



Yearly Status Report - 2019-2020

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	CENTRAL UNIVERSITY OF SOUTH BIHAR
Name of the head of the Institution	Prof. Harish Chandra Singh Rathore
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	06312229502
Mobile no.	7260814333
Registered Email	iqac@cusb.ac.in
Alternate Email	vc@cub.ac.in
Address	Central University of South Bihar, SH-7, Gaya Panchanpur Road, Village - Karhara, Post - Fatehpur, P.S. - Tekari
City/Town	Gaya
State/UT	Bihar
Pincode	824236

2. Institutional Status	
University	Central
Type of Institution	Co-education
Location	Rural
Financial Status	central
Name of the IQAC co-ordinator/Director	Prof. Venkatesh Singh
Phone no/Alternate Phone no.	06312229502
Mobile no.	9450874493
Registered Email	venkatesh@cusb.ac.in
Alternate Email	iqac@cusb.ac.in

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://www.cusb.ac.in/images/cusb-files/2020/iqac/AQAR-2018-19.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://cusb.ac.in/index.php/student/semester-calendar

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.01	2016	25-May-2016	24-May-2021

6. Date of Establishment of IQAC	04-Dec-2015
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Preparation and	22-Oct-2020	14

submission of AQAR	1	
Encouraged faculty members to submit Research Proposals	22-Oct-2020 1	14
Development and Redesigning of University website	22-Oct-2020 1	14
Updation of Alumni Database	22-Oct-2020 1	14
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Department of Biotechnology	FIST	DST	2020 1825	5800000
School of Education	National Resource Centre (Education)	Ministry of Education & AICTE	2019 365	1970000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

1

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

? Motivating faculty to attend MHRD initiated orientation and/or faculty development programme to enhance the quality of teaching and learning process. They were also encouraged to carry out major and minor projects with high social impact for overall socioeconomic development by offering logistic, financial, academic and staff support for productive research activity. ? Providing ample opportunities to students for attending seminars and workshops to uplift their

overall skills. ? Fostering innovation and creativity in students through exhibitions, group discussions, poster presentations, photography competitions, short film contests, study tours etc. ? A continuous evaluation of quality learning process through timely feedback on course, teachers. Implementation of the scheme to overcome shortcoming due to the pandemic situation. The provision for providing proper econtent and necessary support to achieve quality education were made following the COVID SOP issued by Govt. from time to time. ?
 Compilation of Data for participation in NIRF 2020, India Today MDRA Ranking.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Improving Teaching & Learning	Due to outbreak of COVID pandemic and subsequent nation-wide lockdown imposed by Govt. of India, the general teaching and learning process were affected substantially. In this regard, the IQAC team came up with various solution for managing and imparting quality education in online mode. Following the general SOP for COVID situation the planned process were diverted and alternate measures were taken to accomplish teaching and learning process without compromising in quality education. This includes providing e-content to the students and time to time counselling to improve their mental health.
Initiative made for Promoting Innovation based quality research	Due to the onset of COVID pandemic and thus affecting the offline research activity, the number of research publications was very restricted. However, a quite good number of proposals were submitted to different funding agencies. As a result, four new Research Projects were sanctioned by different funding agencies amounting approx. ?1Cr. and also two Patents were published.
Increasing number of Quality Research Publication	Keeping in view of the previous year NIRF ranking and associated parameter-wise scores, rigorous efforts were taken to enhance the quality research publications and improve the perception of the University. In this regard, a general binding criteria were chalked out for implementation in the larger interest of researchers of the University.

Improving and creating e-learning	Due to onset of the COVID pandemic in early 2020 a sudden move to online teaching were mandatorily implemented. Thus, it was imperative to streamline the modus operandi of online classes. For that the faculty members were encouraged to develop e-content and also promote students to use other digital platforms like SWAYAM, UG/PG MOOCs, e-PG Pathshala, e-content on CEC-UGC etc.
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	28-May-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	<p>Central University of South Bihar maintains MIS to support it's academic program and administrative operations. We have successfully automated most processes in the University to improve the efficiency of operations. E based system is available for the following:</p> <ul style="list-style-type: none"> • Admission (Requirements, Eligibility, Prospectus, Online Enquiry Form) • Online Examination Facilities (Examination Calendar, Form Filing, Online Results, Exam Time Table, Passing Standards etc.) • Attendance • <p>Feedback day to day academic and administrative work is made easy with the help of the MIS. Library is fully computerized and functions through automated KOHA software. The attendance and assessment monitoring with detailed analysis is done through centralized MIS and transparency is prevailed. The internal assessment test marks are entered in the MIS. Students IT resources are provided to all students</p>

