

# **BUNDELKHAND UNIVERSITY, JHANSI**



## **The Annual Quality Assurance Report (AQAR) 2015-16**

**Bundelkhand University, Jhansi  
The Annual Quality Assurance Report (AQAR) 2014-15**

## Part-A

### 1 Details of the Institution

- 1.1 Name of the Institution Bundelkhand University, Jhansi
- 1.2 Address Line 1 Bundelkhand University  
Address Line 2 Kanpur Road  
City/Town Jhansi  
State Uttar Pradesh  
Pin Code 284 128  
Institution email address [vc.bujhansi@gmail.com](mailto:vc.bujhansi@gmail.com)  
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- 1.3 NAAC Track ID EC/55/RAR/073
- 1.4 Website address [www.bujhansi.org](http://www.bujhansi.org)  
Web-link of the AQAR [https://www.bujhansi.org/pdf/iqac/AQAR\\_2014\\_15.pdf](https://www.bujhansi.org/pdf/iqac/AQAR_2014_15.pdf)

### 1.5 Accreditation Details

Sr. No	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B+		2004	2004-2009
2	2 <sup>nd</sup>	B	2.51	2011	2011-2016
3	3 <sup>rd</sup> Cycle				

- 1.6 Date of Establishment of IQAC January 2009
- 1.7 AQAR for the year 2015-2016
- 1.8 Details of the previous year's AQAR submitted to NAAC after the latest

## Assessment and Accreditation by NAAC

- i. AQAR 2011-12 (27/08/2013)
- ii. AQAR 2012-13 (26/2/2014)
- iii. AQAR 2013-14 (27/6/2015)
- iv. AQAR 2014-15 (21/9/2015)
- v. AQAR 2015-16 (20/6/2016)

### 1.9 Institutional Status

University	√	State	√
Regulatory Agency approved Institution (eg. AICTE, BCI, MCI, PCI)			Yes

Type of Institution

Co-education

Financial Status

Grant in aid + Self Financing

1.10 Type of Faculty /Programme

Arts, Science, Commerce, Law, PEI (Physical Education, TEI (Education), Engineering, Health Science, Management,

Others: Fine Arts, Languages, Agriculture, Ayurved, Architect & Town Planning, and Social Sciences.

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	State
University with Potential for Excellence	00
UGC-CPE	03
DST Star Scheme	00
UGC-CE	03
UGC-Special Assistance Programme	00
DST-FIST	01
UGC-Innovative PG programmes	00
Any other (Specify)	00

UGC-COP Programmes	00
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2.	IQAC Composition and Activities	
2.1	No. of Teachers	18
2.2	No. of Administrative/Technical staff	04
2.3	No. of students	00
2.4	No. of Management Representatives	02
2.5	No. of Alumni	00
2.6	No. of any other stakeholder and community representatives	00
2.7	No. of Employers/ Industrialists	01
2.8	No. of other External Experts	02
2.9	Total No. of members	28
2.10	No. of IQAC meetings held	03
2.11	No. of meetings with various stakeholders:	
	Faculty	02
	Non-teaching Staff	02
	Students	-
	Alumni	-
	Others	-
2.12	Has IQAC received any funding from UGC during the year? if Yes, mention the amount	No
2.13	Seminars and Conferences (only quality related) (No. of Seminars/ Conferences/Workshops/ Symposia organised by IQAC)	02
	Total Nos.	02
	International	-
	National	-
	State	1
	Institution level	2
	Themes	Quality Management Systems Six Sigma

**2.14 Significant activities and contributions made by IQAC are as follows:**

- IQAC is involved in benchmarking/Standards in different sphere of academic and administration
- Proposals for collaborative projects sent to academic, scientific and industrial organisations
- ISO 9001:2008 Certification acquired
- Organised Workshop on NAAC awareness under National Quality Renaissance Initiative

**2.15 Plan of Action by IQAC/Outcome**

After the academic year 2014-15, the IQAC after analysis of current trends at national and regional level recommended the following action plan to enhance the quality in academic programmes and activities.

- a. To improve the quality of teaching, research and examination.
- b. Filling up of the available position, improvement of infrastructure, including construction of building, enhancing laboratory facilities and introduction of credit based system of continuous assessment at least in some departments, maintaining the academic calendar and publishing result in time.
- c. To work out the acceptable mechanism for ensuring timely, efficient and periodic-progressive performance of academic, administrative, research and extension activities on regular basis.
- d. Organize the workshop for the affiliated colleges to encourage them for NAAC accreditation, filling information on AISHEC Portal and establishment of IQAC

**Achievements /Outcome :**

- The University has been recognised as Number One University by the Government of Uttar Pradesh and the university always attempts to keep its benchmarks very high, for example, the Pre-Ph.D courses and mandatory condition of research paper publication has been ensured and implemented.
- Further, on the initiative of IQAC benchmarking standards have been put in place for teaching, research, students support, web policy, e-waste policy, publication policy and institutional-social interface.

