

# ANNUAL QUALITY ASSURANCE REPORT

2014-2015



RANI DURGAVATI UNIVERSITY, JABALPUR

MADHYA PRADESH

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

(July 1, 2014 to June 30, 2015)

## Part – A

### I. Details of the Institution

1.1 Name of the Institution

Rani Durgavati Vishwavidyalaya

1.2 Address Line 1

Saraswati Vihar

Address Line 2

Pachpedi

City/Town

Jabalpur

State

Madhya Pradesh

Pin Code

482001

Institution e-mail address

vc.rdunijbp@nic.in

Contact Nos.

0761-2601452; 0761-2600785

Name of the Head of the Institution:

Professor Alka Nayak

Tel. No. with STD Code:

0761-2601452

Mobile:

9827532051

Name of the IQAC Co-ordinator:

Professor Anjana Sharma

Mobile:

9425155323

IQAC e-mail address:

iqac.rdvv14@gmail.com

1.3 NAAC Track ID -

MPUNGN10071

1.4 Website address:

www.rdunijbpin.nic.in

Web-link of the AQAR:

www.rdunijbpin.nic.in/iqac.html

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	B++	80-85%	2002	2007
2	2 <sup>nd</sup> Cycle	B	2.71	2015	2020
3	3 <sup>rd</sup> Cycle	NA	NA	NA	NA
4	4 <sup>th</sup> Cycle	NA	NA	NA	NA

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

28.01.2012

1.7 AQAR for the year

2014-2015

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 submitted to NAAC on ---- / ---- /2015

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)

Life Science, Mathematical Science, Social Science .

1.11 Name of the Affiliating University (for the Colleges)

NA

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	<input type="text" value="NA"/>	UGC-CPE	<input type="text" value="NA"/>
DST Star Scheme	<input type="text" value="NA"/>	UGC-CE	<input type="text" value="NA"/>
UGC-Special Assistance Programme	<input type="text" value="Yes(DSA)"/>	DST-FIST	<input type="text" value="NA"/>
UGC-Innovative PG programmes	<input type="text" value="NA"/>	Any other ( <i>Specify</i> )	<input type="text" value="NA"/>
UGC-COP Programmes	<input type="text" value="NA"/>		

## 2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="Five (05)"/>		
2.2 No. of Administrative/Technical staff	<input type="text" value="Four (04)"/>		
2.3 No. of students	<input type="text" value="00"/>		
2.4 No. of Management representatives	<input type="text" value="One (01)"/>		
2.5 No. of Alumni	<input type="text" value="Three (03)"/>		
2.6 No. of any other stakeholder and community representatives	<input type="text" value="One (01)"/>		
2.7 No. of Employers/ Industrialists	<input type="text" value="One (01)"/>		
2.8 No. of other External Experts	<input type="text" value="00"/>		
2.9 Total No. of members	<input type="text" value="Twenty (20)"/>		
2.10 No. of IQAC meetings held	<input type="text" value="16"/>		
2.11 No. of meetings with various stakeholders:	No.	<input type="text" value="02"/>	Faculty <input type="text" value="05"/>
	Non-Teaching Staff	<input type="text" value="02"/>	Students <input type="text" value="02"/>
	Alumni	<input type="text" value="02"/>	Others <input type="text" value="05"/>
2.12 Has IQAC received any funding from UGC during the year?	Yes	No	
	If yes, mention the amount	<input type="text" value="Rs. 5,00,000"/>	<input type="text" value="√"/> <input type="text"/>
2.13 Seminars and Conferences (only quality related)			

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

Total Nos.	<input type="text" value="20"/>	International	<input type="text" value="00"/>	National	<input type="text" value="11"/>	State	<input type="text" value="03"/>	Institution Level	<input type="text" value="06"/>
------------	---------------------------------	---------------	---------------------------------	----------	---------------------------------	-------	---------------------------------	-------------------	---------------------------------

(ii) Themes

- Social Empowerment.
- Office Efficiency Enhancement Programme.
- Bio-technology awareness amongst students .
- Empowering physical Education personnels through sport science.
- Innovative Experiments in Physics.
- Financial Correction and Implications for Indian Economy.
- MATLAB (Big Data Analysis)
- Cartography and GIS

2.14 Significant Activities and contributions made by IQAC

- All workshops/seminars/conferences have been organized through IQAC.
- IQAC organized and conducted successfully the NAAC visit.
- IQAC facilitated the development of Institutional Infrastructure.
- Academic Audit.
- Green Audit.
- Implement of CBCS.

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
Zero tolerance towards plagiarism; Anti-ragging, Green-Audit; Academic-Audit.	Continuously monitored.
Routing of all workshop/seminar/conference proposals through IQAC	Ensurance of quality in all proposals.
Transparent and Quality Assured System for requirement of Guest Faculty Structured.	Implemented.
Feedback mechanism from major stake holders in operation	Implemented.