of the university as well as teaching and supporting staff. The University seeks to ensure the integrity of IT resources made available to the community to prevent disruption to academic and administrative requirements. The University has a LAN through which students, teachers and supporting staff can access the current data base of students, their academic performance as also other academic query. Information Technology resources refer to all computers and communication facilities, service and resources including but not limited to networking devices, email service, wireless devices and any associated peripherals and software that are owned, managed maintained by the University.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BA LLB	BALAW	Law	27/09/2019
MA	MAPSC	Political Science IR	22/10/2019
MSc	MSCBTN	Biotechnology	10/05/2019
MSc	MSCLSC	Life Science	08/01/2019
MSc	MSCBIS	Bioinformatics	08/01/2019
MA	MAENG	English	12/02/2020
MA (Journalism)	MACMS	Mass Communication and Media	17/10/2019
MSc	MSCMTH	Mathematics	11/07/2019
MSc	MSCSTS	Statistics	23/05/2019
MSc	MSCPHY	Physics	04/12/2019

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
PhD or DPhil	Chemistry	15/07/2019	PHDCHE	15/07/2019
PhD or DPhil	Physics	15/07/2019	PHDPHY	15/07/2019

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
PhD or DPhil	Chemistry	15/07/2019
PhD or DPhil	Physics	15/07/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nil	NIL	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Nil	Nil	Nil
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Biotechnology	26
MSc	Environmental Science	26
MSc	Life Science	32
LLM	Law	32
MA	Social work	52
MA	Economics	24
MA	History	19
B.A.BEd	Nil	80
B.Sc.B.Ed	Nil	78
MEd	Education	26
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	No

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

At the end of every programme semester, a feedback is obtained from different stakeholder in digital form. The members of the committee along with the concerned class committee were included for the evaluation of the feedback. Accordingly, for the justified feedback related to various course curriculum regarding any improvement in course structure were incorporated in the subsequent with the permission of board of Studies. Several talks are under way for signing MoU with several national and international Universities to facilitate faculty/students exchange. Time to time discussions were held concerned faculty members based on the feedback obtained to upgrade the curricula to meet the global standard. The feedback from various stakeholders were discussed in details for possible incorporation.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MA	Political Science	45	410	20
MA	Economics	45	352	32
MA	Sociology	45	191	5
LLM	Law	38	320	35
BA LLB	Law	150	5781	124
MEd	Education	63	820	47
B.Sc.B.Ed	Education	63	6706	60
B.A.BEd	Education	63	6374	61

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	774	1003	Nil	Nil	157

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
157	157	66	70	70	10

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

In each departments of the University, students mentoring system is available. Every faculty members act as mentor for those students who has been allotted to them. Mentors are there to support students as well as to ensure professional standards are maintained and evidenced by students. Mentors and students are expected to be treated with courtesy and mutual respect. Mentors are compassionate, tactful, approachable and consistent in their dealings with students. Mentors assist students in seeking guidance from the appropriate source(s) on a range of pastoral matters like homesickness, loneliness, relationship issues, bullying, bereavement, health issues, concerns relating to academic ability, and financial issues. Mentors organise and coordinate students day to day learning opportunities and activities in practice. They supervise students in learning situations and provide them with constructive feedback on their achievements. They engage with students to apply and monitor the learning outcomes provided to the particular practice setting. Mentors assess a students total performance - including skills, knowledge applied to practice, values, attitudes and behaviours relevant to the stage of the programmes. Mentors facilitate students learning in practice by facilitating the selection of appropriate learning strategies to integrate learning from practice and academic experiences and also supporting students in critically reflecting upon their learning experiences in order to enhance future learning. Mentors undertake assessment of students practice and be accountable for the decisions made by demonstrating a breadth of understanding of assessment strategies and the ability to contribute to the total assessment process as part of the learning and teaching team. Mentors provide constructive feedback to students and assist them in identifying future learning needs and actions. They also manage failing students according to due process (which may include the production of co-operative action planning with other team members) so that they may enhance their performance and capabilities for safe and effective practice or be able to understand their failure and the implications of this for their future practice.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1777	156	1:11

