to all the students for their academic, social, career and other guidance.

- Continuous Evaluation System is in Operation. Faculty members provide assistance to the slow learners.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
4385	4847	2232	200

(b) No. of students outside the state	485
(c) No. of international students	00

Men		Women	
No	%	No	%
--	--	--	--

Last Year						This Year					
GN	SC	ST	OBC	Physically Challenged	Total	GN	SC	ST	OBC	Physically Challenged	Total
2706	482	339	1010	08	4545	2559	1024	843	2131	09	4270

Demand ratio: Admissions are made through Common Entrance Test (CET), State Entrance Test, IIT-JEE, and other Combined Entrance Test for the different courses of the University.

Dropout %: 3 - 5 %

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Value addition classes are scheduled for competitive examinations.
- UTDs organize seminars, workshops and personality development programs from time to time.
- Special training sessions are organized for preparation of group discussion and interviews.
- Competitive exams books are available for students in library.
- Special classes are arranged for enhancing aptitude, reasoning and communication skills of the students.
- Class room guidance is given to the students for various competitive examinations such as GATE, NET, SLET, UPSC and state civil services etc.
- University minority cell arranges the coaching classes for competitive Examinations.

No. of students beneficiaries:	480

5.5 No. of students qualified in these examinations

NET	SET/ SLET	GATE	CAT	IAS/ IPS etc	State PSC	SC	Others
231	59	126	02	00	30	01	23

5.6 Details of student counselling and career guidance

- University recognizes the fact that higher education in 20th century was process-oriented whereas that in 21st century is result-oriented. Accordingly, measures are taken to familiarize the students with contemporary requirements and appropriate nurturing activities oriented towards career counselling; soft-skill development and career path identification are organized from time to time.

- All the students are assigned faculty mentors, who regularly support the students in their career counselling as well as their personal growth and motivation.

- Career counselling classes are conducted for students to upgrade their language skills, confidence level, stage fear, mass appearance etc.

- Student presentations are conducted in each course for concept presentation ability, handling queries, conflict management, realization of self worth, confidence generation etc.

- Remedial classes are conducted for weak students in required subjects.

- Psychoanalysis is conducted to analyze their weakness and strengths to promote their strengths.

No. of students benefitted	1874

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
198	1902	1064	204

5.8 Details of gender sensitization programmes

- During social counselling, it is a common practice to spread awareness among students to be respectful for women and also promotion of their empowerment.

- Gender sensitization programme conducted during the orientation session by the University.

- Regular counselling, feedback system, motivation and interaction with students are done by teachers on regular basis.

- Some departments have active Women Cell which caters the needs of girls.

- University conducts Gender Sensitization Session with the students.

5.9 Students Activities

5.9.1   No. of students participated in

	State/ University level	**National level**	**International level**
Sports, Games and other events	471	70	70
cultural events	475	55	00

5.9.2   No. of medals /awards won by students in Sports, Games and other events

	State/ University level	**National level**	**International level**
Sports:	71	00	00
Cultural:	30	04	00

5.10 Scholarships and Financial Support

	Number of students	Amount (Rs. in Lakhs)
Financial support from institution	92	1.86
Financial support from government	1006	264.9039
Financial support from other sources	71	44.496
Number of students who received International/ National recognitions	01	00

5.11   Student organised / initiatives

	State/ University level	**National level**	**International level**
Fairs:	05	00	00
Exhibition:	09	00	00

5.12 No. of social initiatives undertaken by the students	37

5.13 Major grievances of students (if any) redressed:	Students grievances cell are active in the University. No major grievances are reported

CRITERION – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

"Emerge as a premier higher learning institution by creating, advancing and disseminating knowledge with collective wisdom, through value imbued holistic education for peaceful, sustainable and humane society."