**2.16 Whether the AQAR was placed in a statutory body**

The statutory bodies – Academic Council and Executive Council were informed about the preparation of the Annual Quality Assurance Report.

**Part-B**

## Criterion-1

### 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	24	-	10	-
PG	52	-	38	-
UG	35	-	31	31
PG Diploma	01	-	01	01
Advanced Diploma	0	-	-	-
Diploma	01	-	01	01
Certificate	-	-	-	-
Others	-	-	-	-
<b>Total</b>	108			

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

In the curriculum, in addition to core subjects, elective subjects are provided in professional courses and postgraduate courses. Students are free to select the elective subjects as per their area of interest.

#### (ii) Pattern of Programmes:

Pattern	Number of Programmes
Semester	106
Trisemester	Nil
Annual	2

Most of the programmes on campus follow the semester pattern. The affiliated colleges conduct annual examination. The dual system is followed to facilitate proper evaluation and declaration of results.

#### 1.3 Feedback from stakeholders

Alumni	√	Parents	-	Employees	-	Students	√
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## Mode of Feedback

Online	√	Manual	√	Cooperating Schools (for PEI)	N.A.		
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- 1.4 **Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.**

Minor changes have been made in the syllabi of professional courses i.e. Engineering, Management, Law, Computer Applications to make them at par with leading management and technical institutions.

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

No

## Criterion-II

### 2. Teaching, Learning and Evaluation

- 2.1 Total No. of Permanent faculty

Total	Astt. Prof	Associate Prof	Professor	Others
49	28	14	7	0

- 2.2 No. of permanent faculty with Ph.D. 49

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

Asst. Professor		Assoc. Professor		Professors		Others Self Finance Scheme		Total	
R	V	R	V	R	V	R	V	R	V
28	-	9	5	5	4	221	24	243	33

- 2.4 **No. of Guest and Visiting Faculty and Temporary faculty**

Teaching Assistants - 111

2.5 **Faculty participation in conferences and symposia:**

No. of Faculty	International level	National level	State level
Attended Seminars / Workshops	41	89	101
Presented papers	17	97	87
Resource Persons	0	0	11

2.6 **Innovative process adopted by the Institution in Teaching and Learning**

- The University server got upgraded with back up
- Emphasis on use of ICT tools for teaching learning.
- ERP modules implemented for affiliation, RTI, payroll and finance
- All the academic and administrative process was made totally online
- The digitization of old records and made online for verification
- Modern educational technologies in teaching, such as multimedia teaching have been strengthened. All the departments have been provided with computers and Internet facilities so that key can will ICT enabled services of Teaching and Learning.
- Emphasis is given to presentation and seminars to ensure total development of the students.

2.7 **Total No. of actual teaching days during this academic year :** 180 days

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

Onscreen evaluation initiated in Engineering and Education subjects.

The process of Examination to results was made online.

Sessional Examinations were based on multiple choice questions

We have been using OMR (Optical Mark Reader) Answer Sheets for Conducting University Examination.

Bar Coding has been implemented to ensure transparency and efficient evaluation. The sessions comprise of Multiple Choice Questions in most of the courses.



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

More than 80% of the faculty directly or indirectly are involved for above purpose as most of them are members of **Boards Of Studies**.

2.10 **Average percentage of attendance of students : 77%**

2.11 **Course/Programme wise distribution of pass percentage - Result Awaited**

Sr. No	Title of the Programme	Total Students appeared	Division				
			DIST %	I %	II %	III%	PASS%
1.	B. Sc. (Maths group)						
2.	M. Sc. Chemistry						
3.	M. Sc. Botany						
4.	M. Sc. Physics						
5.	M. Sc. Zoology						
6.	B. Sc. Biochemistry						
7.	M. Sc. Biochemistry						
8.	B. Sc. Biotechnology						
9.	M. Sc. Biotechnology						
10.	B.Sc. Microbiology						
11.	M. Sc. Microbiology						
12.	B. Sc. (Forensic Sc.)						
13.	M. Sc. (Forensic Sc.)						
14.	M. Sc. Environmental Biotechnology						
15.	B. Sc. Geology						
16.	M. Sc. Geology						
17.	B. Sc. Food Tech						
18.	M. Sc. Food Tech						
19.	B.C.A.						
20.	B. Sc. (M/S/C)						

