

दक्षिण बिहार केन्द्रीय विश्वविद्यालय  
**CENTRAL UNIVERSITY OF SOUTH BIHAR**



वार्षिक गुणवत्ता आश्वासन रिपोर्ट

**THE ANNUAL QUALITY ASSURANCE REPORT (AQAR)**

अकादमिक सत्र - 2016-2017

**FOR THE ACADEMIC SESSION 2016-2017**

*Submitted to*

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद  
बेंगलोर

**NATIONAL ASSESSMENT & ACCREDITATION COUNCIL  
BANGALORE**

## Part – A

### I. Details of the Institution

1.1 Name of the Institution

CENTRAL UNIVERSITY OF SOUTH BIHAR

1.2 Address Line 1

SH-7, Gaya – Panchanpur Road

Address Line 2

Village – Karhara, Post-Fatehpur

City/Town

P.S. – Tekari, District – Gaya

State

BIHAR

Pin Code

824236

Institution e-mail address

vc@cub.ac.in  
registrar@cub.ac.in

Contact Nos.

+91-612- 2226535

Name of the Head of the Institution:

**Prof. Harish Chandra Singh Rathore, Vice -Chancellor**

Tel. No. with STD Code:

+91-612- 2226535

Mobile:

+91- 7260814333

Name of the IQAC Co-ordinator:

Prof. Om Prakash Rai

Mobile:

+91-7070993293

IQAC e-mail address:

**iqac@cusb.ac.in**

1.3 NAAC Track ID (For ex. MHCOGN 18879)

**BRUNGN11505**

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

**EC(SC)/15/A&A/72.1**

1.5 Website address:

**www.cusb.ac.in**

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.01	2016	2021
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

**04/12/2015**

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

**2016-2017**

1.9 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 \_\_\_\_\_ (DD/MM/YYYY)
- ii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

1.10 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

1.11 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

1.12 Name of the Affiliating University (for the Colleges)

Not Applicable

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

Autonomy by State/Central Govt. / University:

Central Govt.

University with Potential for Excellence	NO	UGC-CPE	NO
DST Star Scheme	NO	UGC-CE	NO
UGC-Special Assistance Programme	NO	DST-FIST	NO
UGC-Innovative PG programmes	NO	Any other ( <i>Specify</i> )	
UGC-COP Programmes	NO		

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

2.1 No. of Teachers	04		
2.2 No. of Administrative/Technical staff	05		
2.3 No. of students	01		
2.4 No. of Management representatives	01		
2.5 No. of Alumni	01		
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	16		
2.10 No. of IQAC meetings held	<b>ONE</b>		
2.11 No. of meetings with various stakeholders:	No.		
		Faculty	NIL
Non-Teaching Staff	NIL	Alumni	NIL
Students		Others	NIL

2.12 Has IQAC received any funding from UGC during the year? Yes  No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos.  International  National  State  Institution Level

(ii) Themes

Not Applicable

2.14 Significant Activities and contributions made by IQAC

- Motivating teachers to participate in research and extension activities to enhance the quality of teaching and learning. They are also encouraged to carry out major and minor projects.
- Promoting teachers to participate in Faculty Development Programmes.
- Opportunities are provided to students for attending seminars and workshops to inspire them in research.
- Fosters innovation and creativity in students through exhibitions, group discussions, poster presentations, photography competitions, short film contests, study tours etc.
- Functioning of Anti-ragging committee and maintenance of campus discipline.
- Infrastructure enhancement.
- Promotion of the use of technology in teaching and learning.
- Cultural activities and programmes.
- Digitalisation of admission & administration.
- Obtaining Students' Feedback on Courses and Teachers.
- Green initiatives undertaken: Campus cleanliness drives initiated under Swachh Bharat Mission. Dustbins were placed at strategic points and composting pits were created.
- Alumni registration with Professional details.
- Concentrate on productive research - Offer logistic, financial, academic and staff support.
- Compiled Data for NIRF 2017.

## 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.

### A. Enrichment of the quality of education

- Strict monitoring of completion of topics as per the syllabus.
- Evaluation of teaching-learning process done.
- Remedial coaching conducted for slow learners.
- Scholar support programme, Career guidance, personality development and Counselling classes conducted.
- ICT enabled teaching.
- Students' friendly class rooms.
- Teachers participated in UGC-sponsored Orientation Programmes /Refresher Courses organized by Academic Staff College.
- Inculcation research culture among teachers and students.

