

The Annual Quality Assurance Report (AQAR) of the IQAC  
**Institute of Engineering & Technology**

## Part – A

**1. Details of the Institution**

1.1 Name of the Institution	Institute of Engineering & Technology
1.2 Address Line 1	Khandwa Road
Address Line 2	Opp. Soyabean Research Centre
City/Town	INDORE
State	MADHYA PRADESH
Pin Code	452001
Institution e-mail address	dir.iet@dauniv.ac.in
Contact Nos.	0731-2361116, 2361117
Name of the Head of the Institution:	Dr Sanjiv Tokekar
Tel. No. with STD Code:	0731-2366800 (Office)
Mobile:	+91-9425322306
Name of the IQAC Co-ordinator:	Dr. Nagendra Sohani

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHCOGN 18879) **EC/66/RAR/146 dated 21-02-2014**

1.4 Website address:

Web-link of the AQAR:

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

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	Four Star		20/09/2000	“Five Years”
2	2 <sup>nd</sup> Cycle	B grade	2.57 out of 4	16/09/2008	“Five Years”
3	3 <sup>rd</sup> Cycle	A	3.09	21 .2. 2014	“Five Years”
4	4 <sup>th</sup> Cycle	N.A	N.A	N.A	N.A

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

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

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 \_\_\_\_\_ 2014-15 on 31-07-2015 \_\_\_\_\_
- ii. AQAR \_\_\_\_\_ 2015-16 on \_03-09-2016 \_\_\_\_\_
- iii. AQAR \_\_\_\_\_ (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)

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	<input type="text"/>	UGC-CE	<input type="text"/>
UGC-Special Assistance Programme	<input type="text"/>	DST-FIST	<input checked="" type="checkbox"/>
UGC-Innovative PG programmes	<input type="text"/>	Any other ( <i>Specify</i> )	<input type="text"/>
UGC-COP Programmes	<input type="text"/>		

## **2. IQAC Composition and Activities**

2.1 No. of Teachers	<input type="text" value="06"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="02"/>
2.3 No. of students	<input type="text" value="01"/>
2.4 No. of Management representatives	<input type="text" value="01"/>
2.5 No. of Alumni	<input type="text" value="01"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="Nil"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="01"/>
2.8 No. of other External Experts	<input type="text" value="01"/>
2.9 Total No. of members	<input type="text" value="12"/>
2.10 No. of IQAC meetings held	<input type="text" value="04"/>

2.11 No. of meetings with various stakeholders:	No.	<input type="text"/>	Faculty	<input type="text" value="02"/>
	Non-Teaching Staff	<input type="text" value="02"/>	Students	
	Alumni	<input type="text"/>	Others	<input type="text"/>

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.  International  National  State  Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC :

- a) Development of Quality Culture in the institution;
- b) Preparation of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC, to be submitted to NAAC.
- c) Development of quality benchmarks/parameters and its application of for various academic and administrative activities of the institution;
- d) Facilitating the creation of a learner-centric environment conducive to quality education and encourage faculty to adopt the required knowledge and technology for participatory teaching and learning process;
- e) Arrangement for feedback response from students, parents and other stakeholders on quality-related institutional processes;
- e) Organize workshops, seminars on quality related themes and promotion of quality culture
- f) Documentation of the various programmes/activities leading to quality improvement;
- g) Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices.
- h) Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality drastic improvement in overall quality of teaching and learning

## 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
Frequent Faculty and stack holders meeting to inculcate quality culture	Create quality culture and accredited
Feedback from the stake holders	Improvement in teaching learning

## 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	08	NIL	10	NIL
PG	07	NIL	07	NIL
UG	06	NIL	06	NIL
PG Diploma	NIL	NIL		
Advanced Diploma	NIL	NIL		
Diploma	NIL	NIL		
Certificate	NIL	NIL		
Others	NIL	NIL		
<b>Total</b>	21	NIL	23	NIL
Interdisciplinary				
Innovative				

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

Clearly identified Core, Elective and Inter-disciplinary subjects

- More than 40% curriculum content comprised of Inter-disciplinary subjects covering
- Managerial, IT, Communication and Entrepreneurial aspects
- Lateral entry admission of Diploma and B.Sc. Graduates in all BE program in second year
- Part-time programs in BE, for Diploma / B.Sc. Graduates
- Part-time programs in ME