\* Attach the Academic Calendar of the year as Annexure. (Annexure I)

2.15 Whether the AQAR was placed in statutory body      Yes       No

Management       Syndicate       Any other body

Provide the details of the action taken

After a thorough appraisal duly approved

## Part – B

### Criterion – I

#### I. 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	29	01	09	01
PG	41	00	14	05
UG	10	00	09	08
PG Diploma	05	00	01	02
Advanced Diploma	00	00	00	00
Diploma	01	00	01	01
Certificate	02	00	00	00
Others	35	00	09	26
<b>Total</b>	103	01	43	43
Interdisciplinary	05	01	02	02
Innovative	05	00	00	00

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	65
Trimester	01
Annual	06

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 (Annexure II)*

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

Syllabi being modified by respective Board of Studies in accordance with credit system

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

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
	74/48	54/14	27/04	-

2.2 No. of permanent faculty with Ph.D.

62

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
00	24	00	40	00	23	00	00	00	87

2.4 No. of Guest and Visiting faculty and Temporary faculty

89

12

7

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	2	98	46
Presented papers	8	101	47
Resource Persons	5	78	41

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

- Creation of three major centres having various programmes of interdisciplinary nature focusing also on the development of soft skills e.g. Design Innovation Centre Skill Development Centre & Community College.
- Project work/field survey/action research programmes in course content.
- University Vision Document created and post in public domain for wide circulation and feed back.

2.7 Total No. of actual teaching days

207

during this academic year

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

- Online examination management system
- Online evaluation as pilot study e.g. BCA
- E-payment of evaluation work

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop	33	19	18
---	----	----	----

2.10 Average percentage of attendance of students	75%
---	-----

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
UG	23897	2%	25%	40%	33%	69.99%
PG	7975	1.5%	40%	33%	25.5%	74.89%
Other	3540	-----	25%	40%	35%	76.12%

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

All research proposals are routed through IQAC. Feedback from major stakeholder analysed and suggestion offered to the concerned Departments. Evaluative and corrective programmes organized by IQAC from time to time.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	09
UGC – Faculty Improvement Programme	03
HRD programmes	00
Orientation programmes	03
Faculty exchange programme	00
Staff training conducted by the university	02
Staff training conducted by other institutions	00
Summer / Winter schools, Workshops, etc.	18
Others	25

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	414	42	-	-
Technical Staff	138	34	-	-

## Criterion – III

### 3. Research, Consultancy and Extension

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

- Encouragement of quality publications (indexed) by students and faculty.
- Encouragement to organize National/International level research activities.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	02	13	01	02
Outlay in Rs. Lakhs	30.84630	170.45450	1.50	00

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	01	00	01
Outlay in Rs. Lakhs	50.14111	7.83286	00	00

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	92	99	17
Non-Peer Review Journals	06	43	03
e-Journals	37	18	00
Conference proceedings	09	31	04

#### 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	3-5	DST, INTAC, UGC, HRD, MPCST, MPBC, ICSSR, ICHR, IXSSR	1,71,30,716	1,40,88,012
Minor Projects			00	00
Interdisciplinary Projects			00	00
Industry sponsored			00	00
Projects sponsored by the University/ College			00	00
Students research projects <i>(other than compulsory by the University)</i>			6,98,020	9,02,980
Any other(Specify)			00	00
Total			1,78,28,736	1,49,90,992

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  
Autonomy  CPE  DBT Star Scheme   
INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences  
organized by the Institution

Level	International	National	State	University	College
Number	00	11	03	05	01
Sponsoring agencies	00	05	00	01	00

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	01
	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
04	03	01	00	00	00	00

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

94

462

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

259

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

JRF

22

SRF

2

Project Fellows

6

Any other

18

3.21 No. of students Participated in NSS events:

University level

5

State level

5

National level

-

International level

-

3.22 No. of students participated in NCC events:

University level

20

State level

2

National level

10

International level

2

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

-

State level

-

National level

-

International level

-

3.25 No. of Extension activities organized

University forum

25

College forum

5

NCC

3

NSS

-

Any other

10

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

- Organization of language lab for tribals.
- Skill-improvement of class III employees.
- Training of school children in sports activities of tribal childrens.

## Criterion – IV

### 4. Infrastructure and Learning Resources

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

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	30302 Sq.mt.	04	UGC & Block grant	30302 Sq.mt.
Class rooms	91 Sq.mt.	04	UGC & Block grant	95 Sq.mt.
Laboratories	51 Sq.mt.	02	UGC & Block grant	53 Sq.mt.
Seminar Halls	36 Sq.mt.	03	UGC & Block grant	39 Sq.mt.
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	61	561	-	622
Value of the equipment purchased during the year (Rs. in Lakhs)	376.6	38.53	UGC	415.13
Others	-	-	-	-

#### 4.2 Computerization of administration and library

- Full automation of University Central Library
- Wi-Fi Campus.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	182102	3147000	4105	175000	184501	3197000
Reference Books	30720	1127000	1125	115000	31294	1277000
e-Books	5	-	-	-	5	-
Journals	924	-	65	-	989	-
e-Journals	25006	-	-	-	25001	375000
Digital Database	-	-	-	-	-	-
CD & Video	280	500	-	-	250	20000
Others (specify)	20000	-	-	-	20000	-

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	260	32	25	19	05	10	24	01
Added	51	02	03	02	01	02	00	01
Total	311	34	28	21	06	12	24	02

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

- Internet facility is provided via High bandwidth to teachers, students, administrative staff and Central library by the University Computer Centre
- Access to e-journals and books through online portals
- IT awareness programmes are regularly conducted for students.
- Strengthening ICT and computational skills by applying languages and software viz. SPSS, SAS, Visual Basics, Oracle, Java, MULTISIM, LABVIEW and MATHEMATICA
- Access to virtual library and Bioinformatics tools

