

# The Annual Quality Assurance Report (AQAR) of the IQAC

## DEVI AHILYA VISHWAVIDYALAYA

### 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 (O) ; +919425874452(M)

Name of the Head of the Institution:

Dr. Narendra Kumar Dhakad

Tel. No. with STD Code:

+91-0731-2529476

Mobile:

+919826044555

Name of the IQAC Co-ordinator:

Prof. S.P. Singh

Mobile:

+919424009418

IQAC e-mail address:

iqac.sps.davv@gmail.com

1.3 NAAC Track ID

(For ex. MHCOGN 18879)

MPUNGN10011

1.4 Website address:

<http://www.dauniv.ac.in/>

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR201213.doc>

[http://www.iqac.dauniv.ac.in/2015-16\\_AQAR.php](http://www.iqac.dauniv.ac.in/2015-16_AQAR.php)

### 1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	<b>“B”</b>	<b>Four Star</b>	<b>2000</b>	<b>“Five Years”</b>
2	2 <sup>nd</sup> Cycle	<b>“B”</b>	<b>2.57</b>	<b>2008</b>	<b>“Five Years”</b>
3	3 <sup>rd</sup> Cycle	<b>“A”</b>	<b>3.09</b>	<b>2014</b>	<b>“Five Years”</b>

1.6 Date of Establishment of IQAC: DD/MM/YYYY

21-11-2008

1.7 AQAR for the year (for example 2010-11)

2015-16

1.8 Details of the previous year’s AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR \_\_\_\_\_ Feb 2013 June 2013 \_\_\_\_\_ (DD/MM/YYYY)4
- ii. AQAR \_\_\_\_\_ 2013-14 \_\_\_\_\_ (DD/MM/YYYY)
- iii. AQAR \_\_\_\_\_ 2014-15 \_\_\_\_\_ (DD/MM/YYYY)
- iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

### 1.9 Institutional Status

University  State  Central Deemed  Private   
 Affiliated College Yes  No   
 Constituent College Yes  No   
 Autonomous college of UGC Yes  No   
 Regulatory Agency approved Institution Yes  No   
 (eg. AICTE, BCI, MCI, PCI, NCI) - **AICTE, UGC, ICSSRNCTE, MCI, DCI, Bar Council**

**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

### 1.10 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

1.11 Name of the Affiliating University (for the Colleges)

1.12 Special status conferred by Central/ State Government: UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence

UGC-CPE

DST Star Scheme/funds

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (Specify)

UGC-COP Programmes

## 2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and

Community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

02

2.11 No. of meetings with various stakeholders:

No.

00

Faculty

02

Non-Teaching Staff

00

Students

00

Others

00

2.12 Has IQAC received any funding from UGC during the year?

Yes

No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC -

Total Nos.

06

International

2

National

0

State

4

Institution Level

00

(ii) Themes

1. International Conference on “Scenario of Biotechnology in 21<sup>st</sup> Century” , UGC/DST
2. International Conference on Recent Trends in Physics, UGC 12<sup>th</sup> plan
3. State level Two Days Workshop on Science Writing in Hindi

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 at regular intervals.
- Promotion of Research in the department
- Induction and Orientation programs are organized in the beginning of the academic session, and addressed by the Hon'ble Vice Chancellor and invited speakers.
- Motivational and Anti ragging films are also shown to the students.
- Orientation programme is conducted at departmental level for the newly enrolled students.
- Academic Calendar (AC) for teaching, learning and evaluation activities is planned by the University 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
- Executive Council of the University meets almost every month to take decisions on major administrative and financial matters aiming to improve the quality education, infrastructure, research, sports & cultural activities

### 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 new students	Induction programme would be conducted to welcome all the new enrolled students in the department for all the old and New students
University Annual Calendar Preparation including Time Table and Course Plan	Planned information flow for all stakeholders for the academic and other activities of the University. Time table and scheduling of lectures may be provided to students including Syllabus. Syllabus would be also loaded on website.
Regular Meetings of Board of Studies	Revision and Modifications in syllabus of all disciplines would be ensured by holding the regular meetings
Formation of Research Cell	Motivation and Monitoring the Quality Research publications in the university would be assured by Research Cell. A Software would be prepared for the monitoring and helping the faculty and research scholars by sending the related information. The more research projects may be brought by facilitating through the Research Cell by researchers.
Anti Ragging and Other discipliner cells are to be formed	Routinely get together of the students and faculties would be conducted to check about ragging, discipline and any other problems of the students.
Examination conduction	Examinations for both the semesters Odd and Even may be completed before (Dec- 2016 for odd Semesters & May-2017).
Development of MIS based system for IQAC and for all administrative sections of the University.	Efficient and effective functioning of the IQAC and smooth execution of administrative tasks would be carried out to achieve the goals and objectives decided in advance.
Recruitment of the Faculty on vacant Positions	Vacant positions in different Schools/Institutes/canters would be tried to fill to strengthen the academia and research.
Proposal for Change in old Financial Rules	The effective and efficient Financial Management of the University may be done to accelerate the functioning of all types of the support systems.

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

2.15 Whether the AQAR was placed in statutory body

Yes  No

Management  Syndicate  Any other body

Provide the details of the action taken

AQAR submitted for the approval of Statuary body and Approved

Yes, 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
Ph. D.	42	00	00	00
PG ( <i>Including M. Tech. /M.E./ M.Pharm</i> )	70	00	49	00
UG	20	00	18	04
PG Diploma	05	01	06	00
Advanced Diploma	0	00	00	00
Diploma	05	00	05	00
Certificate	05	00	05	00
Others				
<i>M. Phil.</i>	23	00	16	00
<i>Integrated Masters (U.G to P.G)</i>	08	00	08	00
<b>Total</b>	180	01	131	00
Interdisciplinary	00	00	00	00
Innovative	00	00	00	00

1.2 (i) Flexibility of the Curriculum: Choice based credit system is functional as per UGC guidelines. CBCS/Core/Elective option / Open options. **Choice based credit system**

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	Yes ,180 Programmes
Trimester	00
Annual	00

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students   
(On all aspects)

Mode of feedback : Online  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.