21.	M.Sc. (Mathematics)						
22.	M. Sc. (Stats)						
23.	M.C.A.						
24.	B. Sc. (H.S.)						
25.	M. A. (H.S.)						
26.	M. Sc. (F.N.)						
27.	M. Sc. (HDFS)						
28.	B. A. (Mass Commu. & Jou.)						
29.	M. A. Mass Comm.						
30.	B.F.A. (Drawing & Plainting)						
31.	B.F.A. (Commercial Art)						
32.	M. A. Drawing & Painting						
33.	M.F.A.						
34.	M. A. English						
35.	M. S. W.						
36.	B. Lib.						
37.	M. Lib.						
38.	B. Tech (Mechanical Engg.)						
39.	B. Tech (Computer Sc. Engg.)						
40.	B. Tech (Food Technology)						
41.	B. Tech (Biotechnology Engg.)						
42.	B. Tech (Elec. & Com)						
43.	B. Tech (Biomedical Engg.)						
44.	B. Tech (Instrumentation)						

45.	B.Arch.						
46.	B. Ed.						
47.	M. Ed.						
48.	M. A. Education						
49.	B.P.E.						
50.	B. P. Ed.						
51.	B.P.T.						
52.	D. Pharma						
53.	B. Pharma						
54.	M. Pharma						
55.	M. Pharma (Pharmacognosy)						
56.	B. Sc. Biomedical Science						
57.	M. Sc. Biomedical Science						
58.	B. Sc. (Ag.)						
59.	M. Sc. (Ag.) Extension						
60.	M. Sc. (Ag.) Agro Forestry						
61.	M. Sc. (Ag.) Agronomy						
62.	M. Sc. (Ag.) Horticulture						
63.	M. Sc. (Ag.) Seed Tech						
64.	M. Sc. (Ag.) Genetics &Pl. Brdng.						
65.	M. Sc. (Ag.) Plant Protection I						
66.	M. Sc. (Ag.) Entomology						
67.	M. Sc. (Ag.) Plant Pathology						
68.	M. Sc. (Ag.) Soil Sc. & Ag. Chemistry						

69.	M. Sc. (Ag.) Economics						
70.	B.H.M.CT						
71.	B.B.A. (Tourism)						
72.	M.B.A. (TOURISM)						
73.	B.B.A.(Hons)						
74.	M.B.A.						
75.	M.B.A. (I.B.)						
76.	B. Com. (H.)						
77.	M.Com.						
78.	M.B.A. (FM)						
79.	M.F.C.						
80.	M.A.E.						
81.	B.A. L.L.B.						
82.	L.L.B.						
83.	L.L.M.						

**2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching and Learning Process**

IQAC acts as Co-ordinator/facilitator in different teaching learning process. It keeps constant vigil on smooth implementation of academic calendar of the University.

**2.13 Initiatives undertaken towards faculty development**

<b>Faculty / Staff Development Programmes</b>	<b>Number of faculty benefitted</b>
Refresher courses	18
UGC - Faculty Improvement Programme	7
HRD Programmes	00
Orientation programmes	11
Faculty exchange programme	00
Staff training conducted by the university	41
Staff training conducted by other institutions	00
Summer / Winter schools, Workshops, etc.	21
Others	17

## 2.14 Details of Administrative/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	184	48	00	00
Technical Staff	8	2	00	00

## Criterion-III

### 3 Research, Consultancy and Extension

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

Collaborations with various institutions of repute were entered into for facilitating the faculty conduct research in the leading national research labs of CSIR, ICMR, DRDO etc.

Guest lectures were organised for SPSS tools for research methodology

The IQAC counselled the faculty to enhance the research funding and interdisciplinary research. The University initiated towards conducting the Ph.D. through Entrance Test as per the guidelines of the UGC. .

#### 3.2 Details regarding major Projects

	Completed	Ongoing	Sanctioned	Submitted
Number	8	7	-	5
Outlay in Rs.	167 lacs	130 lacs	-	87 lacs

#### 3.3 Details regarding minor Projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	00	-	4
Outlay in Rs.	0.46 lacs	00	00	4.5 lacs

### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	97	197	77
Non-Peer Review Journals	00	00	00
e-Journals	00	00	00
Conference proceedings	27	171	76

### 3.5 Details on Impact factor of publications

Range	3-7	Average	3.0	h-index	27	Nos. In SCOPUS	0
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### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration in Years	Name of the funding Agency	Total grant sanctioned	Received
Major projects	3 years	UGC, New Delhi	12.68	12.68
	2 years	UGC, New Delhi	6.00	6.00
	3 years	DST	46.80	46.80
	2 years	DRDO	10.00	10.00
	3 years	DST	20.99	20.99
	3 years	DST	20.00	20.00
Minor Projects	1 year	UPPCB	6.0	6.00
Total			122.38	122.38

### 3.7 No. of Books published

With ISBN No	11	Chapters in Edited Books	36	Without ISBN No	17
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### 3.8 No. of University Departments receiving funds from

UGC-SAP	03	DST-FIST	05	DBT Scheme/Funds	02
CAS	00	ICSSR	1	ICMR	1
CSIR	1				

3.9 For Colleges NA

3.10 Revenue generated through consultancy Nil

3.11 **No. of conferences organized by the Institution**

Level	International	National	State	University	College
Number	02	17	02	10	0
Sponsoring Agency	UGC	UGC	UGC	UGC	-