4.6 Amount spent on maintenance in lakhs :

i) ICT	1.14
ii) Campus Infrastructure and facilities	44.9
iii) Equipments	24.0
iv) Others	14.7
<b>Total :</b>	<b>84.7</b>

## Criterion – V

### 5. Student Support and Progression

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

The IQAC has been at pains to spread awareness amongst students regarding the support services provided by the Institution through the official University website, display boards on the Campus and general interactive sessions conducted in each Department at the beginning of each session. Some of the prominent Student Support Services available on the Campus are:

- Computer education and tutorials for competitive exams
- Sport and gym facility for students
- Medical facility for students including Ayurvedic and Homeopathic therapies
- Collection, maintenance and preservation of manuscripts and antiques of historical importance
- Vocational, Psychological and Legal counselling
- Remedial classes to ST/SC/OBC for competitive examinations
- Environment consciousness through plantation, plastic-free zone
- Assisting students with placements/foreign fellowships
- Creation of University student Data Base.

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

- Departmental Council regularly keeps a track on attendance, regularly interact with the students and address their grievances, provide counselling at the time of admission to help them to select subjects and after examination in job placements
- Their placement records are kept in the departments
- The remedial coaching centre regularly keeps a track on the fate of competitive examination of ST/SC/OBC students
- Environment audit team regularly keeps record of plantation, water and air parameters and effective cleanliness in the campus
- The curator keeps a record of all antique items and manus, cripts in original as well as in digital formats
- Data base of student progression being prepared

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
633	633	505	318

(b) No. of students outside the state

94

(c) No. of international students

Nil

Men	No	%	Women	No	%
	1230	58		14870	42

No	%
14870	42

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
891	192	113	428	11	1635	636	212	424	848	--	2120

Demand ratio  Dropout %

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

In the Merged scheme of the UGC XI Plan, grant of Rs 2.15 crores is being utilized for:

- Coaching classes for SC/ST/OBC students
- Special classes for NET and UPSC coaching
- Informal consultancy for job placements
- Skill development in collaboration with Tata Institute of Social Sciences

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

- Regular counselling sessions with students and parents for selection of subjects
- For dissertation and project work extensive interaction with resource persons
- University Career, Guidance, Counselling, Training and Placement Cell regularly conducts programmes in the above regard.

No. of students benefitted

#### 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
04	186	06	-

#### 5.8 Details of gender sensitization programmes

- Well established Women Anti-harassment cell in the University
- Women Studies and Research Centre for empowering women by providing value added and job oriented programmes
- At the beginning of each session lady professors visit every Department to counsel girl students regarding gender issues and their rights.

## 5.9 Students Activities

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

State/ University level  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	-	-
Financial support from government	173	543823
Financial support from other sources	5	-
Number of students who received International/ National recognitions	15	192000

### 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: \_\_\_\_\_1\_\_\_\_\_

## Criterion – VI

### 6. Governance, Leadership and Management

#### 6.1 State the Vision and Mission of the institution

**Vision** – Creating an ideal society and an intellectual domain that initiates, nourishes and perpetuates values of humanity, conscious co-existence and achievement of excellence.

**Mission** – To provide quality education, develop human resources and improve literacy and socio – economic status of society as a whole in general and deprived sections of our society in particular

#### 6.2 Does the Institution has a management Information System

Yes,  
Website, e-mail, SMS

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

##### 6.3.1 Curriculum Development

- UGC, NCTE, AICTE, BCI, PCI guidelines are strictly followed
- Departmental Council discusses curriculum and delivery mechanisms from time to time
- Regular Board of Studies (BOS) are conducted to update syllabi
- Integrated programmes, Real life projects, On-job training assignments
- Simulated practical assignments
- Credit system adopted for all UTD

##### 6.3.2 Teaching and Learning

- Remedial classes are conducted for SC,ST, Minority and weak students
- Regular training sessions are conducted for teachers, students and administrative staff in computer applications e.g. MS Office, SPSS, GIS, Visual Basic etc.
- Protocol based training
- Problem solving, Case study analysis, Seminars and Workshops
- Field teaching, Micro-teaching
- Data mining
- Field trips and practice
- Smart classes in operation in every Department of the University.

### 6.3.3 Examination and Evaluation

- CCE and Class test/Seminars/Assignments/Projects for hand-on training
- Repeated internal tests with access to the answer scripts to the students
- Re-totaling and Revaluation
- Online evaluation as pilot case study in BBA

### 6.3.4 Research and Development

- Counseling sessions for Doctoral research students regarding fruitful areas of research
- Training research scholar for writing quality research papers to make significant impact at National/International Conferences
- Imparting skills of writing standard doctoral/post-doctoral theses
- Publication of scholarly papers/review of literature
- Training regarding research project formulation /execution
- Training for substantive participation in academic meetings
- Training in how to engage in participative ventures with other research institutions and industries
- Awareness about Plagiarism
- rigorous implementation of UGC guidelines regarding research output, training and guidance of students and screening of research guide

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

- Digitization of records
- Cataloguing and Computerization
- Bar Coding
- Multimedia projectors
- Maintenance of equipments
- INFLIBNET
- Full automation of Central Library and automation of Departmental libraries in progress.
- Quantum jump in infrastructure improvement basic facilities for women, provision of cyber cafe in campus, smart class room in every Department.