Sr	BE Programs	No. of Core Papers in each Course in eight Semesters	Total Hours for Core Papers in each Course in all Semesters	No. of Elective Papers in each Course in four Semesters	Total Hours for Elective Papers in each Course in all Sem.	No. of Inter departmental or interdisciplinary courses in eight Sem.	Total Hours for inter-disciplinary subjects
1	Electronics & Instrumentation	21	84	2	8	19	68
2	Electronics & Tele - Communication	22	88	2	8	18	64
3	Computer	22	88	2	8	18	64
4	Information Technology	21	84	2	8	19	68
5	Mechanical	21	84	2	8	19	68
6	Civil	21	84	2	8	19	68

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	BE=56 Sem; ME=32:MSc=8 Sem(88 Sems)
Trimester	NIL
Annual	NIL

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.

Every year a committee of senior professors guide the revision process.

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

No



## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
51	34	08	09	

2.2 No. of permanent faculty with Ph.D. 25

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

2.4 No. of Guest and Visiting faculty and Temporary faculty

	70	23
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended			
Presented papers			
Resource Persons			

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

- Class rooms and laboratories equipped with projectors
- Students encouraged to take industry based projects to understand present industry problems
- Syllabus updated as per present industrial requirements.
- Campus Wi-Fi process is under pipeline
- Library equipped with best text /reference books
- Lab assignments done by teachers themselves at the beginning of the session
- ICT enabled classrooms. Online form submission through MP Online portal.
- Massive Plantation
- Polythene Free Campus: It is not allowed to use polythene within the premises.

2.7 Total No. of actual teaching days during this academic year 203

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions) 1. Central Valuation  
2. Hiding of Roll Nos.  
3. Review of Answer

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop 18

2.10 Average percentage of attendance of students 76%

2.11 Course/Programme wise distribution of pass percentage :

Course	Programme	Pass out Percentage	Total No. of Students Appear in final Exam	Distinction Percentage	First Div. Percentage	Second Division Percentage
BE	CIVIL	100	64	57	40	3
BE	COMPUTER	100	123	39	55	6
BE	ELECTRONICS & INSTRUMENTATION	100	55.00	1.0	53	46
BE	ELECTRONICS & TELECOMMUNICATION	100	111.00	25	40	35
BE	INFORMATION TECHNOLOGY	100	113.00	37	44	19
BE	MECHANICAL	100	57.00	37	60	3
MEFT	SOFTWARE ENGINEERING	100	16	68	32	0
MEFT	DESIGN & THERMAL	100	14	43	57	00
MEFT	DIGITAL & INSTRUMENTATION	100	12	34	66	00
MEFT	DIGITAL & COMMUNICATION	100	16	43	50	07
MEFT	INDUSTRIAL ENGG. & MANAGEMENT	100	9	60	40	00
MEFT	INFORMATION SECURITY	100	12	80	20	00
Msc	APPLIED MATHEMATICS	100	3	33.34	33.33	33.33

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

1. IQAC conduct Student feed back for the faculty. Based on the student feedback faculties with poor score identified and counselling conducted to guide them and strengthen their capabilities.
2. IQAC encourage teachers to participate in conferences /seminar to enhances their knowledge
3. IQAC monitors internal test and examination results of students. Students with poor performance identified and extra classes and remedial classes conducted for them.
4. IQAC encourage students to participate and organise technical events
5. IQAC organise 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	
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others	

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	NIL	49	NIL	49
Technical Staff	NIL	18	NIL	18

**Criterion – III****3. Research, Consultancy and Extension**

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

- IQAC conduct workshop for faculty and students on research methodology.
- IQAC conducted lectures of eminent scientist and researchers to create research environment.
- IQAC suggest for the development of research laboratory and procurement of software to promote research
- IQAC conduct workshop for administrative staff on official working patterns.