3.12 No. of faculty served as experts, chairpersons or resource persons  
29

3.13 No. of collaborations

International	00	National	09	Any other	02
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3.14 No. of linkages created during this year

07

3.15 Total budget for research for current year  
From Funding Agency

UGC	65.64	Non-UGC	53.68	Total	119.32
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3.16 No. of patents received this year

**No. of patents received this year**

Type of Patent		Number
National	Applied	03
	Granted	02
International	Applied	-
	Granted	-
Commercialized	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
27	02	19	03	03	01	00

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

Ph.D Guides= 187

\*\* As per the guidelines of UGC, the Ph.D. registration during 2011-2013 were withheld. The University started the Ph.D. as per revised guidelines during 2013-14.

3.19 No. of Ph.D. awarded by faculty from the Institution = 5

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

UGC JRF	02	SRF	00	Project Fellows	05	Non UGC JRF	00
Other Scholarships	04						

3.21 **No. of students Participated in NSS events**

University Level	State Level	National Level
1297	47	10

3.22 **No. of students participated in NCC events**

117
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3.23 No. of Awards won in NSS

University Level	State Level	National Level
11	03	00

3.24 No. of Awards won in NCC

02
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### 3.25 No. of Extension activities organized

University Forum	31	College Forum	21	NCC	7
NSS	67	Any Other	15		

Activities like blood donation, AIDS awareness, Environment Protection, Female feticides, Tree Plantation, etc. have been organised by the affiliated colleges as well as campus units activities. Many colleges have organised National Special 7 Days Camps. In these camps, the NSS volunteers have approached the local people and made them aware about social concern and responsibility.

### 3.26 Major Activities during the year in the sphere of Extension Activities and Institutional Social Responsibility.

- The University has entered into several MOUs with different organisations/institutions for collaborative research and development in mutually agreed areas of academics.
- The Institute of Social Science and the NSS unit organised programme on HIV/AIDS, Domestic Violence etc.,
- The Training and Placement Cell of the University organised workshop on personality, ability, aptitude and assessment of mental health.
- The OPD facility by the Department of Physiotherapy are offered to the general public of in and around the University.
- The NSS unit of this University regularly organized awareness camp on socially like female festicide, dowry, HIV/AIDS etc. for general welfare of the society
- Health Check up camps for women for cervical cancer was organised in collaboration with Railway Hospital.
- The University has entered into several MOUs ICSR, ICMR, DRDO and other leading institutions for collaborative research and development in mutually agreed areas of academics.
- The University to foster closer ties with the Corporate World, Industry Association, Government agencies, Multi-lateral bodies and others for the purpose of soliciting consultancy assignments, collaborative research projects and placement activities of the students.

## Criterion -IV

### 4.1 Details of enhancement in infrastructure facilities

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	186 Acre	-	University Funds	186 Acre
Class rooms	259	50		309
Laboratories	39	12		51
Seminar Halls	12	00		12
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	Computers, Lab equipments furniture & fixtures, Water coolers	Computers, Lab equipments furniture & fixtures, student amenities		60 lacs
Value of the equipment purchased during the year (Rs. in Lakhs)	213 lacs	450 lacs		663 lacs
Others	-			

### 4.2 Computerization of Administration and Library

The University Management System and ERP modules have been implemented at academic and administrative level to enhance the efficiency of the administrative and academic system.

The Library is RFID supported. All the processes are online from admissions to declaration of results. The Library records are online.

### 4.3 Library Services

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	141642	71.20	2400	17.45	144042	88.65 lac
Reference Books		lacs		lacs		
e-Books	-	-	-	-	-	-
Journals	78	8.73	-	-	-	8.73 lacs
	UGC-Infonet	lacs				
e-Journals	7311	-	-	-	-	-
CD & Video	-	-	-	-	-	-

#### 4.4 Technology Up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	852	05	All departments and hostel buildings have been covered	05	05	37	All university teaching and research department	
Added	70	02		00	00	00		
Total	932	07		05	05	37		

#### 4.5 Computer, Internet Access, Training to Teachers and Students and any other programme for Technology Up-gradation (Networking, e-Governance etc.)

Computer Education has been made an integral part of academic curriculum for most of the courses as directed by UGC.

The teachers have been provided with computer facility for effective teaching and access to quality study and reference material.

Extension of optical fibre backbone and installation of switches in all departments and administrative buildings have enabled all these departments/

Creation of Wi-Fi hot-spots inside University campus enables students to use internet on laptops and smart phones.

University has also upgraded its Firewall, core switches and internet bandwidth due to the increase in usage of browsing gadgets by the students.

Computers, Internet access, training to teachers and students and other programme for technology up-gradation (Networking, e-Governance etc.)