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
214	156	58	75	143

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Ningombam Linthoingambi Devi	Assistant Professor	International Travel Grant, SERB-DST, Govt. of India
2019	Dr. Durg Vijay Singh	Assistant Professor	Best Poster presentation award in the 1st National agrochemical congress Mumbai, Nov.13-16, 2019
2019	Dr. Richa Vatsa	Assistant Professor	Full Financial Support to attend LISA (Laboratory for Interdisciplinary Statistical Analysis) 2020 Program and ISI World Statistics

			Congress during 15th-18th and 18th-23rd August at Kuala Lumpur, from LISA 2020 Program, University of Colorado Boulde
2019	Prof. Rekha Agrawal	Professor	Vishishth Sikshak Samman by Swami Ram Krishna Paramhans Teachers Training College, Bokaro (Jharkhand)
2020	Prof. Rekha Agrawal	Professor	Special Honour as Waqaar.....The Lordliness on the International Womens Day Celebration
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MSc	MSCHE	4th Sem. 2020	27/08/2020	14/10/2020
MSc	MSPHY	4th Sem. 2020	31/08/2020	06/10/2020
MA	MAHIN	4th Sem. 2020	31/08/2020	17/09/2020
MCom	MCCOM	4th Sem. 2020	22/08/2020	06/10/2020
MEd	MEEDU	4th Sem. 2020	31/08/2020	04/11/2020
B.A.BEd	EDU	8th Sem. 2020	31/08/2020	19/10/2020
BA LLB	BALAW	10th Sem. 2020	31/08/2020	08/09/2020
LLM	MLLAW	2nd Sem. 2020	31/08/2020	08/10/2020
B.Sc.B.Ed	EDU	8th Sem. 2020	31/08/2020	19/10/2020
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	3286	0

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://www.cusb.ac.in/images/cusb-files/2020/igac/program_outcomes.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
MSCESC	MSc	Environmental Science	25	25	100
MSCPHY	MSc	Physics	27	27	100
MSCCHY	MSc	Chemistry	25	25	100
MASOC	MA	Sociology	4	4	100
MAECO	MA	Economics	24	24	100
LLM	LLM	Law	33	32	96.97
BALAW	BA LLB	Law	35	35	100
EDU	MEd	Education	26	26	100
BSCEDU	B.Sc.B.Ed	Education	39	39	100
BAEDU	B.A.BEd	Education	40	39	97.5

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://www.cusb.ac.in/images/cusb-files/2020/igac/student_survey_report.PDF

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr. Rohit Ranjan Shahi	Summer Research Fellowship under Focus Area Science and Technology Programme	22/05/2020	Indian Academy of Sciences Bangalore
National	Dr. Krishna Prakash	Bharat Vikas Award	14/12/2019	Institute of Self Reliance, Bhubaneswar

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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
JRF (20)	730	UGC
SRF (23)	1095	UGC

PDF (01)	1095	UGC
JRF (02)	730	CSIR
SRF (02)	730	CSIR
JRF (01)	730	DST-INSPIRE
JRF (06)	1825	UGC
DSRPDFHS (01)	1095	UGC
JRF (01)	1825	MGNCRE
Doctoral Fellowship (08)	730	ICSSR
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	548	ICSSR	7	2.8
Major Projects	730	ICSSR	8	3.2
Major Projects	1095	ICMR	32.43	22.49
Minor Projects	730	UGC-FRP	10	8
Projects sponsored by the University	214	PMMNMTT (BHU)	2.52	2.52
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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
State Level Orientation Session on IPR	Department of Law Governance	15/07/2019
State Level IPR Awareness Programme	Department of Law and Governance	31/08/2019
Workshop on Impact of IPR on Biodiversity	Department of Law and Governance	04/02/2020
National Seminar on Media Discourse Indian Security: Perspectives on Social Concerns	Department of Mass Communication and Media	05/05/2020
Workshop_cum_Training Programme on Innovation Pedagogy	Department of Teacher Education Under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching Scheme of Govt. of India	25/02/2020

Workshop-cum-Training Programme on Innovation Pedagogy for Innovative Teachers	Department of Teacher Education Under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching Scheme of Govt. of India	03/12/2019
Organized invited lecture on intellectual Property Rights (IPR)	Department of English	02/12/2019
Behavioural Skills and Stress Management	Department of Psychological Sciences	15/10/2019
Panel Discussion on New Directions in Development Research	Department of Development Studies	15/11/2019
National conference on "Advance Materials and Nuclear Science (AMNS-2020)	Department of Physics	27/02/2020
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
First Indian IPR Olympiad	Aman Kumar	ISERD (Non Government Agency)	29/09/2019	National
First Indian IPR Olympiad	Tanay Akash	ISERD (Non Government Agency)	29/09/2019	National
Best Poster Award	Md. Arzail Alam	National Conference on Advanced Materials and Nuclear Sciences	29/02/2020	National
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	Nil
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Department of Biotechnology, CUSB	1
Department of Mathematics, CUSB	1
Department of Sociological Studies, CUSB	2