- Syllabus of the conducted programs periodically updated in the light of new developments in the different disciplines.
- Ordinance 31 Revised and followed: Examination in UTD

1.5 Any new Department/Centre introduced during the year. If yes, give details. –yes

Shindhi Shood Peath

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
<b>225</b>	115 <b>(11 CAS selection Grade)</b>	40 (6 CAS)	68 (35 CAS)	<b>02</b>

2.2 No. of permanent faculty with Ph.D.

<b>166</b>
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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
145	<b>76</b>	<b>61</b>	<b>53</b>	<b>16</b>	<b>48</b>	<b>02</b>	<b>00</b>	<b>224</b>	<b>177</b>

2.4 No. of Guest and Visiting faculty and Temporary faculty

<b>96</b>
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457
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66
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2.5 Faculty participation in conferences and symposia: 2015 - 16

No. of Faculty	International level	National level	State level
Attended	68	91	31
Presented papers	68	89	12
Resource Persons	14	39	15

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

**The teaching methods opted for various courses of the department are as:-**

- The students are shown the answer books and the questions are discussed in the class. The students have the opportunity to discuss the answers and clear doubts if any, with the Faculty members. Grades are awarded after the answer books are shown to the students.
- All efforts are made to implement suggestions from Faculty members and students for quality improvement.
- Internet facility is available to the Faculty and students .
- Faculty teaches the advanced topics in more details using research articles.
- E-books, technical CD/DVDs and animations are used to teach various topics of Syllabus.
- Case studies , assignment , presentations, group discussions are the part of teaching in most of the Schools/Institutes/Centers.

- The institution engages its students in active learning with the help of URL, Different Modules, PLM, Digitalized Material developed by the Teachers
- ICT enabled classrooms. Schools/Institutes/Centers are encouraged for ICT use enabled teaching and learning pedagogy
- Projection of video lectures, Power Point Presentation ,Group discussion and Tutorials
- More focus towards interactive discussions between student vs teacher
- Lab assignments done by teachers themselves at the beginning of the session
- Seminars, Tutorials, Syllabus based Assignments, laboratory Practical's
- Library equipped with best text /reference books in most of the Schools/Institutes/Centers in addition to central Library.
- WiFi Connectivity in campus.
- Discussions were held after seeing the technical CD/DVDs of the concerned topic/system/process in the class room.
- Board of studies designed and revises the syllabus .Advance topics are being added in our course curriculums. One member of the BOS was taken from the students.
- Students are given the opportunity to plan and preparing budget for the Intramural competition, cultural program, Inter class tournaments etc.
- Evaluation of field work along with theory

2.7 Total No. of actual teaching days during this academic year **195**

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions) **NA**

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop **155** **139** **66**

2.10 Average percentage of attendance of students: **79%**



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. Biochemistry	13	23	62	15	0	100
M.Sc. Biotechnology	12	92	8	0	0	100
M.Sc. Bioinformatics	5	20	80	0	0	100
M.Sc. Genetic Engineering	14	29	71	0	0	100
M.Sc. Chemistry	30	6	60	33	0	99
MBA(FT)2 YRS.	54	39	1	45	15	100
MBA(FT)5 YRS.	16	19	75	6	0	100
M.COM(BM)	8	24	52	24	0	100
M.COM(AFC)	20	32	42	26	0	100
BCA	65	16	40	25	0	100
BCA (Hons.)	2	0	0	100	0	100
MCA	60	6	66	14	0	86
MCA (Int.)	22	1	90	9	0	100
M.Tech.	49	55	41	4	0	100
M.Sc. CS/IT	54	14	65	21	0	100
MBA (CM)	2	0	50	50	0	100
MA(Economics)	9	44	33	22	0	100
MBA(BE)	55	7	55	33	5	100
MBA(IB)	53	18	56	13	12	100
MBA(FS)	46	4	63	23	8	100
M.Phil Economics	0	0	0	0	0	0
B.Ed.	113	67	30	3	0	100
M.Ed.	8	25	63	11	0	100
M.Phil. Education	0	0	0	0	0	0
M.Tech (Embedded Systems)	15	26	35	0	0	97
M.Tech (Spatial Information Tech.)	14	57	43	0	0	100
M.Tech (Mobile Computing Tech.)	19	37	63	0	0	100
M.Sc (Electronics)	5	20	80	0	0	100
M.Sc (Electronics & Comm.)	8	52	48	0	0	100
B.Sc. (EM)	36	8	16	58	22	88
M.Sc. (EM)	12	33	67	0	0	100
MBA (Media Management)	35	23	66	11	0	100
M. Tech (Energy Management)	10	60	30	10	0	100