Mission:

- **"**Educating and empowering the learners to realize their potential through righteous blending of knowledge, skills, and values for serving the society"
- The University strives to realize its vision and mission by:
- Facilitating learner centric multidisciplinary course curriculum, pedagogy and resources through technology enabled joyful and diverse learning environment.
- Achieving excellence for world class competencies in teaching, research and extension.
- Promoting multidisciplinary research and scholarship.
- Providing demand driven educational programmes for enhancing skills and employability.
- Emphasizing value guided competencies among learners for developing socially responsible professionals and leaders.
- Evolving educational processes to ensure balance between head, heart and hand for holistic personality development.
- Exploring global opportunities for stakeholders through international collaboration.
- Nurturing a culture of pride, ownership and belongingness for attracting and retaining human resources.
- Promoting autonomy with accountability through participatory, transparent and value-based governance.
- Adapting environment friendly and energy efficient best practices for sustainable development.
- Addressing issues and priorities for empowering local community with a global perspective.

6.2 Does the Institution has a management Information System

Most of the MIS work has been outsourced to the MP-Online, an e-governance cell of state government of MP. Many departments have their own EDP sections to cater to their departmental needs through customized MIS.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- All departments have autonomy with respect to the Curriculum designing, transaction and evaluation.

- All departments have been vested power to design, develop and modify the course content, addition/deletion of courses. This is done through a departmental committee meeting- wherein a curriculum of all the courses are discussed at length- followed by peer review by experts and other stakeholders before finalizing syllabi for a particular course.

- Choice based credit system is introduced. Grade-Credit System is followed

- The curriculum design is governed by the UGC handbook in many courses.

- Feedback from stakeholders is taken into account while Curriculum Development for new session. In the process of curriculum development, recommendations of various experts from the academics and corporate sector, student and alumni are taken into consideration.

- Some department conduct syllabus review workshops for updating syllabus as per the demand of the academic and industrial environment time to time.

6.3.2 Teaching and Learning

- Multimedia projectors and other ICT facilities are used for imparting knowledge.

- Lectures are supplemented by assignments, class seminars and practical, Case Study, Site Visit, Live Projects, Group Activities, and Quiz etc.

- Training programs and workshops in the area of personality development, career advancements are regularly conducted.

- Students' are given feedback on their performance and answer sheets are shown to them

- Innovative evaluation practices are undertaken by considering the classroom presentations, lectures etc.

- Major Research Project is a compulsory 4 credit course in each of the PG course in the institute. The students are assigned mentors for MRP through a well-laid procedure. There has been an observed increase in the analytical skills of the students and their inclination to research.

- Various workshops are organized time to time for enhancing the skills of students.

- Faculty provides links of e-books, video links in their respective subjects to the students, as additional resource materials to students.

- Overall Knowledge was also assesses by external expert and teachers in comprehensive viva voce examination.

- Creation of learning environment in classes which includes critical thinking, case analysis and creativity.

- Remedial classes are given to slow learners. The weak students are identified after each class tests and the extra classes are arranged for slow learners.

- The academic calendar of the university and course plan includes schedule of orientation, induction, orientation, remedial, advanced learner classes, cultural and sports activities.

- Final outcome has been assessed on the basis of regular minor, seminars, group discussion, assignments etc.

- Feedback form with ten important aspects of teaching and teacher is circulated to students at the end of each semester. Feedback data is analyzed in percentage by assigning the numbers to each activity.

- An Orientation program is organized for fresher students every year before commencement of classes.

- Motivation lectures are organized regularly for fresher students. Annual cultural fest and sports fest and other co curricular activities are organized as per the declared schedule in academic calendar.

6.3.3   Examination and Evaluation

- Examination and Evaluation is practiced according to ordinance 31.

- The mid-term tests and end semester examination are conducted as per semester schedule. Three Internal Tests and one External Examination are conducted in each semester. In addition to the theory examination, evaluation of students is done through rigorous comprehensive viva voce at the end of semester examination.

- Evaluation schedule is given to the teachers to complete their evaluation work well in time.

- CBCS based Semester system is followed in its true spirit.

- Transparent evaluation is ensured by compulsory display of Internal and Semester examination answer script to the students by the Faculty.

6.3.4   Research and Development

- Faculty members are actively involved in research. Many of them have received the grants from different funding agencies.

- University has constituted task force for Fostering Excellence in Research which take care of departments and also conduct research audit.