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Mass Communication and Media	8	0
National	Development Studies	3	0
National	Teacher Education	16	0
National	Economics	3	5.6
National	English	7	0
National	Environmental Science	1	1.4
National	Hindi	5	0
National	History	2	5
International	Bioinformatics	15	3
International	Environmental Science	15	4.28

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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Physics	2
Law Governance	2
Environmental Science	3
English	2
Economics	2
Education	4
Development Studies	5
Mass Communication and Media	11
Biotechnology	4
Bioinformatics	6

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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Zero rpm-Synthesized Tunable Plasmonic Hollow Silver Nanoshells in the Second Near-IR Window for Enhanced Solar-Catalysis Applicant: Central University of South Bihar Inventors: 1.	Published	201931047638A	Nil

Amiya Priyam 2. Bhavesh K. Dadhich 3. Bhavya Bhushan			
6-ETHOXY-4-N-(2-MORPHOLIN-4-YLETHYL)-2-N-PROPAN-2-YL-1,3,5-TRIAZINE-2,4-DIAMINE ENDOWED WITH HERBICIDAL ACTIVITY AGAINST SUSCEPTIBLE AND RESISTANT BIOTYPES OF PHALARIS MINOR Applicant: Central University of South Bihar Inventors: 1)Dr. Durg Vijay Singh 2)Priyanka Rani 3)Nandan Kumar 4)Dr. Shikha Agarwal	Published	202031045338A	Nil
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
"Dattani's Dramatic Strategies in Final Solutions: A Psychoanalytic Reading"	Prof. Prabhat K. Singh	The Critical Endeavour (A Peer Reviewed National Journal) Vol 26, pp. 198-206	2020	0	Researchers' Association of Odisha	Nil
"Chastity, Virginitly and Morality: A Feminist Response to Shakespeare's Comedies", Page Nos- 89-94	Dr Vipin K Singh	Langlit, (An International Peer-Reviewed Open Access Journal Vol. 6, Issue-1, August, 2019 ISSN-2349-5189.	2019	5.61	Online Journals	Nil
"Spell Created of Words: A Reading of	Dr Vipin K Singh	Langlit, (An International Peer-	2019	5.61	Online Journals	Nil

Pictorial Images in Baiga Folk songs", Page Nos.-43-49		Reviewed Open Access Journal Vol. 6, Issue-2, November, 2019, ISSN-2349-5189.				
Novel Co 35Cr5Fe20Ni20Ti20 high entropy alloy for high magnetization and low coercivity,	Rajesh K Mishra, Rohit R Shahi	Journal of Magnetism and Magnetic Materials	2019	0	Motilal Nehru National Institute of Technology Allahabad	Nil
Antibiotic resistance profile, outer membrane proteins, virulence factors and genome sequence analysis reveal clinical isolates of Enterobacter are potential pathogens compared to environmental isolates	Mishra M, Barik S, Panda S, Sarkar A, Singh DV, Mohapatra H	(IF-3.518) Frontiers in Cellular and Infection Microbiology 10:54. doi: 10.3389	2020	3	Central University of South Bihar	6
Critical Review of Microbial Degradation of Aromatic Compounds and Exploring Potential Aspects of Furfuryl Alcohol Degradation	Singh P., Kumar R	Journal of Polymers and the Environment (IF-2.765), (UGC Journal No. 19310) Vol 27, pp 901-916,	2019	2	Central University of South Bihar	6