M. Phil (Environment)	0	0	0	0	0	0
M-Tech(FSP)	14	43	57	0	0	100
M-Tech(SM)	12	25	58	0	0	83
BE-Civil	64	57	40	3	0	100
BE-Comp.	123	39	55	6	0	100
BE-Elect. & Instru.	55	1	53	46	0	100
BE-Elect. & Telecom.	111	25	40	35	0	100
BE-IT	113	37	44	19	0	100
BE-Mechanical	57	37	60	3	0	100
MEFT	16	68	32	0	0	100
MEFT	14	43	57	00	0	100
MEFT	12	34	66	00	0	100
MEFT	16	43	50	07	0	100
MEFT	9	60	40	00	0	100
MEFT	12	80	20	00	0	100
M.Sc. (Applied Mathematics)	11	37	56	7	0	100
MBA (Full Time)	119	26.54	73.45	00	0	94.95
MBA (FA)	127	41.07	58.03	0.01	0	88.18
MBA (MM)	119	16.67	82.45	0.01	0	95.79
MBA (HA) 2yrs.	56	67.27	32.72	00	0	98.21
MBA (e-Com.) 2yrs.	57	50	50	00	0	87.71
MBA (HA) Integrated	51	62.74	37.25	00	0	100
MBA (e-Com.) Integrated	10	75	25	00	0	90
MBA (HR)	58	39.62	49.05	0.01	0	91.37
MBA (DM)	34	13.33	60	13.33	0	88.23
MBA (Executive)	25	----	100	00	0	64
BBA (E-commerce)	52	38.24	50.57	0.02	0	90.38
BBA (HA)	60	33.89	54.23	11.86	0	98.33
MBA (Full Time)	119	26.54	73.45	00	0	94.95
MBA (FA)	127	41.07	58.03	0.01	0	88.18
MBA(MS) 2 yrs	56	14	63	12	0	98
MBA(MS) 5 yrs	72	25	54	22	0	100
MBA(APR) 2 yrs	34	24	54	22	0	100
MBA(T) 2 yrs	32	16	62	22	0	100
B.Com.(Hons) 3Yrs	61	34	39	27	0	100
MCA(6yrs)	53	47	47	6	0	100
M. Tech(5 <sup>1/2</sup> yrs)	37	27	65	8	0	100
M. Tech-Instrumentation	18	35	65	0	0	100
B.A.M.C	200	38	38	24	0	100
M.A.M.C	54	36	36	28	0	100
M. Phil	15	73	27	0	0	100
B.J.	2	100	0	0	0	100
B. A. LL. B.	271	30	41	29	0	100
LL. M.	60	0	81	19	0	100
M. Phil.	9	0	100	0	0	100
B.L.I.Sc	8	50	25	16	0	91

M.L.I.Sc	13	62	23	0	0	85
M.Phil Library Science	22	23	76	0	0	99
Diploma in Interior Design	26	26	46	19	4	100
B.Voc. in Interior Design	65	12	62	15	5	100
B .Voc. in Fashion Technology	10	0	80	10	10	100
M.Sc. Life Sciences	13	31	54	15	0	100
M.Sc.Ind.Microbiology	8	50	50	0	0	100
M.Phil –Life Science	5	0	0	20	0	20
M.A. Language (Hindi,	63	76	15	9	0	100
M.Sc. Mathematics	39	41	46	10	0	97
M.Phil. Mathematics	0	0	0	0	0	0
B.Pharm-I	54	0	56	0	0	56
B.Pharm-II	52	0	60	2	0	62
B.Pharm-III	58	0	81	9	0	90
B.Pharm-IV	58	0	78	5	0	83
B.Pharm-V	59	0	71	9	0	90
B.Pharm-VI	59	0	80	9	0	89
B.Pharm-VII	41	0	61	34	0	95
B.Pharm-VIII	41	3	73	20	0	93
M.Pharm-I	8	0	100	0	0	100
M.Pharm-II	8	0	100	0	0	100
M.Pharm-III	7	0	100	0	0	100
B.P.E.	81	2	73	15	0	90
M.P.Ed.	60	12	83	3	0	98
M.Phil.	9	22	66	11	0	100
M.Sc Physics	49	12	67	21	0	100
M.Phil Physics	10	60	40	0	0	100
M.Tech laser	13	38	62	0	0	100
M.S.W I	25	12	72	16	0	100
M.S.W III	39	5	82	13	0	100
M.S.W IV	39	8	82	10	0	100
M.S.W VI	11	9	91	0	0	100
M.Phil (Sociology) I Sem	5	60	40	0	0	100
M.Phil (Sociology) III Sem	16	69	25	0	0	94
M.Phil (Political Sci.) I Sem	11	0	91	9	0	100
M.Phil (Political Sci.) III Sem	20	95	0	0	0	95

M.Phil(Geography) III Sem	13	69	15	8	0	100
M.Phil (Home Sc.) I Sem	6	0	33	67	0	100
M.Phil (Home Sc.) III Sem	10	10	60	30	0	100
M.Phil (Social Work) I Sem	8	13	87	0	0	100
M.Phil (Social Work) III Sem	18	17	56	17	0	90
M.Phil (History) I Sem	9	0	89	11	0	100
M.Phil (History) III Sem	13	13	0	0	0	100
M.Sc. (Previous) Statistics	29	14	59	31	3	94
M.Sc. (Final) Statistics	20	20	75	1	4	100
M.Phil- Statistics	0	0	0	0	0	0
M.A Yoga	22	0	80	20	00	100
PG Diploma Yoga	65	5	85	10	0	100
MBA (Distance Edu)	265	0	65	0	0	65

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

- ✓ By way of discussion on improvement on teaching and learning process among the IQAC team.
- ✓ Faculty teaches the advanced topics in more details using research articles.
- ✓ IQAC conduct Student feedback for the faculty. Based on the student feedback faculties with poor score identified and counseling conducted to guide them and strengthen their capabilities.
- ✓ IQAC encourage teachers to participate in conferences /seminar to enhances their knowledge
- ✓ IQAC monitors internal test and examination results of students. Students with poor performance identified and extra classes and remedial classes conducted for them.
- ✓ IQAC encourage students to participate and organize technical events
- ✓ IQAC organize expert lectures /workshops for teachers and students for quality education and learning system

2.13 Initiatives undertaken towards faculty development:

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	15
UGC – Faculty Improvement Programme	0
HRD programmes	2
Orientation programmes	10
Faculty exchange programme	3
Staff training conducted by the university	4
Staff training conducted by other institutions	1
Summer / Winter schools, Workshops, etc.	25
Others	12

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	145	80	04	122
Technical Staff	79	51	5	32