### B. Co-curricular activities to enhance talents of the students

- Field trips, industrial visits and moot courts.
- Conduct of various cultural and co-curricular activities.
- Wall magazines, manuscripts and News letters.
- Group activities.

### C. Enhance job skills and ensure placement

- Career guidance counselling.
- Organising campus placement with recruiting agencies.
- Training in skills.

### D. To encourage sports and games

- Conducted annual Sports Meet.
- Inter-departmental Badminton, Carom, Cricket Tournament.

2.15 Whether the AQAR was placed in statutory body **Yes**

Management  Syndicate  A   
ny other body

Provide the details of the action taken

## 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	16	02	NIL	NIL
PG	17	01	NIL	NIL
UG	04	NIL	NIL	NIL
PG Diploma	NIL	NIL	NIL	NIL
Advanced Diploma	NIL	NIL	NIL	NIL
Diploma	NIL	NIL	NIL	NIL
Certificate	NIL	NIL	NIL	NIL
Others	NIL	NIL	NIL	NIL
<b>Total</b>	<b>37</b>	<b>03</b>	<b>NIL</b>	<b>NIL</b>
Interdisciplinary	02	NIL	NIL	NIL
Innovative	04	NIL	NIL	NIL

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

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	37
Trimester	NIL
Annual	NIL

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

Mode of feedback : Online  Manual  Co-operating schools (for PEI)

*\*Please provide an analysis of the feedback in the Annexure*

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

YES, The relevance and quality of academic programmes is ensured through a regular review and updation of the courses by involving experts from industries, academia and other stakeholders.



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

NO

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
96	74	17	05	-

2.2 No. of permanent faculty with Ph.D.

81

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
06	01	02	01	02	02	-	-	10	04

2.4 No. of Guest and Visiting faculty and Temporary faculty

-
-
10

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/	15	96	07
Presented papers	28	85	06
Resource Persons	08	48	08

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

The university gives a great deal of academic freedom enabling the introduction of new and innovative courses. The university with 18 departments / centres of study is poised to introduce several innovative interdisciplinary programmes. Many of the programmes are possessing summer internship and field visits in their course curriculum, thereby the students are getting good exposure of other societies / institutions and hands-on experience in the fields. Weekly seminars are regular practice of each programme.

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

212

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

Board of Examiners

University has provision to constitute Board of Examiners for each programme. The Board of Examiners shall consist of two External and one Internal Members, at least two of whom (one internal and one external) must be present to conduct the evaluation and finalize the assessment and submit it to the Controller of Examinations for declaration of the results.

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

ALL		
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2.10 Average percentage of attendance of students

<b>75%</b>
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2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division *				
		Distinction %	I %	II %	III %	Pass %
M.A. Development Studies	05		04	01		05
M.A. Communication & Media	22		21	01		22
M.A. Psychology	07		07	NIL		07
M.A. English	09		09	NIL		09
MA Hindi	NIL		NIL	NIL		NIL
M.A. Political Science & International Relations	02		02	NIL		02
M.A. Sociology	NIL		NIL	NIL		NIL
M.A. Economics	08		05	03		08
M.Sc. Biotechnology	23		22	01		23
M.Sc. Bioinformatics	15		11	04		15
M.Sc. Life Science	12		11	01		12
M.Sc. Environmental Science	18		16	02		18
M.Sc. Computer Science	10		10	NIL		10
M.Sc. Mathematics	09		06	03		09
M.Sc. Statistics	07		07	NIL		07
M.Tech Computer Science	15		15	NIL		15

\* University follow 10 point scale grading system. Students obtained less than 6.00 and 6.00 & above CGPA have been mentioned in I and II division column respectively.

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

- IQAC monitors the proper implementation and analysis of overall academic and administrative performances of the University.
- Pays special attention in monitoring and evaluating the performance of the faculty by way of regular departmental visits and interaction.
- Extends necessary infrastructure and timely encouragement to materialise and implement new methods of teaching.
- Ensures the quality of both academic & non-academic activities.
- Assesses the learning output via continuous evaluation and student's feedback.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	18
UGC – Faculty Improvement Programme	01
HRD programmes	-
Orientation programmes	07
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	04
Others	-

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	78	20	18	-
Technical Staff	21	07	10	01