ZnSe Nanoparticles Reinforced Biopolymeric Soy Protein Isolate Film	Rakesh Kumar, Reshma Praveen, Shikha Rani, K. Sharma, K. P. Tiwary and K. Dinesh Kumar	Journal of Renewable Materials (IF-1.42), (UGC Journal No. 20293) Vol 7, pp 749-761,	2019	8	Central University of South Bihar	5
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
A systematic approach for enhancing magnetic properties of CoCrFeNiTi-based high entropy alloys via stoichiometric variation and annealing	Rajesh K Mishra, RohitShahi	Journal of Alloys and Compounds	2019	145	1	Central university of South Bihar Gaya
Hybridized Kondo State Formed by ? Radical Assemblies	S. Islam et al.	J. Phys. Chem. C 124, 22, 1 2024-12029	2020	267	Nil	IMRAM, Tohoku University, 2-1-1, Katahira, Aoba-Ku, Sendai 980-0877, Japan Department of Physics, Central University of South Bihar, Gaya, 824236, India
Exposure -backgroun	M. K. Singh et.	Phys. Rev. D	2020	338	Nil	Department

d duality in the searches of neutrinoless double beta decay	al	101, 013006				of Physics, School of Physical and Chemical Sciences, Central University of South Bihar, Gaya 824236
Emission characteristics of intermediate mass fragments by the $^{84}\text{Kr}36$ projectile in nuclear emulsion detector at 1 GeV per nucleon	M. K. Singh et. al	Eur. Phys. J. Plus	2020	46	Nil	Department of Physics, School of Physical and Chemical Sciences, Central University of South Bihar, Gaya 824236
J/ψ and $\psi(2S)$ production at forward rapidity in p p collisions at $\sqrt{s}=10$ GeV	U. A. Acharya et. al	Phys. Rev. D	2020	338	Nil	Department of Physics, School of Physical and Chemical Sciences, Central University of South Bihar, Gaya 824236
Emission characteristics of charged particle production in interaction of ^{84}Kr with nuclear emulsion detector at relativistic	U. Singh et. al.	J. Kor. Phys. Soc.	2020	44	Nil	Department of Physics, School of Physical and Chemical Sciences, Central University of South Bihar, Gaya

energy

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[View File](#)**3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year**

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	21	75	Nil	Nil
Presented papers	24	57	Nil	Nil
Resource persons	10	72	6	Nil
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3.5 – Consultancy**3.5.1 – Revenue generated from Consultancy during the year**

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Nil	Nil	Nil	0
No file uploaded.			

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Nil	Nil	Nil	0	0
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3.6 – Extension Activities**3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year**

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Visit to the wastewater treatment plant, Beur, Patna	PHED, Govt. of Bihar, and CUSB, Gaya	2	26
Covid-19 Pandemic Awareness Campaign	NCC Directorate	1	4
Remedial Instruction Programmes in village Schools Duration: 45 days	Unnat Bharat Abhiyan Cell, CUSB in Collaboration with School of Education	1	12
Blood Donation Camps	Central University of South Bihar in Association with ANMCH GAYA	5	100
Cleanliness	Team SMILE (CUSB,	2	70

Awareness Drive	Gaya)		
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NA	NA	NA	Nil
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Womens Day	Department of Development Studies, School of Social Sciences and Gender, CUSB, Gaya	Celebration for economic, political and social achievements of women of past, present and future.	25	120
Ek Bharat Shresth Bharat	Dean of Students Welfare	Orientation program	1	57
Swachh Bharat	Department of Physics	Collection of non-bio-degradable waste from the University campus and around	8	57
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Collaborative Research with UGC-DAE Consortium, Kolkata	Dr. A. Priyam, CUSB Gaya, Dr. A. Saha, UGC-DAECSR, Kolkata	UGC-DAE CSR, Kolkata	1095
Research	Dr. Dinesh Kotnees	Contingency	180
Research	Dr. Prolay Das	Contingency	180
Research	Dr. Vahab Ali	CSIR	365
Research	Dr. Lokendra Sharma	CSIR	365
Online Lectures with Faculties, Physics Department,	57 Students + 08 Faculties	Nil	01

GLA University, Mathura			
Collaborative Research Activity with University of Aveiro, Portugal	Dr. Budhendra Singh, CUSB Gaya, Dr. Igor Bdikin, AU Portugal, Dr. S. K. Jakka, AU Portugal	Nil	365
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Training Programme (B.Ed.)	School Internship Programme	<ul style="list-style-type: none"> • Middle School, Kujapi • 2 School Kevali • Middle School, Yamune • Middle School, Kosma • Middle School, Dharamshala • 2 School, Fatehpur • Middle School Fatehpur • Middle School, Nepa 	09/08/2019	11/10/2019	79
Training Programme (B.Ed.)	School Internship Programme	<ul style="list-style-type: none"> • Middle School, Kujapi • 2 School Kevali • Middle School, Yamune • Middle School, Kosma • Middle School, Dharamshala • 2 School, Fatehpur • Middle 	15/01/2020	14/03/2020	79