## 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	NIL			
Outlay in Rs. Lakhs				

## 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs		01 lac	01 lac	

## 3.4 Details on research publications

	International	National	Others
Peer Review Journals	25	45	
Non-Peer Review Journals			
e-Journals			
Conference proceedings	12	15	

## 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	Received
Major projects				
Minor Projects	2015-16	Seed Money	10 lac	lac 10
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total				

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 <input style="width: 40px;" type="text"/>	CAS <input style="width: 40px;" type="text"/>	DST-FIST <input style="width: 40px;" type="text"/>
DPE <input style="width: 40px;" type="text"/>		DBT Scheme/funds <input style="width: 40px;" type="text"/>

3.9 For colleges

Autonomy <input style="width: 40px;" type="text"/>	CPE <input style="width: 40px;" type="text"/>	DBT Star Scheme <input style="width: 40px;" type="text"/>
INSPIRE <input style="width: 40px;" type="text"/>	CE <input style="width: 40px;" type="text"/>	Any Other (specify) <input style="width: 40px;" type="text"/>

3.10 Revenue generated through consultancy

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number					
Sponsoring agencies					

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

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  From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	
	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

Total	International	National	State	University	Dist	College

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

3.19 No. of Ph.D. awarded by faculty from the Institution

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

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level  State level

National level  International level

3.22 No. of students participated in NCC events:

University level  State level

National level  International level

3.23 No. of Awards won in NSS:

University level  State level

National level  International level

3.24 No. of Awards won in NCC:

University level	<input type="text"/>	State level	<input type="text"/>
National level	<input type="text"/>	International level	<input type="text"/>

3.25 No. of Extension activities organized

University forum	<input type="text"/>	College forum	<input type="text"/>		
NCC	<input type="text"/>	NSS	<input type="text" value="18"/>	Any other	<input type="text"/>

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

As planned the NSS-Unit of IET-DAVV conducted the **Swachhata-Abhiyaan activity on 15th August 2015** wherein the **Gajarghaans and other weed removal activity** was undertaken by the volunteers/students. The area **IN AND AROUND the E-Block** (Garden space and surroundings) was cleaned by the volunteers.

Earlier the NSS volunteers also took part enthusiastically in the Independence Day celebration programme at the university auditorium.

**Criterion – IV****4. Infrastructure and Learning Resources**

## 4.1 Details of increase in infrastructure facilities:

At present infrastructure available at Institute

	A Block	B Block	D Block	E Block	F Block	M Block	Total
Class Rooms	4	6	5	8	8	4	35
Labs	7	6	7	4	4	1	29
Built-up Area (SQM)	1863.2	2106.3	2106.3	3585.7	4720	2506	16887.5

NIL

Facilities	Existing	Newly created	Source of Fund	Total
Campus area				
Class rooms				
Laboratories				
Seminar Halls				
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)				
Others				

## 4.2 Computerization of administration and library

- Our department, sections and library are fully computerized.
- The administrative office includes reception area, office area and record keeping room.
- Institute has an Examination control room and Result section which facilitates record keeping of various examination's details and mark-sheets of students.



4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	43829	12594834	4850	18,34,150	48679	14428989
Reference Books	6722	2688800				
e-Books	-	-				
Journals	99	486675				
e-Journals						
Digital Database	-	-				
CD & Video	450	24725				
Others (specify)	-	-				

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	818							
Added								
Total	818							

4.5 Computer, Internet access, training to teachers and students and any other programme for technology

**Library Facilities**

Working Hrs.	E journal Subscription	Annual Budget (in Rs)	Area in Sqm	Library Management Software	Bar Code or RF Tab book handling	Reprographic Facility	Reading Room Capacity (Number of Students)
8:00 AM TO 9:00 PM	HTTP://WWW.DAUNIV.AC.I N/UGCINFON ET.PHP	250000	387	Yes	Yes	Y	50

Up gradation (Networking, e-Governance etc.)

- All desktops given to faculty and students are internet ready through 1 GBPS bandwidth available from IT Centre. Restricted internet access for students through security tools to preserve bandwidth for academic purposes.

4.6 Amount spent on maintenance in lakhs :

i) ICT	4.20 lac
ii) Campus Infrastructure and facilities	75.20 lac
iii) Equipments	5.50lac
iv) Others	20.5 lac
<b>Total :</b>	105.4 lac

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

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

5.2 Efforts made by the institution for tracking the progression

- Mentor scheme
  - Started in year 2006-07
  - A teacher mentor is assigned for a Group of 15 students
  - Meetings are held twice a semester.
- Online timetable and syllabus available
- Wards of employees of Railways, BSNL, SBI, MP Police and other PSU's are getting scholarships from their respective departments
- Students are given Railway concessions for attending workshops/ seminars
- Publication of Institute Magazine 'Pegasus'
- Women and Girls student welfare cell
- Fully Active Placement cell
- Students volunteer in the placement activities
- Collaboration with other UTDs, such as IIPS/ SCS&IT
- MOU with Ericsson Global Services for student training
- Common Health Centre of DAVV