## Criterion – III

### 3. Research, Consultancy and Extension

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

- Seed money for research is provided to young faculty members.
- Ph.D. students are encouraged to participate in scientific conferences.
- Collaborations with the national and International institutes.
- Guest Lectures from scientists well reputed in national and International institutes.
- Hands on training programme sponsored by MP Biotechnology council from July, 20 to August 04, 2015
- In order to sensitize the excellence in research and maintain a research environment of intellectual integrity, as well as scholarly and scientific rigour, IQAC encourages to follow code of research ethics
- Research Policy was promoted to enhance the quality of research.
- To develop indigenous research laboratory in the field of Nano-technology with *in-situ* measurement system.
- Researchers are encouraged to avail the research facilities available in any school/institution/centers in University i and at university level.
- Teachers are encouraged to attend conferences, seminars etc.
- In most of the Schools, the students are given to opt research in lieu of a paper at post graduate level for advance learner, having 6.0 CGPA in previous year.
- Faculty encouraged for the Research Projects.
- Online Journals more than 10000 are available to all School/Institutes/Centers in addition to print Journals 135

#### 3.2 Details regarding major projects: -

	Completed	Ongoing	Sanctioned	Submitted
Number	23	45	4	1
Outlay in Rs. Lakhs	245.804	1319.37	124.28	0

#### 3.3 Details regarding minor projects: -

	Completed	Ongoing	Sanctioned	Submitted
Number	6	8	3	0
Outlay in Rs. Lakhs	20.23	9.82	4.9	0

#### 3.4 Details on research publications:

	International	National	Others
Peer Review Journals	224	135	5
Non-Peer Review Journals	42	12	0
e-Journals	20	3	0
Conference proceedings	51	100	13

#### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

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 (Lakhs)	Received (Lakhs)
Major projects	2009-2015	UGC/DST, DBT, SAP, MNRE	1483.86	1182.675
Minor Projects	2009-2015	UGC/DST	32.43	23.01
Interdisciplinary Projects			0	0
Industry sponsored			0	0
Projects sponsored by the University/ College	2009-2015		5.5	1
Students research projects (other than compulsory by the University)			0	0
Any other(Specify)	2015-16	MHRD	33.41	33.41
Total	2009-2015		1555.1	1239.995

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from:

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

3.9 For colleges NA Autonomy  CPE  DBT Star Scheme   
INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy: **Nil**

3.11 No. of conferences Organized by the Institution: **06**

Level	International	National	State	University	College
Number	2	0	4	0	0
Sponsoring agencies	UGC/DST		IASE		

3.12 No. of faculty served as experts, chairpersons or resource persons: **77**

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From funding agency	257.59	From Management of University/College	38.25
Total	295.84		

3.16 No. of patents received this year: **Nil**

Type of Patent		Number
National	Applied	<b>Nil</b>
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

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

Total	International	National	State	University	Dist	College
7	3	2	2	0	0	0

3.18 No. of faculty from the Institution who are Ph. D. guides and students registered under them

<b>126</b>	<b>529</b>
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3.19 No. of Ph.D. awarded by faculty from the Institution

<b>147</b>
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3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF	28	SRF	7	Project Fellows	36	Any other	20
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3.21 No. of students Participated in NSS events:

University level	2337	State level	3
National level	1	International level	0

3.22 No. of students participated in NCC events:

University level	152	State level	0
National level	0	International level	0

3.23 No. of Awards won in NSS:

University level	0	State level	0
National level	2	International level	0

3.24 No. of Awards won in NCC:

University level	0	State level	0
	01		



National level

International level

0

## 3.25 No. of Extension activities organized

University forum	43	College forum	41		
NCC	0	NSS	49	Any other	10

## 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 Oceans Day
- Plantation Day
- Campus cleanliness drive and Cleanliness Day (2<sup>nd</sup> October)
- Blood Donation Camp organized
- SPIC MACAY Programme by Pandit Ajay Pohankar, world renowned Vocalist (Hindustani Music), Shri Ramendra Singh Solanki on Tabla, and Dr. Vivek Bansod on Harmonium, January 20, 2016.
- Expert Talk on “Knowledge Representation, Requirements Engineering and Career Guidance” SPEAKER Ms. Richa Sharma, ShivNadar University, NCR, Delhi
- 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 168 of e-contents and 5 MOOCs
- Energy Audit of different Hostels and Departments by students under the guidance of faculty
- NSS-Unit conducted the Swachhata-Abhiyaan activity on 15th August 2015
- A Pledge taking Ceremony on “Sadbhavna Diwas”.
- Various lecture on different social issues.
- Legal aid camps
- Inter school sports 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.
- Conducted various Co curricular and cultural activities such as dance, solo song, acts, mimicry etc. regularly.
- Work for street children, Women empowerment and awareness programme, programme for orphanage, investors’ awareness programme, Tuberculosis awareness programme,

- Ozone layer prevention awareness programme, Save Water awareness programme

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Two Campuses are existing of Devi Ahilya Vishwavidyalaya. Administrative offices of the University exist at Nalanda Parisar, RNT Marg Indore and having the approximately 42046 m<sup>2</sup> (10.39 Acres) The UTD Campus area and its details are given below.

Facilities	Existing	Newly created	Source of Fund	Total
Campus area (in Sq Meters)*	922319	1100	University	923419
Class rooms (in Numbers)	157	6	University	163
Laboratories (in numbers)	109	4	University	113
Seminar Halls (in Numbers)	20	2	University	22
No. of important equipments purchased (≥ 1-0 Lakhs) during the current year.	241	58	UGC/ University	299
Value of the equipment purchased during the year (Rs. in Lakhs)	103.32	79.42	UGC/ University	182.74
Others	14	1	UGC/ University	15

\*University Campus including Schools/Institutes University Institute of Engineering and Technology

#### 4.2 Computerization of administration and library: -Yes

Library is fully computerized and all administrative officers/staff is working on computers. All existing computer units have been configured and updated.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (Lakh)	No.	Value(Lakhs)	No.	Value (Lakhs)
Text Books	189509	409.81	11093	42.45	200702	452.26
Reference Books	21014	416.29	21014	3.72	21806	53.97
e-Books	77	0.05	30	0	107	0.05
Journals	1459	12.71	0	0	1459	12.71
e-Journals	7074	4.25	1	0	7075	4.25
Digital Database	0	0	28	0.96	28	0.96
CD & Video	2977	0.252	192	0.235	3169	0.49
Others (specify)	893	0.393	74	0	967	0.393

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments/ Library	Others
Existing	2067	213	874	9	01	07	14	04
Added	190	194	19	0	15	94	35	10
Total	2257	407	893	09	16	101	49	14

#### 4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Governance etc.) - **Yes**

University Campuses are well equipped with Wi-Fi facility. An important service of IT center is management of website and web server. IT Centre maintains web server on 24x7 basis. The website content management is done on daily basis. For website monitoring a committee exists which gives suggestions for website look & feel and content management.