		School Fatehpur • Middle School, Nepa			
Research Facilities	M.Sc dissertation	IIT Patna	01/01/2020	31/05/2020	02
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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Nil	Nil	Nil	Nil
No file uploaded.			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1475	5682.11

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Newly Added
Video Centre	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA with RFID	Fully	19.05.02.000 (KOHA)	2019

4.2.2 – Library Services

Library	Existing	Newly Added	Total

Service Type						
Text Books	27763	43122666	6524	18760132	34287	61882798
Reference Books	3406	10501322	215	1239868	3621	11741190
e-Books	Nil	Nil	2011	9681958	2011	9681958
Journals	108	16883170	28	6947415	136	23830585
e-Journals	6949	4865330	Nil	Nil	6949	4865330
Digital Database	3	830285	Nil	Nil	3	830285
CD & Video	Nil	Nil	Nil	Nil	Nil	Nil
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Prof. Rekha Agrawal	1. Empowering Researchers to Use Inferential Statistics in Behavioural Sciences 2. Establishing Significance of Difference between two Means using t-test	SWAYAM (For ARPIT-2019 Programme)	01/10/2019
Prof. Kaushal Kishore	1. Basics of Test Construction 2. Test Construction: Item Analysis-I 3. Test Construction: Item Analysis-II 4. Test Construction: Item Analysis-III 5. The Central Limit Theorem 6. Hypothesis: Some Concerns 7. Concerns in Hypothesis Testing (FAQs)	SWAYAM (For ARPIT-2019 Programme)	01/10/2019
Dr. Ravi Kant	Levels/Scales of Measurement	SWAYAM (For ARPIT-2019 Programme)	01/10/2019
Dr. Mitanjali Sahoo	Establishing Reliability and Validity of a Test	SWAYAM (For ARPIT-2019 Programme)	01/10/2019

Dr. Tarun Kumar Tyagi	Quick Review of Fundamentals of Sampling	SWAYAM (For ARPIT-2019 Programme)	01/10/2019
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	470	5	1	5	1	1	1	1	0
Added	31	1	1	1	0	0	0	0	0
Total	501	6	2	6	1	1	1	1	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1000 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
MOOC's Studio	https://youtu.be/qEIS-r-L8A

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
0	270.41	1475	5682.11

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

http://cusb.ac.in/assets/notices_orders_cir/admin/statuses_of_the_university.pdf
http://www.cusb.ac.in/images/cusb-files/2020/iqac/physical_academic_support_facilities.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Non-NET Ph.D. Fellowship	163	11227109
Financial Support from Other Sources			
a) National	Nil	Nill	0
b) International	DST-ITS Grant (International)	1	10000

Travel Support)

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Five-day Painting Workshop 'Maulik'	20/01/2020	50	Heritage Club of CUSB
Mentoring	01/07/2019	1777	All Department of the CUSB
Personal Counselling	01/05/2020	32	CUSB wellbeing Centre, Department of Mass Communication and Media, Department of Sociological Studies
Yoga Day	21/06/2019	500	All Department CUSB, Gaya
Five-day Theatre Workshop 'Bhumika'	13/01/2020	100	Heritage Club of CUSB
Remedial Coaching	01/07/2019	109	Department of Law, CUSB
Personal Counselling and Mentoring	01/07/2019	300	Department of Law, CUSB

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2020	DVS-Sponsored Session on Career Counseling	6	14	1	9

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Azim Premji Foundation	50	5	Nil	Nil	Nil
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	1	M.Sc.	Computer Science	JNU	M.Tech in Statistical Computing
2020	7	M.Sc.	Chemistry	CUSB, Gaya, MGCUB, Motihari CSIR-CDRI, Lucknow	Ph.D and Research Asstt.
2020	8	M.Sc.	Physics	Central University of South Bihar	Ph.D
2020	6	M.A.	Political Studies	Central University of South Bihar, Central University of Jharkhand, Mahatma Gandhi Central University, Motihari	M.Phil and Ph.D
2020	2	M.A./M.Sc.	Psychological Studies	IIT - Kharagpur (1) Bhilai (1)	Ph.D
2019	3	M.Sc.	Biotechnology	JNU, CUSB, TIFR	Ph.D.
2020	20	B.A.LL.B(H) & BSC.LL.B (H)	Law & Governance	NUJS < NALSAR, AMITY University, Pen State Univ. USA, IIT. Kharagpur,	LLM