#### 4.6 Amount spent on maintenance (in lakhs)

ICT and Campus Infrastructure and facilities	Rs. 60 lacs
Equipments	Rs. 15 lacs
Others	Rs. 05 lacs
Total	Rs.80 lacs

## Criterion -V

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

The University has provided all major links on the website for the Student Management System, Feedback System and Grievance Redressal system. All the information on the added and available student support services is provided on the website.

The IQAC has taken initiative to finalize the benchmarking standards for student support services on the campus. Various services have been initiated to maintain health and hygienic environment on campus. Such standardization process duly approved by competent decision making bodies of the university. The support services available are Gym, playgrounds, auditorium, indoor stadium, seminar halls, common rooms, bank and post office, shopping complex, cafeteria, Wi-Fi, and health centre.

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

The IQAC and the Training and Placement Cell of the University facilitates soft and domain specific training for the students to equip and orient them for respective industries and profession. Further, the University has remedial classes and coaching cell that take care of competitive coaching to needy students especially SC/ST/OBC categories with regard to UGC/NET, Civil services, defence services, Bank Pos etc. The database of alumni is also maintained online through weblink.

### 5.3 Total Number of students

UG	PG	Ph.D.	Others
4819	2445	270	79

No. of students from other States=517

No. of international students=00

Men= 4034 Women=3579

Last Year 2014-2015						This Year 2015-2016					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
3559	1498	18	2031	2	7106	3425	1750	11	2423	4	7613

Demand ratio 1:25 Dropout% - 2 - 3%

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

The Placement Cell of the University organises soft skill and communication skill programmes for the students and also overall personality development programmes are organised by this cell to improve the chances of students during campus placements.

University level student support mechanism for coaching for various competitive examinations is available for NET, IAS, SLET, GATE and other examinations for weaker sections of the society.

No. of students beneficiaries Approx.4000

**5.5 No. of students qualified in these examinations**

NET	47	SLET	9	GATE	21	CAT	17
IAS/IPS	05	State PSC	05	UPSC	07	Others	247

**5.6 Details of student counseling and career guidance**

The Training and Placement Cell of the University invites leading career counsellors and other experts to provide career and psychological counselling to students. Career counselling, personality development, awareness programme, community intervention programme, conducting workshops and seminars on psycho-social problems are some of the major objectives of the Cell.

The students are informed about campus drives as well as various openings available in various organisations through email. The information is provided on the common notice boards as well.

No. of students benefitted= **more than 4000 students of professional and allied subjects.**

## 5.7 Details of Campus Placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
12	Approx.4700	200	Approx.127

## 5.8 Details of gender sensitization programmes

The University keeps organizing meetings, workshops and seminars on gender issues quite frequently with the support of Women Study Centre, Woman Activity Centre, Institute of Law and Institute of Social Sciences. The Women Cell consisting of senior Professors/Officers/Social workers/Civil Administration looks after the issues relating to females on the campus.

## 5.9 Students Activities

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

State/University Level	237	National Level	76	Intl Level	00
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No. Of Students participated in Cultural events

State/University Level	287	National Level	31	Intl Level	00
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### 5.9.2 No. of medals/awards won by students in Sports, Games and other events

#### Sports

State/University Level	1 bronze	National Level	00	Intl Level	00
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#### Cultural Activities

State/University Level	1 bronze	National Level	00	Intl Level	00
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### 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	Approx. 4000	-
Financial Support from Rajeev Gandhi Fellowship	34	As per norms

### 5.11 Student organized/initiatives

Exhibitions	5	World Tourism Day	1	Food Tech. Day	1
Earth Day	1	Environment Day	1	Plantation	3
Blood Donation	1				

### 5.12 No. of social initiatives undertaken by the students

Awareness, AIDS HIV	3	Community Health Camp	2	Health Check up	2
Cleanliness	3	Social Justice & Awareness	15	Charity during natural calamities	1

### 5.13 Major grievances of students (if any) redressed

The office of the Dean Students Welfare and the Proctorial Board is responsible for redressal of grievances of students especially relating to safety, discipline, hostel life, classes and laboratory, examinations and results, general hygienic environment on the campus.

The Disciplinary Committee consisting of Procter, Provost and Wardens meets regularly to resolve the issues of boys and girls including hostellers and day scholars. The Wardens make regular visits to the respective hostels and most of the issues are sorted out through regular interaction and as such there is no major issue pending as on today. The grievances are also registered online.

Few of the request made by the students in their feedback are given below

- a Improvement in the Sports Facilities
- b Improvement in the security for girls
- c Better sanitation and drinking water facilities

## **Criterion -VI**

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

#### **Vision**

The University aims to become a world-class institution by tapping human potential to lead the country in changing national, regional and global scenario.

#### **Mission**

To impart quality vocational and scientific education through basic and applied research to foster an ambience of intellectual excitement conducive to discovery of new knowledge; to improve the quality and value of human irrespective of gender, caste, nationality and religion.