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
634	224	65	

(b) No. of students outside the state

(c) No. of international students

Men

No	%

Women

No	%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total

Demand ratio

Dropout %

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

Extra classes are conducted to support the students for competitive exams like GATE, GRE, NET, etc

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET  SET/SLET  GATE  CAT   
 IAS/IPS etc  State PSC  UPSC  Others

5.6 Details of student counselling and career guidance

Student approaching along with their queries and properly given counselling by Faculty, HODs, Administrative Officer, Staff, Hostel Wardens and Director time to time.

No. of students benefitted

Approx 300

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
23	460	391	

5.8 Details of gender sensitization programmes

Meetings of girl students are taken by senior faculty members of the Institute.

5.9 Students Activities

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

State/ University level

68

National level

International level

No. of students participated in cultural events

State/ University level  National level  International level

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

Sports : State/ University level  National level  International level

Cultural: State/ University level  National level  International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution:		
<i>1 Swarna Padak in all branches of BE, ME and MSc ( total 13 Nos)</i>	13	
<i>2 Dr SatyaPriya Joshi Smrati Swarna Padak</i>	01	
<i>3 Swargiya Mukesh Pareekh Smrati Swarna Padak</i>	01	
<i>4 Dr R C Jaal Charity Trust Swarna Padak</i>	01	
<i>5 Shri Mohanlal Mittal Dharmik avam Parmarthik Nyaas Swarna Padak</i>	01	
<i>6 Omkar Parimarthik Nyas swarna padak</i>		
<i>7 Financial aid is provided to Physically handicapped students through Student Welfare department</i>		
<i>8 Dr. S. M. Dasgupta Scholarships (Rs 10,000/ per year) are awarded to merit holders in all branches since 2003 (6 No.)</i>	06	
<i>Dr. Manohar Chandwani Award ( Rs. 15,000/ per year ) to passing out students (4 No.) since 2012</i>	04	
Financial support from government:		
-Tribal Welfare Department of MP Government providing scholarship to ST,ST and OBC students as per norms. -All GATE qualified ME students are getting stipend from AICTE for Rs 8000/- per month.		
Financial support from other sources		
Number of students who received International/ National recognitions		

## 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: \_\_\_\_\_

**Criterion – VI****6. Governance, Leadership and Management**

## 6.1 State the Vision and Mission of the institution

**Vision:**

To Remain at Forefront of Engineering Education, strive ceaselessly to shape the young enthusiasts into Technical Professionals

**Mission:**

- Creating an enthusiastic and synergetic environment
- Developing the youth into integrated and holistic personality to meet the challenges of technological competitiveness
- Nurturing intellectual, ethical, social and national values
- Updating technical and professional know-how and sharing it with others creatively in an effort to realize Technology Vision of India

## 6.2 Does the Institution has a management Information System

No

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

## 6.3.1 Curriculum Development

1. Feedback from the employers
2. Feedback from the alumina
3. Feedback from the eminent academician/ scientist

## 6.3.2 Teaching and Learning

- Teachers encouraged to participate in conferences and seminars.
- Class rooms equipped with projectors
- Well-equipped laboratories for the conduction of practical and demonstration
- Excellent demand ratio for the BE courses as shown during counselling conducted by M P Government.
- An Orientation program is organized for fresher students every year before commencement of classes.
- Motivation lectures are organized regularly for fresher students.
- The weak students are identified after each class tests and the extra classes are arranged for weaker students. The academic calendar of the Institute is strictly followed.
- Course plan and detailed teaching plan is designed for each course.
- Labs are prepared for each course and are being optimum utilization by the students.
- Every teacher maintains teacher's diary cum attendance register and laboratory teachers maintain laboratory cum attendance register
- Facilities of review and revaluation results. The answer copies shown to the students to resolve grievances.
- Regular Monitoring by Academic Planning Committee and frequent checks by senior faculty.
- The faculty members have prepared power point presentations for the subjects taught.
- The student laptop connected to internet through Wi-Fi for 24x7 learning in campus and hostels.