#### 4.6 Amount spent on maintenance in lakhs:

i) ICT	<b>21.68913/</b>
ii) Campus Infrastructure and facilities	<b>103.1792/</b>
iii) Equipments	<b>102.2068/</b>
iv) Others	<b>41.776/-</b>
<b>Total:</b>	<b>268.8511/</b>

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services:

University has an independent as well as coordinated system for student support and mentoring. In academic studies, sports and cultural activities, University supported the students. Students are guided in career, soft-skills and language skills and develop professional competitiveness as well as develop ethics.

IQAC contributes in enhancing student support services. Focus of the department is on capacity-building of students and accordingly variable levels of learning are identified and actively nurtured. Mentoring Concept is the process of implementation and focuses on overall development of the students.

Students are provided motivation and career counseling by various teachers and placement officer. Expert lectures are organized to enhance the teaching learning process.

Schools/Institutes/Centers gives information about student support services in the Induction Program.

#### **Structural and Functional Characteristics**

Schools/Institutes/Centers has support the students like scholarships, enrolments, fees, evaluation results, other issue of scholarship and other services.

- Orientation program for UG & PG students at departmental level at the beginning of sessions.
- Educational films / e- lectures shown to students shown during induction programs.
- Placement cell activities organized

#### **Career Counseling**

- Students are provided motivation and career counseling by various teachers and placement officer. Expert lectures are organized to enhance the teaching learning process.
- Career guidance to students like employment opportunities, advanced training programmes etc.

## 5.2 Efforts made by the institution for tracking the progression:

University maintained the records and proper monitoring by the faculties and committees constituted for that purposes.

- The action plan was prepared by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year. For quality assurance, self analysis and feedback through discussion with academic peers and students was practiced
- Student feedback is used for tracking the progression
- Cultural and Sports activities also support to discover the hidden qualities of students such as leadership, team spirit etc.
- University made a Committees for sharing administrative and academic works viz. anti ragging, Time-table, Exam coordination, Library, Maintenance, girl's grievance etc.
- Career counseling, soft skill development activities of student are taken care of by the different clubs.
- Subjects for personality enhancement(BCPD-Business Communication and Personality Development)
- School/Institute/Centre organized Orientation programs for Students and faculty members
- 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
- Career Orientation programs
- Specialization selection activities
- Corporate trainings
- Spoken English classes
- Mock Interview trainings by internal faculties and external experts like edge makers, EI foundation etc.
- Seminars, Workshops and conferences arranged by the department extra classes arrange the teachers for career of the students
- Accessibility of all the faculties during all working hours. Also in case of any emergency or immediate guidance 24 X7 students are free to get any guidance.
- Statutory Departmental Committee takes major decisions.
- Faculty curriculum design and updating committee function for curriculum updating.
- Intramural Program is continued as a regular program.
- Class room seminar and group discussion are regular feature.
- Guest lecturers were organized for students.
- Placement facilities, career guidance and counseling service are being continued.
- Mentors were allocated to all the students for their academic, social, career and other guidance.
- Faculty members provided assistance to the slow learners.
- Extension services are regularly provided.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others	M.Phil.
4399	5583	678	125	92

(b) No. of students outside the state

**377**

(c) No. of international students

**01**

	No	%
Men	5471	50.3

	No	%
Women	5406	49.7

2014 – 15

2015 - 16

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
<b>5951</b>	<b>1265</b>	<b>1119</b>	<b>2000</b>	<b>78</b>	<b>10413</b>	<b>6317</b>	<b>1291</b>	<b>1211</b>	<b>1975</b>	<b>83</b>	<b>10877</b>

**Demand ratio:** Admissions are made through Common Entrance Test (CET), State Entrance Test , Combined Entrance Test for the different courses of the University.

**Dropout %: 5 (Approximate)**

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

Faculties are guiding students' apart from class room interaction to prepare them for public and private services examinations. Mentors provide personal counseling of the students for their problems.

Efforts for students support mechanism for coaching for competitive examinations are-

- University Central Library has books for preparation of competitive exams.
- Students can discuss topics related to NET / GATE examinations with the Faculty members
- School/Institute/Centre hosted workshop and conference on Fostering research excellence at University level
- Value addition classes are scheduled for competitive examinations.
- Extra classes are conducted to support the students for competitive exams like GATE, GRE, NET, etc
- Faculties are guiding students' apart from class room interaction to prepare them for public and private services examinations. Mentors provide personal counseling of the students for their problems.
- All the students of the each School/Institute/Centre are assigned under faculty mentors, who regularly support the students in their career counseling as well as their personal growth and motivation.