## Criterion – III

### 3. Research, Consultancy and Extension

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

CUSB ensures quality research in all its academic departments and helps in curriculum design and development by providing flexibility in curriculum and stream lining syllabi so that the students are able to identify their areas of interest. Research capability of students is enhanced by introducing project work at UG and PG level. Field trips/educational tours are arranged to research laboratories of national importance and other research centres.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	24	16	2	32
Outlay in Rs. Lakhs	106.69	108.05	70.6	-

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	Nil	Nil	Nil
Outlay in Rs. Lakhs	2.45	Nil	Nil	Nil

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	77	29	02
Non-Peer Review Journals	03	07	02
e-Journals	05	02	01
Conference proceedings	19	17	-

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

Range  Average  H-index  No. 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	2016-17	DST-SERB, BRNS-DAE & DBT	17449836.00	9633086.00
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the				

University/ College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
<b>Total</b>	<b>2016-17</b>	<b>DST-SERB, BRNS-DAE &amp; DBT</b>	17449836.00	9633086.00

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	-	23	-	01	-
Sponsoring agencies		University, MHRD & NCRI		PMMMNMNTT	

3.12 No. of faculty served as experts, chairpersons or resource persons - 48

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency  From Management of University/College

Total

3.16 No. of patents received this year

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

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

Total	International	National	State	University	Dist	College
16	03	10	01	01	01	-

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

57

90

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

NIL

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

JRF 12      SRF 03      Project Fellows 08      Any other 75

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

University level       State level   
 National level       International level

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

University level       State level   
 National level       International level

3.23 No. of Awards won in NSS:

**NIL**

University level       State level   
 National level       International level

3.24 No. of Awards won in NCC:

**NIL**

University level       State level   
 National level       International level

3.25 No. of Extension activities organized

University forum 20      College forum   
 NCC       NSS       Any other

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

**Unnat Bharat Abhiyan-** The University has adopted five villages and significant work in these villages is being done. A report of the event “**Educational Awareness Programme**” conducted on 24.09.2016 in Dariyapur and Fatehpur village was forwarded earlier.

**Community Development Cell** - Community Development Cell has been constituted in CUSB. The Cell is working on gender equity, education, livelihood and health in neighbouring regions. Five villages near Gaya Campus have been primarily selected for village adoption Programme. One village among these villages will be selected by the Committee members for a various activities. First phase of village identification and adoption of village has been done and second phase is in progress. Accordingly, the University has adopted village **Mehmadpur in Panchanpur** under village adoption Programme (VAP) & vide University letter dated 01.05.2017, the District Magistrate Gaya has been requested for necessary support in this regard.

## 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	1.4479 Acre (Temporary)	300 acre (Permanent)	UGC	301.4479
Class rooms	27	-		27
Laboratories	8	-		08
Seminar Halls	08	-	UGC	08
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	-	02	UGC	02
Value of the equipment purchased during the year (Rs. in Lakhs)	-	60.43 Lakhs	UGC	60.43 Lakhs
Others	University permanent Campus is under construction at Panchanpur, Gaya			

4.2 Computerization of administration and library

It is in the process and as soon as the campus gets shifted into permanent location, the same shall be implemented.

#### 4.3 Library Services:

	Existing (2015-16)		Newly added (2016-17)		Total	
	No.	Value	No.	Value	No.	Value
Text Books	624	1591599	1899	6987770	2323	8579369
Reference Books	-	-	-	-	-	-
e-Books	-	-	-	-	-	-
Journals	102	2159634	-	-	102	2159634
e-Journals	-	-	-	-	-	-
Digital Database	-	-	-	-	-	-
CD & Video	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	347	6	NKN 1 Gbps Link	2	2			
Added	-	-	10 Mbps Bihar Wi-Fi	-	-			
Total	347	6	1 Gbps	2	2			

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

- We have a number of technology assisted quality improvement strategies. Modern teaching methods using Wi-Fi broadband internet, smart classroom, interactive boards, LCD projectors etc., are implemented.
- Orientation programme for students.

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

i) ICT	-
ii) Campus Infrastructure and facilities	5455.32
iii) Equipments	1134.23
iv) Others	-
<b>Total :</b>	<b>6589.55</b>



## Criterion – V

### 5. Student Support and Progression

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

- Remedial Classes for slow learners.
- Awareness classes on different topics.
- Identifies students in need of counselling; extends the support of Counselling Centre.
- Talented students are encouraged to take part in competitions organised in other Institutions.
- Scholarships are provided in various schemes.
- Financial assistance is given to economically backward students.