- International Collaborations are developed by some faculty members for research and developments in different disciplines.

- Schools/Institutes/Centers received funds from various funding agencies like UGC-DRS and DST, MNRE for carrying out the research activities in different fields of science and technology, education and social sciences. The 07 Schools/Institutes/Centers of University are UGC-SAP supported.

- Research work of many faculty members is highly acclaimed. They are publishing papers in reputed national and international journals of high impact factors.

- The Schools/Institutes/Centers organizes national/international conferences, seminars and workshops for teachers and students.

- Research laboratories are well equipped with adequate research facilities, modern instruments and equipments.

- Faculty members are given incentives for membership of professional bodies.

- Industry-institute linkage has also been developed by some of the departments and individual faculty members

- Faculty members had regularly attended and actively participated in International conferences, symposia, and seminars.

6.3.5   Library, ICT and physical infrastructure / instrumentation

- University take initiatives in regular manner to improve physical infrastructure and to purchase various sophisticated instruments to upgrade the research quality.

- Procurement of new books, Journals & online study material for students and researchers in the central/departmental library is the common practice in the university.

- Students use various database, online tools and videos for their practical and research.

- All classrooms of University are equipped with LCD Projectors and Internet connection, LAN facility, Antivirus and Internet connections are provided through LAN and Wi- Fi.

- All the labs and classes are ICT-enabled with internet connectivity.

- Facilities available at UGC-DAE CSR/ RRCAT are explored quite often for the research work. Many faculty members of the university have used National Synchrotron Radiation Facility (INDUS-I, II) and Inter-University Accelerator Centre, New Delhi.

- University has good ICT infrastructure, Wi-Fi campus, very good auditorium and Sports fields.

- University is availing the National Knowledge Network connectivity through Internet network by IT center in the class rooms.

- Many proprietary software: MATLAB, LabVIEW, Geomatica, Ars GIS, Keil for 8051, Kiel for ARM Microcontrollers, Tanner Tools, Python are being used in different departments

6.3.6   Human Resource Management

- Human resource of the Schools/Institute/Centers such as faculty and students are encouraged to take up newer academic projects.

- Schools/Institute/Centers trained the staff and students in such a manner that everyone can contribute as per their interest and expertise.

- Faculty members cooperate with the university in formulating relevant policies and evolving the execution pathways for emerging situations.

- For smooth functioning of the Schools/Institute/Centers with maximum utilization of human resources, committees are constituted for different working domains comprising of teaching and non-teaching staff.

- Head/Director monitors the functioning of each committee regularly whereas the Incharge of committee coordinates with Head/Director for final decision making.

6.3.7 Faculty and Staff recruitment

University follows the UGC/AICTE guidelines and State Govt. norms in the recruitment and promotion of Faculty members and the staff members. University Act, Statute are amended for this purpose as per the directions received by the UGC and State Government.

6.3.8 Industry Interaction / Collaboration

- The University has good interactions/ Collaboration/linkages with different industries.

- UTDs organize industrial visits of students.

- UTDs invite industrialist and academicians for guest lecturers with a view to have their interaction with students.

- Students undertake industrial projects training/internship in different institutions of national importance/Research labs / industries as a part of their curriculum.

- Faculty members are in touch with industry experts and receive useful feedback from the various experts.

- Industry experts from organizations are invited to conduct workshop, Hands-on training to the students and young faculty researchers

6.3.9 Admission of Students

- Admission in most of the University teaching departments (UTDs) are made through National level Common Entrance Test (CET) conducted by University in various cities of the country.

- The admissions to the engineering courses running at IET are made through state govt. on the basis of IIT-JEE Mains merit list.

- School of Biotechnology admits the students through Combined Entrance Examination in Biotechnology (C.E.E.B.) conducted by the Jawaharlal Nehru University, New Delhi at all India level.

- Other departments conduct their own entrance test followed by interview/counselling for the admission in their respective courses.

- University conducts M.Phil. and Ph. D entrance test for admissions in different disciplines of Schools/Institute/Centers of the University.