No. of students beneficiaries

75

5.5 No. of students qualified in these examinations 2015 – 16:

NET 96 SET/SLET 02 GATE 39 CAT 0

IAS/IPS etc 7 State PSC 12 UPSC JAG 01 Civil Jude 10

5.6 Details of student counselling and career guidance:

- University organized orientation program helps the new students to get familiar with the Schools/Institute/Centre and the University
- Mentors are appointed for each student for academic, life, social and career counseling. Any time any where students can ask any query any guidance
- University organized orientation program helps the new students to get familiar with the Schools/Institute/Centre and the University
- Mentors are appointed for each student for academic, life, social and career counseling. Any time any where students can ask any query any guidance
- Timely Career counseling workshops are arranged.
- Industry experts are invited to share their experiences
- Alumni come and meet students to solve queries and guide if any career related issue
- Guidance and counseling cell is provided to the students for academic improvement, project placements, and for job placements.
- University/Departmental Career Counseling Cell organizes the lectures time to time and help in getting the placement directly from the school to different Industries/multinational organizations / self-employment etc.
- A language laboratory is setup for all students in University campus from UGC grant
- Each Schools/Institute/Centre of University give the training of skill development through real field project such as Energy auditing and energy conservation , designing of solar thermal and power generation projects, Environmental Impact Assessment etc and these activities help in their jobs.
- Student presentations are conducted in each course for concept presentation ability, handling queries, conflict management, realization of self worth, confidence generation etc.
- **Performance enhancement for slow learners**
  - Remedial classes are conducted for weak students in required subjects.
  - Psychoanalysis is conducted to analyze their weakness and strengths to promote their strengths.
  - They are taught to work in different situations through team, as leaders, good players etc. This enhances individual and group competence working and helps in developing certain traits of success.

No. of students benefitted

70

5.7 Details of campus placement:

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
208	1223	697	238

5.8 Details of gender sensitization programmes

Schools/Institute/Centre of University organized Lectures on Gender Issues.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level 386 National level 65 International level 0

No. of students participated in cultural events

State/ University level 297 National level 83 International level 0

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

Sports: State/ University level 67 National level 0 International level 0

Cultural: State/ University level 39 National level 4 International level 0

5.10 Scholarships and Financial Support

Detail	Number of students	Amount (Rs. In Lakhs )
Financial support from institution	360	119.03
Financial support from government	864	279.09
Financial support from other sources	90	161.93
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives: - None

Fairs : State/ University level 02 National level 0 International level 0

Exhibition: State/ University level 6 National level 0 International level 0

5.12 No. of social initiatives undertaken by the students 28 Legal Aid Campus



5.13 Major grievances of students (if any) redressed:

Students grievances cell were 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 and the mission of the University.**

##### **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: - **Yes**

**Online fee submission communication of e-contents and notices through website.**

### 6.3.1 Curriculum Development

**Periodical meeting is held on curriculum revision and feedback is taken from stake holders, students, professionals and experts.**

- University encourages its academic departments and has empowered under Ordinance 31 each School/Institute to function independently and autonomously in curriculum development, course plans, examination and evaluation and most academic and many administrative aspects. University has also delegated financial powers up to a limit to the HODs.
- Optimum use of flexibility approach to explore the unexplored domains so as to upgrade curriculum from time to time
- The University interacts with the stakeholders' viz., students, Pass-out graduates, Alumni, external academic/ industry experts for curriculum design
- The comments given by the students along with the inputs from faculty are analyzed by a committee consisting of senior Professors of the Department.
- The committee gives a report to the Head of the Schools/Institutes/Centre who communicates there marks for due consideration.
- On the basis of feedback ,Board of Studies(BOS) of the faculties are empowered to revised the syllabus time to time to meet the future demands in the fields of different discipline.

### 6.3.2 Teaching and Learning

- Schools/Institutes/Centers conducts regular meeting of students and teachers and teacher-parents, to understand the differential need of students and their interests. Different methods are used to make students understand some complex topics by analyzing their abilities
- Teaching done through ICT (PowerPoint) and class room board teaching. Various methods adopted are Lecture methods, interactive class room teaching, quiz, assignments, seminars, Group discussions and activity based learning
- Adopt modern teaching methods like online teaching, presentation, group discussion, etc. to develop teaching & learning process
- Course plan and detailed teaching plan is designed for each course
- Regular Monitoring by Academic Planning Committee and frequent checks by senior faculty
- The power point presentations prepared by faculty are uploaded on the site. The students are encouraged to visit and study the lectures prepared by IIT professors
- Faculty members have delivered VIDEO lectures over EDUSAT through Education Media Research Centre of University.
- Faculty provides links of e-books, video links in their respective subjects to the students, as additional resource materials to students. CD's are stored in library

### 6.3.3 Examination and Evaluation

- Ordinance 31 is followed by all Schools/Institutes/Centers of the University for the Examinations and evaluation.
- Checked examinations answers copies are shown to the students before finalization of the results.

### 6.3.4 Research and Development

- The 07 Schools/Institutes/Centers of University are funded by UGC-SAP.
- International Collaborations are done for the research and developments in some specific areas like plasma physics etc.
- Schools/Institutes/Centers are also funded by UGC-DRS and DST, MNRE for carrying out the research activities in different fields of science and technology, education and social sciences.
- Faculty members have active research programmes and funds from funding agencies. Research work is published in reputed national and international journals.
- University also constituted task force for Fostering Excellence in Research which take care of departments and also conduct research audit
- Various national level workshops are organized to promote research activities in the department. Eminent scientists/scholars have participated in these events
- In University Research laboratories are well equipped with required facilities and having modern instruments and equipments
- Faculty members will be motivated for getting funded R&D projects, consultancy assignments, and publishing research papers in quality journals
- Faculty members will be given incentives for membership of professional bodies.
- The Schools/Institutes/Centers will organize conference, seminars and workshops for teachers and students.
- Industry-institute linkage will be developed
- Faculty members regularly attend, participated in International conferences,

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

University regularly necessary action to improve physical infrastructure / instrumentation including library

- Students use various database, online tools and videos for practical and research. In fact, faculty teaches through research articles and further the students review more literature on the same on their own research interest and understand the process of researching.
- University library added new books , Journals & online study material for students & researchers
- Accessibility of e- journal in departmental library is ensured for students
- All classrooms of University are equipped with LCD Projectors and Internet connection, LAN facility, Antivirus and Internet connections is provided through LAN
- All the labs and classes are ICT-enabled with internet connectivity.
- INFLIBNET/IUC facilities are used frequently for research work.
- University has ICT infrastructure. Wi-Fi campus, best auditorium and Sports fields.
- University availing of the National Knowledge Network connectivity through Internet network by IT center in the class rooms.
- Proprietary software : MATLAB, LabVIEW, Geomatica, Arc GIS, Keil for 8051, Kiel for ARM Microcontrollers, Tanner Tools, Python used.