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

The University has created an Alumni Association with their database.

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

UG	PG	Ph. D.	Others
471	469	94	-

(b) No. of students outside the state

94

(c) No. of international students

NIL

Men	No	%	Women	No	%
	594	57.44		440	42.55

Last Year (31.03.2016)						This Year 2016-2017 (31.03.2017)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
408	90	06	260	03	767	524	110	07	392	01	1034

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

NO

No. of students beneficiaries

NIL

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

The University has a carrier counseling and placement cell which takes care of the campus placements and job of opportunities for the students enrolled in various courses under different centers/departments.

. No. of students benefitted As detailed at point no. 5.7

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
<b>Number of Organizations Visited</b>	<b>Number of Students Participated</b>	<b>Number of Students Placed</b>	<b>Number of Students Placed</b>
04	50	34	10

5.8 Details of gender sensitization programmes

NIL

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	205	12,60,211.00
Financial support from government	03	37,190.00
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

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

## Criterion – VI

### 6. Governance, Leadership and Management

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

##### Vision

The University stands for “committing its collective wisdom for a better tomorrow” and we strive together to create a culture where best minds, holding high human and moral values, interact to constantly chase perfection in frontline research and teaching to provide younger generations a platform for realizing their potentials to the fullest enabling them to serve humanity with compassion and become our worthy ambassadors to propagate the Indian culture and our ideal of “VASUDHAIVKUTUMBAKAM”.

##### Mission

We are committed to:-

- Create a safe, non-hierarchical culture that encourages freedom of thought and expression for all
- Creation of world-class infrastructure for Research & Teaching
- Induction of good faculty and students
- Undertake only frontline research
- Provide transformational value based learning experiences
- Faculty governed decentralized management with a culture of excellence fostered by rigour in teaching and research
- To create a culture of openness and transparency in all processes

#### ➤ Teaching and learning:

The Academic plans and proposals are discussed regularly in various bodies. The university has provided ICT enabled Class rooms for all its departments since its inception.

➤ **Research and development :**

CUSB ensures quality research in all its academic departments and helps in curriculum design and development by providing flexibility in curriculum and stream lining syllabi so that the students are able to identify their areas of interest. Research capability of students is enhanced by introducing project work at UG and PG level. Field trips/educational tours are arranged to research laboratories of national importance and other research centres.

➤ **Community engagement:**

There are various designated programs for the community engagement. It has established Innovation Cell to cater to the needs of society and its development. CUSB has organised several training programs for community development.

➤ **Human resource planning and development:**

The university has taken proper care for development. CUSB has invited experts from IITs and other developed institutions for Training of its staff. CUSB also has deputed its staff for various HR & Job oriented programs organized in other institutions.

➤ **Industry interaction:**

In most of the professional courses at CUSB, there is strong industry-academic interface. A large number of students undergo internship in reputed organisations and carry out projects.

During the past five years, more than 300 students have undergone such training and project work.

**Further plans to**

- ✓ Organize lectures by experts from the industry and corporate leaders.
- ✓ Interaction during placement, summer training and internship programmes.
- ✓ Inviting personnel from industries as members of Board of Studies. AC etc.

➤ **Internationalisation:**

The university plans through its infrastructure and academic excellence to strive to internationalise itself in terms of research, teaching and related activities in near future.

## 6.2 Does the Institution has a Management Information System

The fully automation of the functioning of the University is in process.

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

### 6.3.1 Curriculum Development

The university frequently organizes workshops/training programmes/sensitization programmes with focus on capacity building in terms of curriculum development, teaching-learning methods, examination reforms, content / knowledge management.

#### **Faculty on curriculum as well as teaching-learning-evaluation? If Yes how does the department utilizes the feedback?**

Centre welcomed feedback from different faculty members for curriculum development as well as teaching learning evaluation. The information provided by faculty member are discussed during the Board of Study (BoS) meeting and incorporate valuable suggestion or points for better shaping up curriculum of the programme.

**Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?** At the end of each semester, students fairly evaluate the teaching-learning-evaluation of the respective course instructor who taught a particular subject.

**Alumni and employers on the programmes offered and how does the department utilize the feedback?** We warmly welcome viable suggestions put forward by alumni and try to implement at centre level.