				NLIU	
2020	2	M.A.	Mass Communication and Media	Central University of South Bihar, Gaya	Ph.D.
2020	4	M.Sc.	Bioinformatics	University of Canterbury, New Zealand NII, New Delhi NBRI, New Delhi National Institute of Cancer Prevention and Research	Ph.D Research Staff
No file uploaded.					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	63
SET	3
GATE	9
Any Other	15
Any Other	64
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Volleyball	University Level	96
Moot Court	University Level	5
Ek Bharat Shrestha Bharat	University Level	120
Unnat Bharat Abhhyan	University Level	200
Constitution Day	University Level	500
Birth Anniversary of Mahatma Gandhi 150 years	University Level	300
Yoga Day	University Level	500
Team Smile	University Level	60
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
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2019	1st Prize for Oral Presentation under SIL (Short Invited Lecture)	International	Nil	Nil	CUSB1703 175007	Shikha Rani
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The representatives of students are included in the committees wherever provision has been made in the ordinances of the university. The student representative is allowed to put forward all the concerns of students in front of the administrative body for its persual and necessary action. In addition, students are given full support to organize, and celebrate various cultural activities on special occasion for their overall development which gives them a sense of involvement in academic and administrative activity. The students actively organises National Teachers Day, Independence Day, Republic Day, Science Day, Environment Day, Earth Day, Yoga Day etc. along with other NSS and social service activities during the year. Such activities boons their communication/management/leadership skills and prepares them for a better approach for team-work.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

As we all know that the CUSB is roughly half a decade old and still running in the establishment mode. The plan of action chalked out by the Central University of South Bihar in the beginning 2018 towards registration of an Alumni Association. The alumni cell of the university has very few registered students. Moreover, due to the onset of the pandemic during the academic session no effort were made to reach out the old students. The inclusion of all the alumini would take some time and hopefully in coming years we will be able to serve the purpose of promoting the general welfare of our organization by such strong alumini association in future.

5.4.2 – No. of registered Alumni:

56

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

0

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The University is following a decentralized and participative system of governance to achieve the mandate stated in the Act and Statutes. Faculty members are directly involved in decision making bodies of the University which

in turn helps the students in a great way for redressal of their grievances. Each department of the University has a Departmental Committee and it takes the decisions for academic proposals at initial stage before being placed to Apex decision making bodies of the University. The Board of Studies (BOS) is also an important body of the department which specifically look after the curriculum development work. University has developed Hand Book of Purchase Rules and Procedures and defined the Delegation of Power at each level. Also, in order to have easy operation of Research Project by the respective Principal Investigator, the University has prepared a "Manual for Sponsored Research Project" giving them enough autonomy for the procurement of various items/equipment related to their project.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Human Resource Management	Management of staffs and redressal of their problem is of prime importance for maintaining harmony and overall development of the institution. To address this, CUSB has a grievance cell which take all such matter for proper resolution and implementation.
Library, ICT and Physical Infrastructure / Instrumentation	Library is fully computerized and functions through automated KOHA software. The attendance and assessment monitoring with detailed analysis is done through centralized MIS and transparency is prevailed. The internal assessment test marks are entered in the MIS. Students IT resources are provided to all students of the college as well as teaching and supporting staff. The College seeks to ensure the integrity of IT resources made available to the community to prevent disruption to academic and administrative requirements. The University has a LAN through which students, teachers and supporting staff can access the current data base of students, their academic performance as also other academic query. Information Technology resources refer to all computers and communication facilities, service and resources including but not limited to networking devices, wireless devices and any associated peripherals and software that are owned, managed maintained by the University.
Research and Development	Budget are allocated time to time to the department for the development of basic infrastructure facilities to improve RD facilities. Time to time the

	departmental meetings and/or conference are organised to monitor the research and development activity in respective department.
Examination and Evaluation	Online Examination Facilities (Examination Calendar, Form Filing, Online Results, Exam Time Table, Passing Standards etc.). The University has successfully automated most processes in the University to improve the efficiency of operations. E based system is available for the following: • Admission (Requirements, Eligibility, Prospectus, Online Enquiry Form) • Online Examination Facilities (Examination Calendar, Form Filing, Online Results, Exam Time Table, Passing Standards etc.) • Attendance In addition, Feedback Day to day academic and administrative work is made easy with the help of the MIS.
Teaching and Learning	Procurement and Installation of Smart Boards in each class for imparting quality education to the enrolled students. All classrooms are well equipped with latest and modern ICT infrastructure for offline and online teaching and research.
Curriculum Development	Inclusion of new courses based on the recent market trends. Time to time Board of Studies (BOS) meeting for updation/revision of course curriculum.
Admission of Students	All details along with all notifications are made available on the university website with clear instructions for all admission related details such as Eligibility, Prospectus status etc. A dedicated phone number are also made available to students for any enquiry related to the process.
Industry Interaction / Collaboration	We are looking for probable industries for collaboration and future scope to work with