6.4   Welfare schemes for

University ensures the steps to improve staff well-being satisfaction and motivation for teaching and non-teaching staff. Summary of the welfare schemes and facilities are as below-

Teaching

- Study Leave, Casual Leave, Special casual Leave, Travel grants, Medical leave, Sabbatical leave, CCL as per University Ordinance, GIS schemes, Medical allowance and conveyance allowance
- Centralized facilities like Health Centre, Library, Sports grounds, Shishu Vihar (Day Care Centre), University Quarters etc.
- Reservation of seats for admission of their wards in University Teaching Departments.

Non-teaching

- Casual Leave, Medical leave, Earned leave, CCL
- Centralized facilities like Health Centre, Library, Sports grounds, Shishu Vihar (Day Care Centre), University Quarters etc.
- Reservation of seats for admission of their wards into various courses running at University Teaching Departments, houses for staff in campus.

Students

- Provision of scholarship to the students of SC/ST/OBC as per Central/state govt. rules
- Facility of scholarships to the students from minority community.
- Women students can avail of babysitting services at Day Care Centre run by the University.
- The inclusive education cell has been constituted at institutional level to chalk out and monitor policies of inclusion of students.

6.5 Total corpus fund generated	--

6.6 Whether annual financial audit has been done	Yes	No
	✓	--

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	--	Yes	External Experts nominated by the Hon'ble Vice Chancellor
Administrative	No	--	No	--

6.8 Does the University/ Autonomous College declares results within 30 days?

	Yes	No
For UG Programmes	✓	--
For PG Programmes	✓	--

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

The Examination pattern of UTDs is as per the Ordinance 31 of the university which was modified recently. We have the freedom to work independently and practice autonomy. This is manifested as follows:

- Separate entrance examination for admission in various courses

- Autonomy to conduct examination at department level (as per Ordinance no.31)

- Strict adherence to the University rules and regulations (accountability)

- The answer sheets were shown to the students after evaluation and feedback is taken.

- Alternative assessment forms relying on multiple data source like peers and self are used. Diverse assessment practices including open book examination, crib sheet tests, multiple discriminant type tests are adopted in some of the UTDs

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Academic and administrative autonomy is provided to Schools/ Institutions/ Centers as per University Rules and regulations and Ordinances.

6.11 Activities and support from the Alumni Association

- Alumni base of the university is very strong. The Alumni of the University are working in various Government and Non- Government institutions, companies' viz., software & IT industry, pharma sector, electronics, banking, different corporations and legal consultancies in various cities of India.

- Alumni also help by suggesting the academic and administrative improvements during their meets and discussions for the quality improvements in the University.

- Feedback and suggestions of alumni is properly recorded and appropriate measures are taken. The feedback obtained from alumni, helps in sustaining and enhancing quality of teaching and further, utilized for improving the effectiveness of the programs with revision of curriculum.

- Alumni give information about the vacancies for the students and support in the summer training and placements of students in coordination with University placement cell.

- Few departments are having very active online group, where alumni/ student put lot of suggestions and carrier guidance and opportunity for the student.

- With the help of Alumni, University organizes career counselling, soft skill development, career-path-identification, and orientation programmes to well-being for its students.

- All admitted students in various programs of department are registered under Alumni Association.

- Regular interactions of alumni with students are made through internet, WhatsApp groups.

6.12 Activities and support from the Parent – Teacher Association

- Parent Teacher Meetings are organized regularly, where parents get opportunity to interact with mentors, and other faculty members. Various academic decisions, progress of their wards are shared with them.

- Views and opinions of parents are recorded as feedback mechanism. These helps in identifying the students' needs and bridging the gap between students and institution.

- Parents are nominated as the constitutional member in the departmental IQAC.

6.13 Development programmes for support staff

- Supporting staff members are regularly encouraged to attend workshops for knowledge enhancement.

- Staff members are given regular trainings to work on computers, internet access, operation of photocopy machine etc.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Students are encouraged to keep campus green and clean.

- Efforts are made to develop ponds in the campus, maintenance of Garden, Protection of existing trees, Water recharging natural system.