### **6.2 Does the Institution has a management Information System (MIS)**

The University has cabled as well wifi campus wide networking which as hundred mpbs speed and all offices/departments/cells/centres/directorate are well connected through LAN. However, the University intends to shift towards intranet system of office working in the near future.

The University has initiated to introduce various ERP modules for efficient MIS support in academic and administrative activities.

The grievances, Biometric attendance, file tracking, student feedback, RTI, payroll etc. are being implemented.

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

#### **6.3.1 Curriculum Development**

The University ensures to nominate professional and practitioner on Board of Studies and Research of University Teaching Departments so as to seek their advice for bridging the gap between theory and practice. This process intends to facilitate the University to enriched and job orientated both in terms of contends and intent.

In the Last five years, the University has undertaken several measures, which can be labelled as best practices in curricular aspects:

The University entered into MOU with leading and renowned organisations to provide technical, conceptual and domain specific training to the students of professional and allied courses.

The University has very liberally promoted the adoption of UGC-sponsored add-on courses which include environmental education, Computer



Education, Ethical Education, human rights and Communication skills.

The University has adopted the semester system in place of the annual system of examination for more effective organization of teaching and evaluation. This includes the introduction of internal assessment on the triple criteria of attendance, testing and assignments/classroom performance.

The syllabi are revised at least once every two years in view of the feedback received from various sources and the changing requirements.

### 6.3.2 **Teaching and Learning**

The University has set up a dozen smart class rooms to enhance the teaching methodology.

The teaching and learning pedagogis consists of lecturing, case study, roll playing, experimentation, group discussions, speech, assignment-presentations and via-voce.

The University is in process of implementing modified Credit Based System, therefore, the teaching learning become a continuous process for assessment and evaluation of students admitted in different programmes. All this make this University unique in terms of teaching and learning process.

- Modern educational technologies in teaching, such as multimedia teaching have been strengthened. Almost all the departments have been provided with computers and internet facilities.
- The faculty is encouraged to use ICT modules and audio visual aids for effective and interactive teaching and learning
- The University has been recognised as Nodal centre by the Ministry of HRD for its mission National Mission on Education through ICT and NPTEL online self learning material is available on the university website for the use of students on campus and affiliated colleges.
- Most of the faculty has been trained in the use of computers, internet and audio visual aids.

### 6.3.3 **Examination and Evaluation**

As per the norms of the University there is a mechanism of 70 :30, in which 70% evaluation is done through major examinations on semester basis and 30% based on continuous evaluation in the form of mid semester test, minor test, classroom seminars, class room quizzes, home assignments, class attendance, viva-voce, field visit etc.

The University has introduced on-Screen Evaluation in some of the departments i.e. Education and Engineering as first phase.

The University has pioneered to digitise all the old examination records for the reference of the students, alumni and verification agencies online.

Scanning of the awards from Answer sheet given by the examiners after evaluating the answer books and finally preparation and declaration of the result with the help of scanner and software.

Surveillance cameras are being installed in all the examination centres for better transparency.

Merit List declared by University is also available on University website

News and Press Release regarding Examination is also available on University website.

To strengthen the invigilation at examination centres, more Flying Squads are sent every session. This has helped in preventing the use of any kind of unfair means to greater extent.

#### 6.3.4 **Research and Development**

The faculty members are encouraged to have individual research projects, intra, University inter institutional research projects funded by different national and international agencies. The faculty members are also encouraged to participate in national and international conferences, seminars, symposia, workshop etc. to have the exposure of latest research developments in their concerned fields and use the same in their teaching and research. The faculty members are given grants to in the form of minor research projects at the University level.

The University has developed an Innovation Centre to house the major equipments. Principal investigators are given full financial autonomy for smooth running of the project.

To ensure quality research the University has conducted the Common Entrance Test for admission in Ph.D. The ordinance and syllabi for the Coursework as per the revised norms of UGC has been developed.

MOUs with leading research organisations have been entered to facilitate the faculty and research scholars undertake research in renowned institutions with best state of the art research equipments.

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

The University has a central library, which is equipped with state of the art ICT facility and more than 92000 books of different fields. The University subscribes online journals from the major international publishers.

The reading area of the University is open around the clock for students.

The University has a Innovation Centre major equipments required for quality research in basic and applied sciences.

Further, the University has 186 acres of total area of which is fully developed that includes 24 Teaching Blocks, three boys hostels, four girls hostels, dedicated indoor stadium, University Health Centre, shopping complex,

Post Office, Bank, Administrative Block etc.

The University has its own Auditorium with three mini seminar halls to run parallel session with a total seating capacity of more than 1000. The University has its play grounds.

The University aims to make best use of ICT tools in teaching learning and evaluation.

The Biometric attendance and surveillance system is being installed.

The science labs and computer labs are being equipped with latest technology.