### 6.3.6 Human Resource Management

- Job guidance and Liaison,
- Efficient and timely disposal of files by administrative and technical staff
- Interaction with visiting scholars, civil society and industrialists
- Computational skill development among administrative staff
- Skill development in Financial Management System
- Skill development in Management Information System
- Job oriented courses

### 6.3.7 Faculty and Staff recruitment

- Global advertisement of vacant faculty positions
- Appointment is done through statutory selection committee
- The regulations laid by UGC, AICTE, NCTE, MCI etc. are rigorously followed
- The reservation policy of the State Govt. is strictly adopted
- Recruitment of guest faculty through a rigorous and transparent process of selection based on merit including inculcation of UGC API scores category III and MP State Govt. norms.

### 6.3.8 Industry Interaction / Collaboration

Internship in

- Judiciary
- Local, Regional and National industries
- Media
- On-line evaluation in BBA at pilot scale

### 6.3.9 Admission of Students

Online admission by

- All India Entrance tests
- Merit

Allocation of subjects through counseling

### 6.4 Welfare schemes for

Teaching	Insurance/Medical, Teachers welfare fund
Non teaching	Insurance/Medical, Employees Cooperative Society
Students	Waiving of Self finance fee for meritorious students Round the Clock Health Facility

6.5 Total corpus fund generated

00

6.6 Whether annual financial audit has been done

Yes

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Legislative Assembly,	Yes	IQAC* and VC
Administrative	Yes	Resident Govt. Auditor, State Govt. (Finance)	Yes	Finance Controller deputed by State Govt.

6.8 Does the University/ Autonomous College declare 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 Examinations and admission related examinations through M.P. Online portal
- Examination fee payments either online or through Bank Challan System
- Online retrieval of mark sheet under process
- Choice Based Credit system been introduced
- Conduct of exams as per schedule and timely declaration of results
- Examination Management Information System is being introduced
- Electronic retrieval of CCE and Practical marks
- Question papers are modular comprising of Multiple Choice, Short- and Long-Answer type questions
- Answer books are accessible to examinees and redressal of their grievances.

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

- The University promotes colleges for autonomy according to prescribed rules and regulations
- The University has seven (7) autonomous colleges affiliated to it
- Three autonomous colleges were awarded CPE by the UGC

### 6.11 Activities and support from the Alumni Association

- Feedback questionnaire
- Job placements and internships
- Strengthening of infrastructure and student support
- Help in Student's placement & Jobs
- Linkage of Industries & University
- Monitor the quality of content & delivery of mechanism of curricula
- Visitors Register

### 6.12 Activities and support from the Parent – Teacher Association

Provides -

- Appraisal of students' performance
- Feedback on quality of curricula
- Job placements and internships
- Workshop and Poster presentation for parents for admission related queries

### 6.13 Development programmes for support staff

- Support staff is asked to participate in Intra-University Training programmes
- Interaction meets
- Skill development in communication and computational techniques
- Informal engagement of technical staff in mainstream research activities

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

- Maintenance and Development of Gardens in the Campus
- Adoption of local villages as a pilot project under Design Innovative Centre
- Creation of Bio-degradable and waste disposal pits in different location in the campus
- Maintenance of granary on a regular basis under NSS
- Waste management
- Ethnic Artwork
- Plastic-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.

- Digital evaluation of BCA answer sheets as a pilot project
- Digitization and automation of Library resources
- Common Facility for Seminars, Symposia and other interactive activities of University departments been constructed
- New proposals for Community College and Design Innovative Centre programmes are in process
- Realizing lack of specialized common facility for women, a full fledged complex was envisaged

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

- Digital evaluation of BCA Result has been successfully conducted. The university envisages the same mode of evaluation in some more UG Programmes
- All the library records (both central and departmental libraries) have been automatic and are linked to the university website
- Already for science departments such facility has been created which is already functional; and for Arts subjects the facility is ready for handover
- The Community College and Design Innovative Centre are already operational as per their respective objectives
- A Common Women Facility dedicated to provide avenues for internet café, gym and a food corner has already been constructed in the campus

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

Please see Annexure 4

7.4 Contribution to environmental awareness / protection

- Regular Environmental Auditing
- Plantation, Clean Campus drive, Water saving awareness
- Avoidance of plastic goods

7.5 Whether environmental audit was conducted? Yes  No

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

SWOT Analysis

Please see Annexure 6

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

1. UIT to be established
2. Institute of Pharmacy to be established
3. Institute of Tribal Studies to be established

Name PROF ANJANA SHARMA

Name PROF ALKA NAYAK

  
Signature of the Coordinator, IQAC

**Co-ordinator  
IQAC, RDVV  
Jabalpur**

  
Signature of the Chairperson, IQAC

**VICE-CHANCELLOR.**  
Rani Durgavati Vishwavidyalaya  
(Formerly University of Jabalpur)  
JABALPUR (M. P.) - INDIA.

\*\*\*

प्रस्तावित अकादमिक कैलेंडर सत्र 2015-16  
(समस्त कक्षा के लिए प्रभावशील)