- Plantation activity is a regular feature. Faculty members, students and non-teaching staff participate in plantation activities. To have natural beauty, efforts towards cultivation of horticultural plants were made

- Faculty members monitors the switching - off of the tube lights, fans, computers, when not in use.

- Effort are made to make polythene free campus.

- Popular lectures on environment protection are organized and documentaries for the same have been shown to the students and faculty.

- Planning minor changes in habits of students, for examples, buying organic food, clothing and personal care items.

- Energy Audit of all departments is done by the School faculty and students

- Installation of Photovoltaic power plant to meet the maximum demand of power in one of the departments

- Roof harvesting system based on rock fracturing technique was installed

- Energy and water conservation in building in addition to gardens and plantation.

- Environmental Audit of many departments are conducted as per Green Policy

- Normal bulbs are replaced by LED bulbs for energy efficiency.

- An e-waste disposal mechanism is in place in the university where every UTD gets the e-waste disposed through the university.

- University has drafted a Green calendar for annual functioning. Specified Environmental activities have been assigned to each School of Study under University's Green policy. The university already adopts efforts for Carbon neutrality within Green policy. Moreover, Environmental studies are a part of the curriculum.

- Use of paper cups instead of plastic cups during workshops and seminar is promoted.

- Some of the Departments are installing vermiculture unit to make organic manure and to consume waste of the department in an environmental friendly way.

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Use of e-resources in teaching-learning has created a positive impact on the teaching, learning and evaluation.

- ICT enabled classrooms, Wi-Fi Connectivity in campus, online form submission through MP Online portal.

- The lecture delivery method has been extensively modernized to ICT based systems, which has led to a better content delivery. The reference material is also being provided via the e-medium. Assignments are now accepted via e-mails as well. The building is totally Wi-Fi allowing for better connectivity and smoother information flow.

- Exposure to the students to more sophisticated spectro-analytical devices, Mobile computing, VLSI, electronic devises etc.

- Final year students undergo project training for a period of 2-6 months

- The Industries oriented, co-curricular, extension activities, CBCS and skill oriented programs have been included in the different courses and incorporated in Syllabus.

- Internet network connectivity and Web-based information is made available to Faculty, staff and Students. All the notices are displayed on the website.

- A number of educational film and e-contents are produced by EMRC and these films are available for University Students to provide strong learning resource platform for students.

- ICT and Campus Network have been strengthened.

- Committed sincerity in maintaining the academic schedule.

- Design the Practical to connect with theory, promotion of research, various academic and corporate support activity have been provided.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- Common Entrance Examinations (CET) for admissions in UTDs has been conducted through Online mode

- We strictly maintain the time schedule to run the academic curriculum.

- Developed focus on Computer Skill Development Program, Communication skill, and the language lab for the benefits of students.

- Induction programme was organized in the University Auditorium with a view to welcome all the newly admitted students in the University.

- Students were informed about the facilities in the campus, examination pattern, CBCS, skill oriented courses, Grievance redressal mechanism, various policies framed by the University and other students related informations.

- Planned information flow to all the stakeholders related to the academic and other activities of the University was provided. Time table and scheduling of lectures was followed by the teachers and students.

- Syllabus of most of the course have been updated and revised. Course plan and syllabi of all the courses are uploaded by all the departments on the university website.

- A number of extension activities were organised over the year.

- A number of e-Contents and MOOCs were developed as the online learning resources

- A number of national/International seminars, workshops, conferences were organized by different departments.

- A number of personalities of eminence have visited the University to address the academic fraternity.

- Besides, many UTDs have also organized experts talk in their respective departments.

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

- ICT enabled teaching-learning.
- Eco-friendly practices.

7.4 Contribution to environmental awareness / protection

- Collaborated with Swachh Bharat Mission, National Social Service Program at village, group activities to propagate environmental awareness among society, cleaning drive of the campus, poster march and slogans to create environmental awareness

- Use of public transport/ bicycle on any one day of every week.