### 6.3.2 Teaching and Learning

At present the quality improvement strategies include various innovations in teaching-learning process and promotion of research. The social outreach programme of the university is targeted towards community engagement and development of sensitivity among its students and staff. The university has made a promising beginning in developing innovative measures in its academic and administrative approach.

### 6.3.3 Examination and Evaluation

**Examination-** Analysis of continuous internal assessment, semester examination results and regular interaction of the students with faculty and administration are the vital modus operandi used as a measure for successive maintenance of academic decorum.

**Evaluation** - ‘Continuous Internal Evaluation’ is the central feature of the evaluation system of this university. A teacher who offers the course is the best person to assess performance of the students. However, there is mandatory mid semester and end semester evaluation and to ensure transparency, fair-play and accountability, appropriate mechanisms have been devised.

### 6.3.4 Research and Development

CUSB ensures quality research in all its academic departments and helps in curriculum design and development by providing flexibility in curriculum and stream lining syllabi so that the students are able to identify their areas of interest. Research capability of students is enhanced by introducing project work at UG and PG level. Field trips/educational tours are arranged to research laboratories of national importance and other research centres.

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

The fully-computerized library houses a comprehensive collection of over 15672 volumes covering all the discipline courses offered by the college, besides also providing for good general reading. The college subscribes to several reputed journals and periodicals. The administration of library is fully computerized and has the services of all latest ICT tools.

These are constantly upgraded under the guidance of a library committee duly constituted by the Executive council. The book exhibition is an annual feature of the university wherein all leading publishing houses display their new publications in the library. It provides an opportunity to procure books for library as well as personal use. The library timing is kept to the maximum so that access to it may be increased.

The IT infrastructure has seen a massive expansion in addition to large number of Desktops, laptops and servers in the last six years. The university has a very healthy computer-student ratio. Besides, three computer labs with 347- computers each exclusively devoted to teaching, a centralized computer centre having 112 terminals with wired internet community is available. All computer labs are air-conditioned, have un-interrupted power supply and have all the ancillary services. University acquired important software to serve as a backbone to use networks that allows access to a huge basket of educational e-resources. The university promotes use of ICT to the maximum in its teaching learning programmes.

The university reaches out to its students by providing the latest information about the facilities, opportunities and welfare schemes through variety of channels. To begin with, the university publishes a comprehensive prospectus every year which contains all students -specific information.

### 6.3.6 Human Resource Management

The university promotes professional development of the teaching and non-teaching staff to the greatest possible extent. The university is planning to constitute a Professional Development Committee which will look after professional development of teaching faculty. In addition to this, the university also organizes national and international level seminars/conferences, which also helps in professional enrichment of the faculty. Further, university grants study leave to the staff for perusing higher degrees like Ph.D./ postdoctoral programme as per the UGC norms with full pay and allowances and allows the teaching faculty to attend orientation/ refresher courses/ training programmes organized by various academic staff colleges/ departments. The university allows non-teaching staff to attend skill development programmes.

The university makes special efforts to encourage the faculty to adopt new and innovative approaches by organizing several conferences/workshops.

The faculty are encouraged to attend the various workshops / seminars / talks / faculty development programme etc. organized by the other institutes in India to upgrade their knowledge and know about the coming trends. Skill enhancement is regularly carried out by organizing workshops promoting faculty to attend Orientation programmes/ faculty development programme and entrepreneurship development programme.

### 6.3.7 Faculty and Staff recruitment

In response to the rolling Advertisement No: CUSB/Advt./29/2016 dated 20/06/2016 with first cut-off date as 18/07/2016, the University received number of applications and on the basis of requirement the University had taken up the recruitments in Centre for Education. Offer of appointments have been issued and 15 Faculty members (8 regular & 7 on contract) have joined the University. Screening has been completed against the remaining posts against above rolling Advertisement. The status of application (eligible/not eligible candidates) has been uploaded on the University website. After uploading the status of applications, several representations have been received from the applicants. The representations are under review. After that the interview will be conducted.



### 6.3.8 Industry Interaction / Collaboration

Active Institutional Member of CII.
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### 6.3.9 Admission of Students

The university conducts an on line Entrance Test (**Central University of South Bihar Entrance Test -CUSBET**) at national level to admit students in various programmes offered by the University. This makes provisions of interactive sessions, where parents and students can interact with faculty in the respective domains to have the inputs related to the facilities available in the respective department/center. Information regarding the admission process is available on the university's website ([www.cub.ac.in](http://www.cub.ac.in)). Admissions to the various programmes of study are advertised in leading newspapers in English and Hindi throughout India. University also disseminates news through press releases at regular intervals.