अकादमिक कार्य	प्रथम/तृतीय/पंचम सेमेस्टर	द्वितीय/चतुर्थ/षष्ठ सेमेस्टर
आरंभिक कक्षाएं/शून्य / कक्षाएं/स्वात विश्लेषण	01 जुलाई से 11 जुलाई 2015 (10 कार्य दिवस)	
शैक्षणिक एवं संतत समग्र मूल्यांकनकार्य	13 जुलाई से 07 नवम्बर, 2015	01 जनवरी से 23 अप्रैल 2016 (98 कार्य दिवस)
सी.सी.ई. कार्य	सितम्बर द्वितीय सप्ताह	मार्च द्वितीय सप्ताह
परीक्षा पूर्व तैयारी अवकाश	14 नवम्बर से 16 नवम्बर, 2015 (कुल तीन दिवस)	24 मार्च से 26 अप्रैल, 2016 (कुल 03 दिवस)
प्रायोगिक परीक्षाएँ (स्नातक एवं स्नातकोत्तर कक्षाएं)	15 अक्टूबर से 05 नवम्बर, 2015 के मध्य (03 कार्य दिवस)	25 मार्च से 11 अप्रैल, 2016 के मध्य (03 कार्य दिवस)
सेमेस्टर एवं एटीकेटी परीक्षा	17 नवम्बर से 21 दिसम्बर, 2015	27 अप्रैल से 26 मई, 2016
परीक्षा परीणामों की घोषणा	31 दिसम्बर 2015 तक	15 जून 2016 तक
सेमेस्टर अंतराल (ब्रेक) विद्यार्थियों के लिए	22 दिसम्बर से 31 दिसम्बर 2015 (10 दिवस)	27 मई से 30 जून 2016 (35 दिवस)
सेमेस्टर अंतराल (ब्रेक) शिक्षकों के लिए	22 दिसम्बर से 31 दिसम्बर 2015 (10 दिवस)	27 मई से 15 जून 2016 (20 दिवस)

● छात्र संगठन	: अगस्त/सितम्बर-2015
● खेलकूद/युवा उत्सव/अन्य गतिविधियाँ (एक सप्ताह)	: माह अक्टूबर 2015
● दीपावली अवकाश	: 08 नवम्बर से 13 नवम्बर तक
● वार्षिकोत्सव/पुरस्कार वितरण	: फरवरी अंतिम सप्ताह/मार्च प्रथम सप्ताह, 2016 (अधिकतम 04 दिवस)
● एवं वार्षिक पत्रिका का प्रकाशन एवं विमोचन	

## टीप:-

- (1) अपरिहार्य कारणवश शैक्षणिक कार्य निर्धारित मानक दिवसों से कम होनेकी दशा में, महाविद्यालय/वि.वि. स्तर पर शैक्षणिक कालखण्डों की अवधि में आवश्यकतानुसार वृद्धि कर शैक्षणिक दिवसों की पूर्ति की जावे ताकि अकादमिक कैलेंडर का पालन समयानुसार सुनिश्चित किया जा सके।
- (2) स्नातक एवं स्नातकोत्तर प्रथम सेमेस्टर के अतिरिक्त अन्य सभी कक्षाओं में प्रवेश हेतु मार्गदर्शी सिद्धांत (प्रवेश हेतु मार्गदर्शी सिद्धांत (2015-16) में उल्लिखित प्रवेश नवीनीकरण प्रक्रिया का अपनाते हुए शैक्षणिक कार्य प्रारंभ सुनिश्चित किया जावे।
- (3) सेमेस्टर अंतराल (ब्रेक) के दिवसों में एनएसएस/एनसीसी/के शिवरो के आयोजन को प्राथमिकता प्रदान की जावे ताकि कार्य दिवसों का मानक लक्ष्य यथावत बना रहे। सक्षम अनुमति प्राप्त कर अकादमिक पर्यटन/दूर/समीनार/कार्यशाला/संगोष्ठी/प्रशिक्षण कार्यक्रम भी इसी दौरान आयोजित किये जावे।
- (4) स्नेह सम्मेलन वार्षिकोत्सव, पुरस्कार वितरण एवं वार्षिक-पत्रिका का प्रकाशन तथा विमोचन 09 मार्च 2016 के पूर्व कर लिया जावे।  
\*सेमेस्टर अंतराल में आवश्यकतानुसार महाविद्यालय के प्राचार्य द्वारा शिक्षकों को रोक जा सकेगा।

प्रथम/तृतीय/पंचम सेमेस्टर- कार्य दिवसों की गणना सत्र 2015-16				
क्रमांक	माह	दिवस	अवकाश	दिवस
1.	जुलाई 2015	31	4 अवकाश + 1 अवकाश	26
2.	अगस्त 2015	31	5 रविवार + 2 अवकाश	24
3.	सितम्बर 2015	30	4 रविवार + 2 अवकाश	24
4.	अक्टूबर 2015	31	4 रविवार + 4 अवकाश	23
5.	नवम्बर 2015	30	5 रविवार + 6 अवकाश	19
6.	दिसम्बर 2015	31	4 रविवार + 1 अवकाश	26
	कुल दिवस	184	184-42	142

द्वितीय/चतुर्थ/षष्ठ सेमेस्टर- कार्य दिवसों की गणना सत्र 2015-16				
क्रमांक	माह	दिवस	अवकाश	दिवस
1.	जनवरी 2016	31	5 रविवार + 1 अवकाश	25
2.	फरवरी 2016	29	4 रविवार + 2 अवकाश	23
3.	मार्च 2016	31	4 रविवार + 3 अवकाश	24
4.	अप्रैल 2016	30	4 रविवार + 4 अवकाश	22
5.	मई 2016	31	5 रविवार + 1 अवकाश	25
6.	जून 2016	30	4 रविवार + 0 अवकाश	26
	कुल दिवस	182	182-37	145