- Plantation is done at campus by all the university teaching departments

- Efforts are being made to make plastic free campus

- Schools organized different activities for environment protection and Energy conservation in the University campus in the form of Minor projects of students

- Awareness about the use of LED and CFL lights, Power Factor Controls. These are some of the technologies used to conserve energy in the campus.

- A green campus initiative has been started by the University to create awareness among students and staff about the sustainable use of electricity.

- Internal energy audit and corrective actions in the campus regarding the usage of electricity in various departments.

- Use of renewable energy: department has installed solar water heating systems at hostels in the University.

- Rain Water harvesting: Rain Water Harvesting system has been created in the Campus to recharge the underground water.

- Carbon neutrality: Regular plantation of trees, use of renewable energy, awareness for energy conservation and adoption of energy conservation technologies are some of efforts undertaken.

- Plantation: Departments are set in a green landscaped ambience and every year many trees/flower plants are planted on the teacher's day. The entire campus is covered with many big trees, especially Mango, Neem and Sal trees, vegetation and well manicured gardens and lawns.

- Solid waste management: Proper waste management techniques have been adopted for wastes through vermi-composting and manure is used for gardening

7.5 Whether environmental audit was conducted?	Yes	No
	✓	--

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strengths-

- Premier Institution of higher learning in central India, effectively catering to diversified educational needs of tribal, rural and urban population for past 54 years

- University has its brand image in Madhya Pradesh which is covering very large geographical tribal area of Madhya Pradesh and large number of affiliated colleges (More than 300).

- University has the recognition for being enriched with 07 SAP Programs, 01- CAS, 03-DRS, 02- Centre of Excellence, 01-DBT.

- BIS recognition and NABL Accredited lab for Solar thermal devices center funded by MNRE run from 1992.

- Highly qualified and motivated, internationally and nationally recognized, dedicated and competent faculty members with a strong commitment to research.

- International and National collaborations, applied inter-disciplinary research, and active research groups in domains of different thrust areas.

- High quality education and training for high flying careers to the students with Transparency in examination and evaluation process.

- State of art laboratories with sophisticated equipments meeting the requirement of cutting age research.

- Centralised common library with subscription to e-journal for every students in addition to the departmental library in each department,

- Well managed Information Technology Centre (ITC) with Internet and Wi-Fi facility to provide internet access to all the students, faculty and staff.

- Computers with Internet and Wi-Fi facility to the entire faculty individually.
- State of art auditoriums, Studios, Radio Station, Multicasting and other essential amenities.
- Students placements in National and International Institutions, companies i.e., software & IT industry, automobile industry, Pharmaceutical companies, Electronic sector, Print and Electronic Media Industry etc.
- Proactive Placement Cell and Career Counselling Cell to facilitate appropriate employment. Emphasis on promotion of holistic development of students through co-curricular, extra-curricular, and extension activities.
- Strong Industry Interaction for curriculum updation and Student's Internship and Placement
- Credible approach for opportunity management for students through exhaustive support from Strong Alumni presence in Global and National level, public and private organizations in diverse areas and connected through registered Alumni Association.
- Flexibility to amend curriculum at department level, and examination and evaluation.
- High capabilities of Team work to harness any task assigned or taken by the University and focus on both knowledge acquisition and employment of student.
- Excellent Interaction with rural and urban society, Industries/organisations and national and International Institutes and their faculty and scientists to promote multidisciplinary research and issues related to local community.
- University has adopted Green University Policy and Green Calendar to sustain with environment in an Eco-friendly manner.
- Significant contribution in developing instructional material in terms of educational films, e-contents, and multi-casting for facilitating virtual learning.

Weaknesses -
- Shortage of permanent faculty.
- Inadequate availability of support personnel for office work, technicians and Shortage of Administrative staff.
- Disparity in the intellectual levels of students so that learning group is indeed heterogeneous rather than composite
- Present University and State Govt. rules are out of context and needs to be in line with International practices.

Opportunity
- New International and National level collaborations proposed to be undertaken in near future so as to enhance capacity building in knowledge creation and improve research standards and opportunities to students.
- Research skill and aptitude of the faculty and the students used for new innovations.
- Sandwich Ph.D. programme of various funding agencies will be beneficial to start the consultancy services from Corporate.