### 6.3.3 Examination and Evaluation

- Pre planned and scheduled examination system
- Result declares within 30 days of examination, for final year before 10<sup>th</sup> of May every year
- Central valuation system adopted
- Result monitored and analysed

### 6.3.4 Research and Development

1. Budget allocation for research
2. Teachers paid grants for the research publication
3. Reimbursement of internet broadband to research guide

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

#### Library

- About 000000 books valued Rs. 0000000/-
- 6396 titles
- 81 Journals
- 2300 Book CD's
- 31 Magazines subscriptions
- 12 News papers subscriptions
- University arranges for E-subscriptions of Journals
- An amount of approx. Rs 2:00 lac per annum is paid by the Institute towards this contribution
- Using customized developed software for Library Management w.e.f. year 2000

#### ICT

- The infrastructure with advanced technology is being developed having 648 Computers.
- Selected Class rooms and laboratories facilitated with 22 multimedia projectors
- IET Intranet with 600+ nodes , Internet access
- Internet connectivity through DAVV campus wide network in each Academic block and hostels
- All faculty rooms are facilitated with Internet connectivity
- Virtual class room and Virtual lab
- Boys hostels are having 1 Gbps Internet access through DAVV Campus network on 24 X 7 basis
- All sections of Administrative Office are using computers and printers
- Using Customized developed software for Admissions, Accounts , Exam and Result processing since year 2000

### 6.3.6 Human Resource Management

- The Management maintains transparency in communicating the intent of the organization to all its employees through clarity in authority and delegation to achieve positive results in improving performance of the institution through the following acts.
- Frequent faculty meetings at school level. For effective implementation of policies and plans, the school emphasizes on the reviews made by various committees constituted by involving Faculty are given below:
  - Academic Planning Committee
  - Placement Cell
  - Internal Quality Assurance Cell (IQAC)
  - Industry Institute Relationship Cell
  - Library and Laboratory Infrastructure Committee
  - Exam and result Committee
  - Disciplinary Committee
  - Grievance Redressal
  - Alumni Association
  - Anti- Ragging
- Faculty and Students also participate in the management of Institute by giving suggestion about purchasing of equipment in laboratory, books and other study material in Library, timings of Institute and library, sports and research .
- Function of Class Coordinators and working committee are strategic to groom leadership at various levels.
- Student services are provided by the Head's Office, Academic Planning Office, Advising Office, the Placement Office, Student Co-curricular Office, the Industry Interface Office, Result & Examination Office, Assessment & Research Office, Laboratory & Infrastructure Office, Library Development Office and the Student Clubs / Alumni Association Office.
- It is our intention to provide our students with a sense of community within the school.

6.3.7 Faculty and Staff recruitment

Done by Registrar, DAVV

6.3.8 Industry Interaction / Collaboration

- Faculty members are in touch with industry experts and receive useful feedback from the various experts.
- Industry experts from organizations conduct workshop on various subjects.

6.3.9 Admission of Students

UG Admission Process:

- Admission process shall take place through counselling conducted by DTE, Bhopal through Counselling Authority and conducted at RGPV Bhopal and its nodal centres in MP.

PG Admission Process:

- A candidate seeking admission to the program should have passed with 60% (or equivalent) in BE/BTech (or equivalent) in an allied branch of engineering from a recognized/ University.
- Regular candidates should have a valid GATE Score in the relevant/ allied branch of Engg/ Tech.
- The sponsored candidates should have two years of work experience after BE/BTech degree.

6.4 Welfare schemes for

Teaching	Karmachari Sahayata Kosh
Non teaching	Karmachari Sahayata Kosh
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				
Administrative				

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?

Semester system is followed and the answer sheets were shown to the students after evaluation.

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

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

Providing regular computer training programmes and learning programmes to the staff.

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

- Massive plantation
- Having a pond in the campus.
- Protection of existing trees.
- Development of Garden.
- Water recharging natural system.
- Polythene free campus.

**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.

- ICT enabled classrooms.
- Online form submission through MP Online portal.
- WiFi Connectivity in campus
- 500 plants are planted in the premises. All blocks are having garden It makes department environment friendly for the students, staff and faculty.
- Polythene Free Campus: It is not allowed to use polythene within the premises.