सही/-

(एन.सी. तोकाम)

प्रभारी आधुनिक/अपर संचालक(वित्त)  
उच्च शिक्षा, मध्यप्रदेश

रानी दुर्गावती विश्वविद्यालय, जबलपुर

क्रमांक/अकादमिक/2015/3896

जबलपुर, दिनांक 26/06/2015

प्रतिलिपि सूचनार्थ:-

1. सम्बद्ध समस्त महाविद्यालय के प्राचार्यगण ।
2. समस्त विभागाध्यक्ष/संचालक/प्रो.इन.चा. शिक्षण विभाग, रा0दु0वि0वि0, जबलपुर ।
3. सहायक कुलसचिव (गोपनीय/परीक्षा), रा0दु0वि0वि0, जबलपुर ।
4. कुलपति जी के सचिव/कुलसचिव जी के निज सहायक, रा0दु0वि0वि0, जबलपुर ।
5. प्रभारी कम्प्यूटर सेंटर को इस अनुरोध के साथ कि वे विश्वविद्यालय की वेबसाइट पर अपलोड करने का कष्ट करें ।

कुलसचिव,

रानी दुर्गावती विश्वविद्यालय,  
जबलपुर

## **Rani Durgavati Vishwavidyalaya, Jabalpur**

### **Feedback from stakeholders (2014-15)**

The University is aware of its responsibility of promulgating knowledge to the modern society in meaningful and sustained manner. In order to facilitate the process several structured feedback mechanisms from various stakeholders are not only collected but scientifically analysed and results incorporated in decision making:

- Lok Sava Guarantee Yojana is envisaged as per state government rules is being effectively implemented in order to address the grievances from students, parents and alumni.
- C.M. helpline is regularly attended to and complaints are redressed at the earliest.
- UGC anti-ragging helpline is fully functional in the University and complaints are taken care of within a time frame.
- The Recommendation obtained from student and implement about are as follows:
  - Declaration of result in time - Results declared as per Academic Calendar in due time period.
  - More Industry, Institution, linkages to be developed -University-Industry Cell has been activated.
  - Bus service to the University from city and distant places - Metro bus services already operational from city and distant places.
  - Better common rooms for girls - A well developed Common Room for girls already constructed in Basic Facilities for Women Centre.
  - Incorporation of practical problems of business and industry in research orientation of the University - Under progress by University-Industry Cell and Skill Development Centre.
  - Curricular modifications - Periodically done by Board of Studies.
  - Adoption of International Standards in Research and Teaching -Researchers publish the Ph.D. work in international journals of high repute.
  - More campus interviews - In progress by Placement Cell.
  - More student projects to introduce - Being considered actively by all the teaching departments.
  - Canteen facility to introduce - Already exists in Basic Facility for Women Centre.

- Fee structure is not satisfactory - It is nominal and is comparable with the other Universities of M.P.
- More number of class tests to include in curriculum Required number of class tests already included in Curricula.
- The main recommendation obtained from parents and implementation there of are as follows:
  - AC in several departments to repair - Being processed.
  - UG classes in several departments to begin - Already nine UG programmes are running in the campus. Further, recommendations are put before Board of Studies and Faculties for consideration.
  - Appointment of Regular staff in several departments - Advertisement has been made by the University and process is under progress.
  - Diploma and Certificate courses to start - Recommendations are put before Board of Studies and Faculties for consideration.
  - Photocopy machine in several departments to repair - Being processed. Moreover, central photocopying facility is created for students.
  - NET facility in all departments - Being processed in departments which are finding technical difficulties.
  - Removal of unused furniture - Already done.
  - Separate building for some departments - For sharing of resources it is not possible.
  - Regular semester exams and timely results declaration - The Academic Calendar is strictly followed.
  - Introduction of electronic library - Automation of library is under progress.
  - Improvement of teaching gadgets - Installation of eleven smart classes in progress
- The recommendation obtained from Alumni and compliance are as follows:
  - Collaboration with Govt. College for sharing of facility - Already being done.
  - Research outlook of National and International level - Researchers publish the Ph.D. work in international journals of high repute.
  - Better communication with teachers - More student-teacher interaction programmes will be formulated and carried out in future.
  - Guest lectures and brainstorming sessions with eminent scholars - For M.Phil. and Ph.D. students this is regularly being carried out.
  - Conferences to organize - Being pursued actively.

- Botanical Garden to develop - Under progress.
- Pre-admission counseling sessions to introduce - In process.
- Extracurricular activities to include in programmes - Already included in Academic Calendar.
- Vehicle stand for the students to construct - Under progress.
- Dress code in some departments to introduce - For Law, M.B.A. and B.Ed. this exists.
- The University considering the overwhelming demand of student especially from tribal belt is continuing with course such as National University student Skill Development program – NUSSD. The University is one amongst the 9 national institutions and the only institutions from M.P. identified for the NUSSD, by Government of India.
- The University is continuing with once a month "Jan Sunwai" programm under the mandatory regulations of state/central government. The success of the program is unprecedented and students are highly satisfied with the out come of the program.