- Adjunct Faculty positions of funding agencies like DST can improve teaching standards.
- Participation in Exchange programmes with foreign Universities for students and faculties and International fellowships for the Faculty will enhance research skills further.
- Exploration of avenues for linkage of Science with Technology.
- Optimum use of flexibility approach to explore the unexplored domains so as to upgrade curriculum from time to time according to Industries/organisations need.
- Academic autonomy has capability to be upgraded for the potential of excellence
- To develop strong interface between the institute and industry.
- Establish EMRC as International centre for excellence in electronic media education and Establishing a full facility DTH based educational channel
- Contribution to MOOC programs.

Challenges:
- Mobilization of knowledge creation with knowledge propagation and Inculcating Entrepreneurial skills among student.
- Execution of recruitment plan for the University to maintain student teacher ratio as per norm.
- Student exchange program with foreign University for better understanding of educational, technological and cultural issues.
- University purchase process should be streamlined with no delays.
- Institutional subscription must be there to access National and International research journals.
- To develop Research and educational Laboratories of International standards
- New innovations and adaptability to emerging demands of identified areas.
- Collaboration with International Institutes / Universities/ R&D organizations.
- Harness energy of alumni for their "Time, Talent and Treasure".

8. Plans of institution for next year

* School of Yoga is planning to start Ph.D. in Yoga. General yoga classes for everyone.
* School of Library and Information Science is planning to introduce Ph.D. in Library and Information Science and PG Diploma in LAN.
* School of Social Science is planning to introduce PG Courses from the forthcoming session.
* Start of a new M.B.A. program in Business Analytics in the School of Data Science & Forecasting and offering of both existing M. Tech. Programs with new name and syllabi.
* M. Tech in Energy and Environment would be proposed for approval in coordination committee by the School of Energy & Environmental Studies.
* School of Physical Education is planning to introduce B. P. Ed (Two Years) course and certificate courses in different games and sports, and academic discipline for examples, Psychology, Bio-mechanics and Exercise Physiology.
* School of law is planning to start certificate and diploma courses and MoU(s) with new emerging areas of legal education.
* Skill development certificate courses and workshops are being planned under Department- Industry collaboration for regular and external students of University Teaching Department(s)
* Institute of Management studies is planning to establish entrepreneurship development centre having incubation centre for idea generation, a business clinic for helping organizations, part of movement of management courses and books in Hindi.
* School of Electronics is planning for modernization of laboratories to meet the requirement of broad area of Microelectronics & VLSI Design, Internet of Things, Wireless Communication, Spatial Database, RTOS.
* Escalating ICT infrastructure and Purchase of latest broadcast equipment by Educational Multimedia and research Center (EMRC).
* Upgradation of computer lab, with latest computer, software, upgradation of Computer facilities out of Bioinformatics-sub centre grant, use of virtual laboratory and simulation experiments.
* Encouraging the use of information technology and IT- tools, Development of web based research model, video conferencing and web conferencing as supplementary teaching-learning means.
* To develop prudent approach in the students taking NET/SLET/GATE/GRE and similar quality oriented competitive examinations.
* Students will be encouraged to develop their soft skills and communication skills.
* Faculty participation in Seminars, Conferences and visits will be encouraged
* Organization of Seminars, Conferences and Workshops at State, National and International levels by different departments meeting the current trust area of research.
* Strengthen the placement, guidance, counselling and extension service cells.
* Appointment of regular Qualified and Research Oriented Faculty.

- To strengthen research activities, new research projects will be submitted to various funding agencies.

- MoU to be signed with National/International Institutes/Universities/Research Laboratories/Industries/NGO etc., e.g., the School of Electronics is planning to sign MOU with IIT, Indore. (In past, the School of Electronics has signed MOU with I²IT Pune, RRCAT Indore and CEERI, Pilani which shall help promote vigorous research activities among departmental faculty.)

- Construction of 100 seated Boys Hostel and 250 seated Girls hostel at IET premises.

- Development of new computer center, and construction of new library building at IET.

- Initiation of Students start-ups.

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