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

01	Activities reflecting the goals and objectives of the institution	a. Regular teaching with teaching aids b. Syllabi coverage: 100 % and full promotion of research activities c. Provide concepts to crack various competitive examinations.
02	New academic program initiated (UG and PG)	None during 2014-15
03	Innovations in curricular design and transaction	Student feedback was considered to update the syllabus. Student feedback was taken after every six months, in May and in December.
04	Inter-disciplinary programmers started	<ul style="list-style-type: none"> <li>• Subjects like communication skills, English, Accounts, Entrepreneurship, Environment Awareness, Physics etc. are part of curriculum. Classes of English Language Lab, personality development, interviewing skills etc. are conducted every semester.</li> </ul>
05	Examination reforms implemented	Semester system is followed and the answer sheets were shown to the students after evaluation.
06	Candidates qualified NET/SLET/GATE etc.	GATE: NET:
07.	Initiative towards faculty development	

	programme	
08	Total number of seminars/workshops conducted	
09	Research projects a) Newly implemented b) Completed	
10.	Patents generated if any	None
11.	New collaborative research program	
12.	Research grants received from various agencies	
13.	Citation index of Faculty members and impact factor	
14	Honors/Awards to the faculty	
15	Internal resources generated	
16	Details of departments getting SAP, FIST, etc assistance/recognition	None
17	Teachers and officers newly recruited	
18	Teaching-Non-teaching staff ratio	
19	Improvements in the library services	
20	New books/journals subscribed and their Value	
21	Courses in which	

	Student Assessment of Teachers is introduced and the action taken on student feedback.	
24.	Unit Cost of Education.  Unit cost = total annual expenditure budget  (Actual) divided by the number of students enrolled.	expenditure / students  =
25.	Computerization and Administration and the process of Admissions and examination, result issue of certificates.	
26.	Increase in the infrastructural facilities.	Computer Labs:  Servers:  No. of computers:  Internet and wifi facility:  Multimedia Lecture theatres:  Multimedia enabled faculty meeting hall:  Projectors:
27.	Technology up gradation.	
28	Computer and internet excess and training to teacher and students.	All desktops given to faculty and students are internet ready through 1 GBPS bandwidth available from IT Centre. Restricted internet access for students through security tools to preserve bandwidth for academic purposes.  Total number of class rooms:  Class rooms with ICT facility:



		Students' laboratories:  Research laboratories:
29.	Financial aid to students.	<ol style="list-style-type: none"> <li>1 Scholarship and fee reimbursement to ST/SC and OBC through State Government</li> <li>2 GATE qualified are receiving Rs. 8000/- per month as stipend as and when it is received from AICTE.</li> <li>3 Dr S M Dasgupta and Dr Manohar Chandwani Scholarship</li> </ol>
	Activities and support from the Alumni Association.	
31.	Activities and support from the parent Teacher Association.	
32.	Health Services.	Students are provided Health Centre facility by the University.
33.	Performance in sports activities.	Students participated in Inter Departmental Sports activities.
34.	Incentives to outstanding sports persons.	We have given free hands to students deciding about schedule of class tests and semester examinations as per their convenience.
35.	Students achievements and awards.	Placed in various MNCs and Government Sectors.
36.	Activities of the Guidance and Counseling Units.	<p>Discussion with students and research scholars is held to provide information and to encourage them in various scientific activities during regular student teachers meetings.</p> <p>The department has following Committees for various student services :</p> <ul style="list-style-type: none"> <li>• The Academic Planning Committee</li> <li>• <a href="#">Discipline, Grievances and Complaints</a> cell</li> </ul>
37.	Placements services provided to student.	One teacher is placement officer, who provide the counseling regarding placements.

38.	Development programmes for Non- teaching staff.	Provide regular computer training programmes for the staff.
39.	Healthy practices of the institution.	Regular and quality teaching Active participation in research activities Departmental harmony in working ambience. For quality assurance, self analysis and feedback from students was practiced.
40.	Linkages developed with National/ International, Academic/Research bodies.	Collaborations and MOUs exist (as mentioned above).
41.	Any other relevant information the institution wishes to add	Department works for the overall development of the students through regular teaching and discussion with the students.

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

- Active participation in research activities
- 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)***

7.4 Contribution to environmental awareness / protection

- Massive plantation around the campus
- Polythene free campus

Yes

No

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

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

Name \_\_\_\_\_

Name \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*Signature of the Coordinator, IQAC*

*Signature of the Chairperson, IQAC*

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