A brief profile of the university is also published in leading newspapers during admissions. The university prints the Prospectus every year. The Prospectus gives complete information regarding admission criteria, courses available, fee structure, available infrastructure, schools, departments, centers, faculty, cultural societies, facilities available, university disciplinary rules and relevant acts and statutes of the university.

The Seats in various courses are reserved under various categories like SC (15 %), ST (7.5 %), and OBC (27%). Besides, supernumerary seats are available for Children/Widows of Personnel of Armed Forces who died in action or on duty and Gallantry awardees, Person with Disabilities (PWD), Wards of Kashmiri Migrants, Foreign students, and under ECA (extra-curricular activities) and Sports categories, as per UGC/GOI guidelines.

6.4 Welfare schemes for

Teaching	√
Non teaching	√
Students	√

6.5 Total corpus fund generated

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6.6 Whether annual financial audit has been done      Yes      No  
     

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Principal, Accountant General, Bihar	No	
Administrative	Yes	Principal, Accountant General, Bihar	No	

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

For UG Programmes      Yes            No     

For PG Programmes      Yes            No     

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

The university has put several mechanisms in place to ensure that the examination system is fool proof. Preparation of an Ordinance/Manual for the conduct of examinations is an effort in that direction. The ordinance defines the roles and responsibilities of all the stakeholders, protocols and procedures to be followed, and steps to be taken at all levels in the conduct of the examinations. All the forms/proforma for use in the examination process have been drawn out meticulously in standardized formats. Measures to curb malpractices have also been listed together with the penalty and punishment. Board of Examiners including external examiners is appointed for rechecking to maintain fairness.

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

Not Applicable

6.11 Activities and support from the Alumni Association

NA

6.12 Activities and support from the Parent – Teacher Association

NA

#### 6.13 Development programmes for support staff

Staff are encouraged and granted financial assistance for training programmes organized by Govt./Private Agencies from time to time.

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

All measures are being taken to make the permanent campus of the University at Panchanpur Eco Friendly. It has been given 3 star by GRIHA.

### **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.

- No incandescent lamps are used anywhere in the campus. All lighting is done using energy efficient tube-light or CFLs or LEDs. Efforts are made to capture the natural light to the maximum.

#### **Water conservations**

Glassware in labs are cleaned using biodegradable cleansing agent which consume much less water compared to regular synthetic inorganic detergents.

- (I) The university emphasizes on the use of **one sided/ rough/ used papers** for notices, results, attendance, etc. Most of the information, notices, minutes of the meeting and pay-slips are communicated via E-mail, which reduces the consumption of paper to a great extent.
- (II) Leave applications, joining letters, requisitions are dedicatedly truncated in size to further reduce the use of papers.

Our university has a formal environmental society “Eco club”. This eco-club of our university is an affirmation to environmental concern and adaptation of healthy practices for sustainable development. A series of documentaries on “crime against wildlife” world wetland day celebration were organized by University eco club.

### **Other innovations:**

- The university is sensitive to the special needs for differently-abled people. For that university has constituted **an Equal Opportunity Cell consisting** of members from teaching and non-teaching staff of the University to look after their needs.
- The new campus buildings are designed to be disabled and eco friendly.
- One of the unique programmes initiated Environmental Science students in University is EXPLORE (Excursions for Peer Learning in an Open and Rejuvenating Environment) with a motto that the education does not end within four corners of the classrooms. Funded partially by the University, it allows students to undertake excursions, educational tours and field trips.
- Proctorial committee of the university makes extra effort to deal with distracted and disturbed students to solve their problems. At times their parents are also contacted and called to university for discussions.
- In order to facilitate the communications, confidence and interpersonal skills, the career counseling and placement cell organize workshops periodically.
- Workshops on “**Basic Computer Training Programme**” are organized every year in the beginning of each session for new entrants.
- The university believes in mentoring students to solve their academic and personal problems and to bridge the gap between teachers and students.
- Career counseling and placement cell of the university provides training and placement of students in different organizations.
- Under “**Earn while you learn**” programme, the students coming from humble background are given an opportunity to fund their education while working in the university.
- University promotes use of technology in teaching. Students are encouraged to use LCD projectors/ visualizer for their presentation in the internet enabled Audio-Video class rooms. Library provides remote access to teaching and learning e-resources. Computer aided teaching is imparted using different software packages like MINITAB, SPSS etc. Biodiversity pro.
- Schedules of **Orientation Day**, Fresher’s day, Founder’s day, Annual fest, Annual day, and Farewell are decided in advance and published in the prospectus. Compliance of dates and schedules by one and all in the university itself is an evidence of success for this practice.