## Rani Durgavati Vishwavidyalaya, Jabalpur

### Academic Audit Report 2014-15

S.No.	Name of Department	Cumulative Grade
1.	Department of P.G. Studies & Research in Physical Education	A
2.	University Institute of Management	A
3.	Department of P.G. Studies & Research Bio Sciences	A
4.	Department of P.G. Studies & Research in Chemistry and Pharmacy	A
5.	Department of P.G. Studies & Research in Physics and Electronics	A
6.	Department of P.G. Studies & Research in Mathematics and Computer Science	A
7.	UICSA	A
8.	Department of P.G. Studies & Research in English	A
9.	Department of P.G. Studies & Research in Hindi and Linguistics	A
10.	Department of P.G. Studies & Research in Journalism and Mass Communication	A
11.	Department of Library and Information Science	A
12.	Department of P.G. Studies & Research in Philosophy	A
13.	Department of P.G. Studies & Research in Sanskrit Pali and Prakrit	A
14.	Department of Life Long Learning and Education	A
15.	Department of P.G. Studies & Research in Tribal Studies	A
16.	Department of Yoga	A
17.	Department of P.G. Studies & Research in Economics	A
18.	Department of P.G. Studies & Research in Geography	A
19.	Department of P.G. Studies & Research in Sociology	A
20.	Department of P.G. Studies & Research in A.I.H.C.	A
21.	Department of P.G. Studies & Research in History	A
22.	Department of P.G. Studies & Research in Political Science	A
23.	Department of P.G. Studies & Research in Education	A
24.	Department of P.G. Studies & Research in Law	A

## **Rani Durgavati Vishwavidyalaya, Jabalpur**

### **Best Practices (2014-15)**

#### **1. Title of the Practice :**

Promotion of Excellence through the creation of creative/Innovative Academic structure.

#### **2. Objectives of the Practice :**

Apart from the regular teaching and research activities being carried out in the University Teaching Departments, there is an imperative need to devise creative intellectual structures that augment and embellish the subject matter of academics. Keeping this in view the University has established Centres with the above objective.

#### **3. The Context :**

In order to inculcate a spirit of innovation, excellence, and relevance of research to society at large, the University has brought forward several academic programmes having dimension of intellectual property rights generation and extension activities directly relevant of societal goals with special emphasis on local needs. The resources that have remained under/un exploited due to lack of technological knowhow are to be brought into focus for yielding objective of growth, development and revenue generation.

#### **4. The Practice :**

With the above in regard the University has established three Innovative Centre.

- (i) Design Innovation Centre : the Centre will focus on aspects of design innovation along all dimensions of research being conducted in the University. There is special emphasis on tribal design innovation. Such frontier fields of research as hydroponics, bio-designing, bio-bricks, vertical forests etc. are being promoted by the centre. Several unique courses/programmes are being designed e.g. Doploma/Certificate in Bio-designing/Innovation.
- (ii) Skill Development Centre : The centre operates a full fledged programme under proper MOU with TATA Institute of Social Sciences, Mumbai. Several extremely useful/Job-oriented Certificate/Diploma/Advance Doploma Courses are being conducted by the Centre. The Centre has initiated a Bachelor of Vocational courses followed by master of vocational courses. The University has initiated proceedings for the establishment of University Institute of Vocational Studies and Skill Development the first of its kind in the state of Madhya Pradesh.
- (iii) Community College : As an alternative system of education aimed at empowering the disadvantaged and under privileged section of Society the University has initiated a Community College for development of appropriate skills. Such a College is roofed in the Community setting providing holistic education. All formalities for starting Certificate/Diploma/Advanced Diploma by the college have beeh completed and courses are proposed for 2015-16 academic session. Target student population community members, women etc for employability in Industry and Entrepreneurship.

Rani Durgavati University, Jabalpur

Green Audit Report (2014-2015)

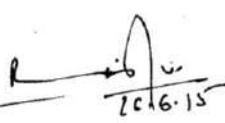
The R.D. University situated in the tribal belt of the state has been doing its best to provide clean, green and safe environment to its students and employees alike. The sprawling campus spread over 99 acres of land in the southern part of civil lines is committed to adopt practices which are not only environment friendly but also operationally feasible and academically sound.

The Environmental Audit Team of the University comprises of the following members –

1. Prof. Y. K. Bansal (Head, Department Of Bioscience)
2. Prof. Kamlesh Mishra (Director HRDC)
3. Prof. R.C. Maurya (Head, Department of Chemistry)
4. Prof. Rakesh Bajpai (Deptt. Of Physics)
5. Dr. Ashok Marathe (Co-Ordinator NSS).

The various activities practised by the University during the year 2014-2015 are as follows

1. Several Departments have separately initiated plantation programme in their territories involving medicinal & other economically important trees. The tree saplings protected with tree guards are being irrigated & attended to regularly. By planting trees nature soaks up that extra CO<sub>2</sub> pollution in the atmosphere, turns it into food & give out O<sub>2</sub> as a waste product. The campus boasts of over 7000 trees of different medicinal uses & types . Cutting of trees in the campus has been strictly for-bidden.
2. Few departments viz Biological science Department are maintaining Biodegradable pits & non-biodegradable pits for disposal of biodegradable & non-biodegradable waste material separately.

   
2016-15

  
16/06/15

3. Adoption of ecofriendly practices like saving energy, maintaining hygiene, cleanliness & sanitation both within as well as outside the Teaching departments & Administrative Office.
4. Decision to create awareness was unanimously taken to protect & conserve natural water bodies present near Chemistry & Biological science Department in form of natural stream & reservoir. A well protected pond present in the Swarn Jayanti Park of the University.