### 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 pertaining to their expertise
- Schools/Institute/Centers trained the staff and students in such a manner that everyone can serve any work and due to this versatility in the staff and students the department is running smoothly in hassle free environment
- 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 each section comprising of teaching and non-teaching staff. Head of the Institute monitors the functioning of each committee regularly and in charge of committee coordinates with Head for final decision making.

### 6.3.7 Faculty and Staff recruitment

Faculty and Staff recruitment is done according to UGC and State Govt. norms following the University Act, Statute.

### 6.3.8 Industry Interaction / Collaboration

- The University have good interactions and Collaboration with various types of industries.
- Schools/Institute/Centers has good interactions with various industries viz., Grasim, IPCA, Medilux etc. A number of students of the University are holding prestigious positions in various industries viz., Ranbaxy (Now Sun Pharma)), Sai-Advantium, Cipla, Dr.Reddy's, Alembic, Jubilant Pharma ,Mylan, Medilux etc.
- Students undertake project training at Research labs / industry for a period of 6 months during semester

### 6.3.9 Admission of Students

Through Common Entrance Test (CET) , M.Tech./M.E. Combined test and counseling and M.Phil. and Ph.D entrance test conducted for Admissions in different disciplines of Schools/Institute/Centers of the University. Combined Entrance Examination in Biotechnology (C. E. E. B.) conducted by the Jawaharlal Nehru University, New Delhi at all India level.

6.4 Welfare schemes for

Teaching and Non teaching	Welfare schemes available for teaching and non-teaching staff are as follows: Housing Loans and Car Loans, University ensures the steps to improve staff well-being, satisfaction and motivation for teaching and non-teaching staff. University provides Facilities of University Day Care Centre and Health Centre in the Takshila Campus, Medical allowance and conveyance allowance, Serious ailment expenses reimbursement, Admission for employers and their wards, houses for Faculty and staff in campus.
Students	Students welfare scheme

6.5 Total corpus fund generated

200 Crores

6.6 Whether annual financial audit has been done

**Yes**

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	<b>No</b>		<b>Yes</b>	
Administrative	<b>No</b>		No	

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

For UG Programmes      Yes  No

For PG Programmes      Yes  No

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

**Examinations were held in University as per Ordinance 31.**

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.

6.11 Activities and support from the Alumni Association

**Alumni of the each Schools/Institutions/Centers are working in various institution, companies, corporation and legal consultancies in various cities of India. They help the students in getting opportunity of their placement as well as in getting internship.**

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

6.12 Activities and support from the Parent – Teacher Association

- Interactions with the parents are regular features
- The Parent Teacher meetings organized regularly
- University always welcomes all the queries and suggestions of parents and resolves their queries.

6.13 Development programmes for support staff

- Provide regular computer training programmes for the staff
- Support staff participate in training programs organized by the University
- Supporting staff members are regularly encouraged to attend workshops for skills and knowledge enhancement.

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

**Faculties and students follow Green calendar and take active participation in activities directed by University or Schools/Institutes/centers from time to time.**

Some of the activities are-

- ✓ Energy conservation in **Schools/Institutes/centers**
- ✓ Development of Gardens
- ✓ Energy Audit of all **Schools/Institutes/centers** are completed and under implementation.
- ✓ 5 kW<sub>p</sub> Photovoltaic power plant Installed in School of Energy & Environmental Studies to meet the maximum demand of the Institute.
- ✓ Water harvesting and Roof harvesting system based on rock fracturing technique was installed
- ✓ Plantation at large scale was done to make Efforts for Carbon neutrality
- ✓ Energy and water conservation in building in addition to gardens and plantation.
- ✓ Plantation

## Criterion – VII

### 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.

- The Industries oriented, co-curricular, extension activities and skill oriented programs have been included in the different courses and incorporated in Syllabus.
- Separate center for Skill Development was started with few Programs.
- Internet network Connectivity and Web-based information is made available to Faculty, staff and Students.
- More than 1000 educational film are produced by EMRC, Indore and these films are available for University Students to provide strong learning resource platform for students.
- Special Arrangements are provided for physically and Visually Challenged students for operating and working on computers by **Braille**.
- ICT and Campus Network have been strengthened.
- Freedom of research to Master's students and versatility for nature of jobs to everyone
- Exposure to the students by the sophisticated Spector-analytical techniques
- Committed sincerity in maintaining the academic schedule
- Practical connect with theory, promotion of research, various academic and corporate support activity
- Eco-friendly experimental approaches
- Use Renewable Energy Resources
- Use of e-resources has positive impact
- The students develop the lawyer skills in regular use of Moot Court for competitions among the students.

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

- Green Calendar Activities are followed for the green and clean campus.
- Curriculum design and implementation as per CBCS system
- The faculty is extremely well qualified and motivated with a strong commitment to research
- We strictly maintain the time schedule to run the academic curriculum
- Quality enhancement program for NET aspirants
- Computer Skill Development Program for the students of rural areas



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

- Excellence in teaching and research.
- Central Facilities like Shishu Vihar ( Day-Care ) , Health Center,IT Center ,Central Library ,Indian Coffee House ,Post-Office, Bank and Hostel are some of the Best Practices of the University.
- Well functional regulatory bodies like IQAC, Various Task-forces, Cells, Women Grievance cell, Anti-ragging committees and Anti-ragging Squads, Placement cells; functional Environmental Policy for university and Green Calendar; regular organization of curricular and co-curricular activities viz. talks, seminars, symposiums, workshops, conferences, sports and cultural activities; and extensive extension and outreach activities are some of the Best Practices of the University.
  
- For quality assurance, self analysis and feedback from students was practiced.

*\*Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

### **Annexure-i**

Title: Excellence in teaching and research

#### **Objectives**

The objectives are focused to enhance the learning practices of students by appropriate method and techniques of the teaching. The teaching methods and technique are used categorically for student centric learning practise. It is given below.