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

IQAC is evaluating the systematic and timely implementation of the various activities according to the plan of action chalked out in the beginning of the year.
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7.3 Give two Best Practices of the institution

The two best practices mentioned below has among other practices of the university, greatly contributed to the achievement of the institutional objectives and/or contributed to the quality improvement of the core activities of the university. This has been affirmed in the university community.

### **BEST PRACTICE -1:**

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

ELITE – Education in a Lively Interactive Training Environment.

#### **(a) Goal**

The university envisions interactivity teaching in field where students can collect data, set up and test hypotheses.

#### **(b) The Context**

The practice is based on ‘learning and doing’. It is believed that the engagement of students in scientific as well as social science research is a critical component of the teaching learning process, which can promote learning, sense of discovery, innovation and collaboration. The exposure to scientific research allows a student to make an informed choice about taking up research as a career. It further provides opportunity to check if the outcomes obtained in the Air-conditioned lab are same in natural condition. It is also believed that promotion of research among students and outdoor exposure may not only lead to solutions for the problems and challenges of the country and the mankind but also help in sensitizing neighbourhood common citizen of the country.

### **(c) The Practice**

Promoting active participation of students in field and in research projects has been an exclusive feature in CUSB.

Some of the endeavours that have helped university build attributes and indoctrinate culture of research amongst the stakeholders are enumerated below.

### **(d) Problems Encountered and Resources Required**

The university does not have any separate fund for the implementation of this practice, thus it has to depend for grant of projects for this purpose from various agencies. The university has innovatively made room for availability of resources for research facing space crunch.

However it remains limited and an expansion in these resources can make the research programmes more broad based. Infrastructure requirements of labs remain a challenge since the university is housed in rented buildings.

## **BEST PRACTICE-2**

**(a) Title of the Practice:** Declaration of Post Graduate results within 3 weeks from last date of examination.

### **(b) Objectives:**

#### **Early declaration of result**

- To enable students to prepare confidently for the next semester.
- In the case of passing out students, it enables the early planning for career move or for further studies and research and so on.
- The early declaration of results is also an effective strategy that contributes to the improvement of efficiency of work culture.

**(c) The Context:-** The implementation of Choice Based Credit System (CBCS) has necessitated the early declaration of results as a students has to select elective course from the 2<sup>nd</sup> semester.

**(d) The Practice:** to achieve early declaration of results within 2 weeks from the last date of examinations has resulted in coordination of the evaluation system that is internalised and centralized in most departments.

This enables the examination department to properly verify the respective results compiled by the department /center.

#### 7.4 Contribution to environmental awareness / protection

The Centre has always tried to keep in touch with the community development programmes. Community Safai Abhiyan has been organized by students for keeping environment clean and developing awareness among the people to keep their surroundings clean. Environmental awareness and literacy campaigning are also organised time to time by the students and teachers to develop awareness among community members and to develop communication among the community and the department. Different educational institutions are also kept in touch to help each other in adopting the best practices in the teaching learning process.

7.5 Whether environmental audit was conducted? Yes  No

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

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

- Collaborative learning and research through ICT with other Universities
- Strengthening of interdisciplinary research activities
- New Major and Minor research projects from external agencies
- Start new programmes.
- Establishment of new lab facilities in science departments.
- Digitalization and up-gradation of library.
- Exhibition, Seminars and Lecture series
- Automation of Administration and Examination.

Name: Prof. O.P. Rai

Name: Prof. Harish Chandra Singh Rathore

  
Signature of the Coordinator, IQAC

  
Signature of the Chairperson, IQAC

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**Abbreviations:**

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

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# राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

## **NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission*

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India



## **THE ANNUAL QUALITY ASSURANCE REPORT (AQAR)**

**FOR THE ACADEMIC SESSION 2016-2017**

**SUBMITTED BY**

**INTERNAL QUALITY ASSURANCE CELL (IQAC)**

**CENTRAL UNIVERSITY OF SOUTH BIHAR**

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