In the longer run such water bodies could be used for activities such as fish farming & maintenance of aquatic microfloras. Such activities would lead to the beautification of the University, bring about academic advancement & possibly generate revenue.

5. Efforts have been on to establish a full fledged Herbal garden to cultivate medicinal plants & trees in the Department of Bioscience of the University. Initial exploratory work has been made in this regard.
6. Researchers have been initiated on the development of technology for producing alternate (to diesel) green fuel i.e. Biofuel viz Guizotia abyssinica Promising initial results have been obtained in the Bioscience Department in the direction of raising tissue cultured plantlets, which have been successfully transferred to field conditions.
7. Works on Bioremediation of harmful/xenotoxic chemical compounds in the atmosphere through microbes has been taken up in the Department of Bioscience, R.D. University & promising initial results obtained.
8. Researches on humus production & pollution abatement have also been initiated in the Department of Bioscience, R.D. University.
9. Environmental consciousness has been advocated at the level of student, employees & everyone in order to save energy & make the University campus clean, green, environment friendly & amenable for academic & scientific activities.
10. A 2 days National Conference was jointly organized by Department of Bioscience & UIMC, RDVV on "Water Resource Management : Challenges & opportunities" on 20 & 21 January 2015 with deliberations on issues relating to conservation & sustainable utilization of water resources as an important fact of environmental management.

Page 2

 R. D. V. V.  
16.6.15

3   
16/06/15

11. A one day symposium on "Swine flu: Causes & Remedies" was organized by the Department of Bioscience on 19.02.2015 to create awareness about swine flu outbreak & measures to prevent & control it.
12. Environmental problems were addressed in the 2 day "Intercollegiate Competitive Events on Biotechnology" sponsored by MPBC, Bhopal on March 30-31, 2015. The programme was organized in the Department of Bioscience & was meant for B.Sc., M.Sc. & M.Phil students. Problems relating to environmental issues were depicted through debate, model, posters & oral presentation.
13. **Environmental Management System:-** Environmental management system of R.D. University comprises of water, air pollution & solid waste management system.

**a) Water Management System:-**

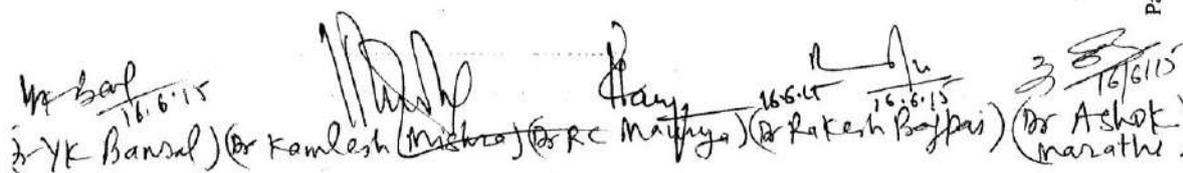
- i) Water supply in campus is regulated by six bores of over 300 feet Depth fitted with 20 hp pumps supplying 7300 KL/month water to University teaching Department & offices, 1200 KL/ month to Boys & Girls hostel & 1600 KL/ month to Staff quarters, respectively.
- ii) Quality of water ensured through determination of physicochemical parameters viz pH, COD, TDS, total hardness, Chloride & Sulphate as well as Bacteriological parameters at different location viz Teaching Department including offices, Hostels & Staff quarters falls well within the acceptable limits of Pollution Control Board.

**b) Air Pollution Management System:-**

- i) Ambient air quality measured in the University campus at different location such as Department of Bioscience, Health Center & Arts block has been found satisfactory.
- ii) Air Pollution Control Measures (APCM) have not been adhered to as the samples are by & large free from air pollution.

**c) Solid waste Management System:-**

- i) Solid waste together with waste water (sewage) is duly disposed of through sewage treatment plants viz septic tanks & soak pits which are subjected to cleaning at regular intervals.



**Rani Durgavati Vishwavidyalaya, Jabalpur**

**IQAC – SWOT Analysis (2014-15)**

**Strengths**

- The University was awarded the Design and Innovation Centre after a very tough All India competition in which premier institutions of the country had put in their stake. The Centre is geared towards out-of-the-box researches in the fields of Science, Social Science and Humanities.
- All University faculty members are involved in research activities that are globally and nationally recognized. Thus students have excellent mentors.
- Infrastructural facilities have improved tremendously over the past few years thus providing the perfect setting for research and teaching.
- Digitization of the University Central Library facilitates students and faculty pursue their academic activities.
- Regular 'Jan Sunwais' have developed into one of our major strengths providing at the same time a robust open forum feedback mechanism as well as a trouble shooting system that works efficiently.

**Weakness**

- The institution requires to ensure speedy recruitment of permanent faculty thus reducing its current dependence on adhoc/guest faculty.
- Dependence on state government in matters of administrative approval and lack of real autonomy herein.
- No increase in Block Grants by the State government leading to serious resource crunch.

**Opportunities**

- Having some of the most qualified and peer acknowledged faculty the University is ideally placed to attract students/ researchers from all over the country.
- Situated in a moffussil area the University is ideally located for the thrust on social transformation and development of socio-economically under privileged sections of our society especially tribals.

**Threats**

- The major threat to the University as to almost all state owned Universities and Colleges is the issue of autonomy and academic and administrative latitude.
- Being situated in a socio-economically backward region of the country with the native population not in a position to undertake self financing courses state funding is vital. The same however is getting squeezed day by day.