The campus is being Wi Fi enabled in phased manner. CCTV cameras are also installed at many places. The Central library have been totally computerized.

The University has more than 700 computers installed in offices and computer labs with broadband facility.

The Smart Class Rooms have been developed.

The website has links with leading institutions for provision of self learning material.

The website has links with NKN.

The library has well equipped reference section provided with internet, photocopying and other facilities.

#### 6.3.6 **Human Resource Management**

The human resource management policies of this University are in compliance with UGC regulations and State Govt. guidelines. The appointment and promotions are made in transparent manner and as per defined and notified criterion. The organizational hierarchy of the University is well defined in which the job profile and job description in each and every office is clear to all stakeholders. The governance and administration of the University is professional and also as per the spirit of the Act and Statutes which results into higher level of satisfaction specially amongst the students and scholars and staff of the University.

The faculty is provided opportunities to organize and attend seminars and conferences at national and international level. Grant is provided to fund the travel partially.

Faculty Development programmes are organized to equip the teachers with latest academic and research tools.

### 6.3.7 Faculty and Staff Recruitment

There is a established and transparent procedure for the faculty and staff recruitment in the University, the UGC regulations for staff recruitment are followed in tune with the guidelines.

For Self Finance Scheme positions, budgetary allocations are made in the annual budget and recruitment is made as per the set procedure approved by Competent Bodies.

### 6.3.8 Industry Interaction / Collaboration

The University strongly advocate and promotes university industry linkage for the purpose of solving the technical problems of the industry and creating skilled human resource. The industry people are on Board of Studies of different departments so that their needs can be incorporated accordingly in course curricula and students can be prepared as per market requirement.

The continuous interaction with the Industries is maintained through the Placement cell, by inviting the industry people in the departments, in various conferences, in meetings where we feel that their experience will be helpful to us.

Also from many of the departments students are sent to the industry for projects and hand on experience of the industrial processes.

The faculty is encouraged to do the projects in collaboration with the industry.

### Admission of Students

#### 6.3.9

Admissions of students are done once in a year on the basis of national level entrance test. The reservation policy of the State Govt. is followed in total as notified by State Govt. from time to time.

The admissions in professional streams are made through UPSEAT examination and in remaining PG courses through the Common Entrance Test conducted by the University.

### 6.4 Welfare schemes available for teaching and non-teaching staff

Teaching	Yes
Non Teaching	Yes
Students	Yes

The University provides its teaching and non teaching staff with a number of welfare schemes which benefit not only its employees, but their families as well.

The University has facilities like Health Centre, Physiotherapy Centre, Gym and Fitness, Indoor Stadium, Day Care Centre and shopping complex.

The University also provides a Group Insurance, CPF & Loan facility to its employees.

6.5 Total corpus fund generated : **28,48,91,1109/-**

6.6 Whether annual financial audit has been done - **Yes**

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

6.8 Does the University/ Autonomous College declares results within 30 days -  
- **Yes**

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

The University is taking the following steps for effective examination system:

- Coding of answer-sheets
- On Screen Evaluation

The Examination procedure is computerized and the entire examination system is automated.

The University is in process of implementing Choice Based Credit System for continuous evaluation of the students .

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

The University attempts to promote functional autonomy to all its affiliating colleges.

University encourage and guide to colleges to start new industry oriented vocational courses, department as per need of the Society. Also to have participative approach in management.

6.11 **Activities and support from the Alumni Association**

Some of the University teaching departments have been organizing alumni meet to enhance better interaction between University and alumni for strengthening the teaching, research, training and placement activities.

6.12 **Activities and support from the Parent-Teacher Association**

We don't have Parent-Teacher Association but we encourage the parent to visit the department, in which their ward is studying, on regular basis to get feedback about their children and also to give their valuable feedback to the Head of the department for further improvements in the department.

### 6.13 **Development programmes for support staff**

Several training and development programmes have been conducted for skill upgradation of supporting staff of the University. The training programmes are being organized for mid level and senior level supporting staff. The University Computer & Information Centre of this University. In addition, workshops on Yoga and stress management are also organized.

The University organizes literary, cultural programmes like kavi sammelan, bhajan sandhya, gazal programmes etc. for rejuvenation.

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

The University is committed for environmental protection and various steps have been undertaken to make the campus eco-friendly and reduce carbon foot prints. Solar water heating systems are used; CFL lights are used in all the teaching and offices of the departments.

The University is planning to establish Sewerage Treatment Plan for the treatment of waste water for reuse for its irrigational purpose. Plantation programmes are organised in the campus on regular basis.

The polythene bags and smoking in the campus is banned.

The Earth Day, Environment Day, Tourism Day are celebrated and workshops, seminars are organized on environment awareness.

## **Criterion –VII**

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

#### **i. Innovation Centre**

The University have established state of the art Central Instrumentation Facility, Innovation Centre with an aim to to facilitate intra and inter departmental, inter-University and collaborative research, enter into collaborative research and consultancy projects with industrial houses to increase effectiveness and utilization of research results in business and education.