- Combined Power Point Presentations and black board teaching
- Technical Video films focused to specific topics
- Industrial and field visits related to the courses
- Seminars and Workshops
- Expert Lectures from eminent scientists, teachers and personalities from different walk of life.
- Teachers involve the students in research and encourage them to publish the research papers.

#### **Outcome**

The students exposure for the real problems and solution finding abilities seems to be enhanced and high rate of satisfactory jobs found by students from the campus may be an evidence of success.

## **Annexure ii**

Title: Self analysis and feedback from students for Quality Improvements in Schools/ Institutes / Centers or at University level

### **Objectives**

The objective is to take suggestions from the most important stakeholders to implement them for the quality improvement in all the faculties of working in the university.

The feedback mechanism is adopted by gather the feedbacks for the improvements on specific issues like teaching and learning etc, administrative system , examination system, Infrastructure, students facilities , financial management etc. The feedback is normally taken by different methods as given below

- Feedback on Questionnaire sheet
- Online feedback system
- Workshop method
- Meeting with Experts, industrialists, parents and scientists of repute
- Discussion on open forum
- Discussion in meetings of Head of the Schools/Institutes/Centres
- Faculty- student integration
- Alumnae meetings

### **Outcome**

The Quality improvements are continues process in all disciplines of University. The monitoring programs are in use now and the examination and result preparation of nearly 315 colleges (more than Two Lakh Students per semester) becomes very good. The results are declared with in time period. Similarly, teachers performance is analysed and given to them, this practice resulted in better teaching and research performance and continue to be further improvement.

#### 7.4 Contribution to environmental awareness / protection

Green Policy of the University in Practice and continuous activities are carried out in the University. The activities carried out are given below

- 1000 plantation are added in and around the campus
- Eight Days Officers Training for CREDA, Chhattisgarh on Bio-methanation plants and their use.
- Users training programs for villagers for the awareness on biogas systems and their use
- Use Energy efficient gadgets in the Campus
- Swachhha Bharat Abhiyan on 2.10.2015,
- Hosted Youth conference on Science Communication.
- NSS unit has conducted a cleanliness drive of University campus in which all the students of the all institute actively participate.
- Environmental Awareness drive is created through encouraging students to use public transport/bicycle on any one day of every week
- E-waste management: If there is any e-waste, initially it is stored in a proper room followed by its disposal to appropriate place taking into account the defined official procedure

7.5 Whether environmental audit was conducted?

Yes

No

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

**Strength**

- Premier Institution of higher learning in central India, effectively catering to diversified educational needs of tribal, rural and urban population for past 52 years
- Brand image in Madhya Pradesh.
- University received fund for 07 SAP Programs, 01- CAS, 03-DRS, 02- Centre of Excellence, 01-DBT in various school .
- BIS recognition and NABL Accredited lab for Solar thermal devices center funded by MNRE run from 1992.
- Large area and large number of affiliated colleges (More than 300)
- Highly Qualified and Dedicated Faculty.
- International and National collaborations
- Transparency in examination and evaluation process.
- Rich Library available
- Computers with Internet and Wi-Fi facility to the entire faculty individually and computer lab for students
- Students placement in National and International Institutions, companies
- Self disciplined horizontal learning system amongst the students
- State of art auditoriums, Studios, Radio Station, Multicasting and other essential amenities.
- Proactive Placement Cell and Career Counseling Cell to facilitate appropriate employment. Emphasis on promotion of holistic development of students through cocurricular,• extracurricular, and extension activities. Strong Alumni presence in Global and National level public and private• organizations in diverse areas connected through registered Alumni Association.
- Visionary and transformational leadership for academic and administrative excellence.
- Learning and Working together and Participative management.
- Continuous quality assurance, sustenance and enhancement through well defined processes. Eco-friendly campus with well defined Green University Policy and Green Calendar. Significant contribution in developing instructional material in terms of educational films, e-contents, and multi-casting for facilitating virtual learning.
- Financially Strong University in MP
- Promoting multidisciplinary research and issues related to local community

**Weakness**

- Initially conceptualized as a Science University resulting in lesser emphasis on several social, humanities and arts disciplines
- Geographical expansion without augmentation of infrastructure and human resources
- Disparity in the intellectual levels of students so that learning group is indeed heterogeneous rather than composite
- Dependence on State for funds, sanctions, approvals and policy level decisions.
- E-governance not fully functionally.

**Opportunity**

- Introducing multidisciplinary courses in emerging areas.
- Participation in Exchange programmes with foreign Universities
- Increasing linkages with local industries for skilled human resource.
- Continuous quality enhancement, accreditations, benchmarking and certification from appropriate bodies / organizations for national and international recognition.

**Challenges**

- Balancing the educational requirements of cross sections of the society– tribal, rural (43%) and urban
- Sustaining the value system amongst stakeholders.
- Maintaining Student-teacher ratio as per norm.
- Managing resources for quality education while keeping the cost of education low.
- To maintain quality education and research to sustain at global area.

## **8. Plans of institution for next year**

- Collaborative research activities at Global level will be promoted
- Rationalizing CBCS system at UG & PG levels.
- Introducing more Skill development and Vocational Courses.
- Promoting cross-disciplinary Research.
- To strengthen research activities, new research projects will be submitted to various funding agencies
- Strengthening of the Placement Cell.
- To develop prudent approach in the students taking NET/SLET and similar quality oriented competitive examinations
- Modernization of laboratory
- Planning for Industrial/Institute collaboration
- Development of Virtual Class Room
- Enhancing E-management

**(Dr. S.P. Singh)**  
**Name and Signature of the**  
**Coordinator, IQAC**

**(Dr. N. K. Dhakad)**  
**(Hon'ble Vice Chancellor)**  
**Name and Signature of the**  
**Chairperson, IQAC**

## **Annexure II**

### **Abbreviations:**

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

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