#### **ii. Examination Centre**

A well equipped huge Examination Centre dedicated to the society to meet with the increasing demand of students enrolled in regular and private courses of university and college apart from conducting competitive examinations at state and national level. Approx. 3000 students can appear for examination in the Centre

iii. Bundelkhand University is the first university in the country to digitize the examination records and made them available for online verification.

iii. University pioneered to integrate Skill Development Programmes with its academic activities for the students of Engineering, Management, Computer

Applications, Commerce and Pharmacy. MOUs with leading HR trainers and consultants for Soft Skills and Domain Skill Development of the students to facilitate their placement in relevant industry and profession.

- iv. The University has been recognised as the first Nodal Centre for NPTEL under the National Mission on Education through Information Communication Technology (NMEICT) by Ministry of Human Resource Development.
- v. **First University** to initiate measures to eradicate the menace of Mass Copying by installing Surveillance Cameras at the Examination Centres in affiliated Universities
- vi. **First University** to initiate Onscreen Evaluation and Digitization of Examination Records to remove anomalies and malpractices, of the prevailing manual evaluation system
- vii. Sophisticated instruments centre established in the past to cater the research needs of science and engineering departments has been further strengthened to have more research facilities. Wi-Fi facilities in some hostels
- viii. Language lab has been established with English, French, German and Spanish language material.
- ix. Establishment of Meteorological Lab

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

Since quality enhancement is a continuous process, the IQAC of this University has become a part of the institution's system and work towards realisation of the goals of quality enhancement and sustenance.

The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of institutions. In this connection, the IQAC has attempted to involved quality benchmark standards in different spheres which include teaching learning benchmarks, quality research benchmarks, student support services benchmarks and physical and ICT infrastructure benchmarks.

Sincere attempts have been made to achieve all planned activities and as outcome this University has emerged a centre of excellence in the field of technical education having special focus on research.

The teaching learning pedagogies in this University are best comparable with top technical institutions of this country having equal emphasis on overall personally development and soft skill developments of its students and scholars. The University has succeeded in all such spheres during the academic year under reference

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

- The University implemented Quality Management System through ISO 9001:2008 certification
- The University organises and adheres to environmental norms by
  - Water Harvesting
  - Organic Farming
  - Plantation
  - Vehicle Free Campus
  - Use of solar energy
  - Waste disposal

7.4 **Contribution to environmental awareness / protection**

The University has organized environmental awareness programme through its NSS Wing during the current year. Further, the Deptt. of Environmental Sciences and Developmental Studies organized World Earth Day.

The basis purpose of such programme is to sensitize the stakeholders to remain conscious and careful with respect to the environmental protection. In curricula too, the subject of environmental awareness is being taught at both UG and PG level academic programmes of this University.

Faculty of the Institute of Environment and Development Studies is actively contributing towards environmental awareness and protection. The main points of interest are:-

**Environmental awareness:** All the staff members are actively involved in generating awareness about the environmental concerns.

7.5 Whether environmental audit was conducted? **No**

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

Some of the New Innovations and Best Practices which the University would like to pursue are as under :

- i. Complete automation of administrative offices of the University.
- ii. The University has been recognised as number one University consecutively for three years for its varied courses covering all fields of education as well as strong infrastructure base.
- iii. The labs and classrooms are well equipped
- iv. Considerable number of employability oriented courses
- v. The faculty members are qualified with the average age of 40 which ensures potential for further growth and development.



- vi. The institutions are equipped with required amenities for teachers, staff and students.

**Limitations**

- vii. Need for staff for better upkeep and maintenance
- viii. Need for faculty in professional streams i.e. Engineering, Architect, Pharmacy and industry oriented courses
- ix. Interdisciplinary and Collaborative research
- x. Consultancy projects need to be encouraged
- xi. Faculty and student exchange programmes to be initiated

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

Establishment of following institutes:

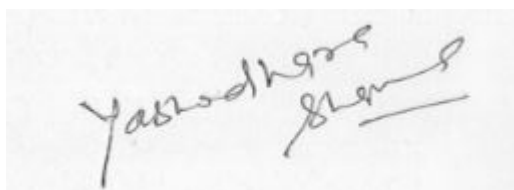
**1. Institute of Interdisciplinary Studies**

To provide platform to the faculty to initiate interdisciplinary research and studies e.g. Nano Sciences, Agro Science and Genetics

**2. Institute of Vocational Studies**

To integrate vocational education with the professional education in Engineering and interdisciplinary subjects under NVEQF proposed by AICTE and initiating B.Voc. Course proposed by UGC

- 6. Projects on PPP basis for research, ICT and Training
- 7. Earn While you Learn Scheme for students
- 8. More MOUs for Research and Consultancy
- 9. Initiating monetary awards for research and teaching



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