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Student Admission and Support	1. Registration of the Students. 2. Fee payment. 3. Feedback from the students.
Examination	Students marks collection from the teacher through ERP portal.
Finance and Accounts	Salary disbursement, student fee collection, vendor payment
Administration	Leave and Store Management system

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr. H. N. Pandey	ISS National Conference Organised by Dept. of Sociology, Kerla University, Trivendrum, Kerla in Dec, 2019	Central University of South Bihar	30000
2019	Dr. Parijat Pradhan	ISS National Conference Organised by Dept of Sociology, Kerla University, Trivendrum, Kerla in Dec, 2019	Central University of South Bihar	30000
2020	Dr. Rakesh Kumar	International Conference on Bioengineering Regenerative Medicine	Central University of South Bihar	6000
2019	Dr. Samapika Pohapatra	All India Sociological Societys 45th International Coference at University of Kerala, Thiruva nanthapuram, 26-29 Dec.2019	India Sociological Society	10000
2019	Dr. Aditya Mohanty	Bi-Annual Conference 2019 of the Research Committee 21 Urban and Regional Development of the International Sociological Association, held under the auspices of the Centre for	International Sociological Association	10000

		Policy Research and Ambedkar University, New Delhi 18-21 Sept. 2019		
2019	Dr. Aditya Mohanty	National Workshop of Unnat Bharat Abhiyan Cell of the University Grants Commission (UGC) ISID, New Delhi 21-22 Jan. 2020	Unnat Bharat Abhiyan	10000
2019	Dr. Saroj Kumar	Golden Jubilee International Conference of ELTAI (09 - 12.10.2019)	Central Univeristy of South Bihar	6625
2019	Dr. Saroj Kumar	National Conference on Language Pedagogy	Regional Institute of Education, Ajmer	5000
2019	Dr. Arpana Jha	Golden Jubilee International Conference of ELTAI (09 - 12.10.2019)	Central University of South Bihar	11989
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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Innovative Practices and Experiments in Teaching	NA	03/12/2019	08/12/2019	20	Nil
2020	Workshop -cum- Training Programme on Innovation Pedagogy	NA	25/02/2020	02/03/2020	39	Nil

2019	Workshop on Behavioral skills for effective living and Stress management	NA	15/10/2019	16/10/2019	32	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Advance concept for developing MOOCs	1	02/07/2020	17/07/2020	15
Refresher Course	1	12/09/2019	25/09/2019	14
An Annual Refresher Programme In English Language Teaching	1	01/10/2019	31/10/2019	31
An Annual Refresher Programme In English Language Teaching	1	01/10/2019	31/10/2019	31
Bioinformatics: Algorithms and Applications Organized by Indian Institute of Technology Madras (NPTEL online Certificate)	1	01/01/2020	30/04/2020	111
AICTE approved 12 week NPTEL online faculty development course entitled Bio-informatics: Algorithm and application	1	27/01/2020	14/04/2020	82

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
75	1	25	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>Maternity/Paternity Leave facilities are being extended to the staff in accordance to the set rules and norms. The university conducts awareness seminars on socially/medical relevant issues etc. Medical Reimbursements: As per the guidelines of the University and UGC, Medical reimbursements are given to employees.</p> <p>Academic Facilities: Dedicated computer rooms in library and staff room with Wi-Fi facility and e-resources are available for the employees.</p> <p>Leaves: Leave rules of the University are adhered to and employees are granted leave as per their entitlement.</p>	<p>Maternity/Paternity Leave facilities are being extended to the staff in accordance to the set rules and norms. The university conducts awareness seminars on socially/medical relevant issues etc. Medical Reimbursements: As per the guidelines of the University and UGC, Medical reimbursements are given to employees.</p> <p>Academic Facilities: Dedicated computer rooms in library and staff room with Wi-Fi facility and e-resources are available for the employees.</p> <p>Leaves: Leave rules of the University are adhered to and employees are granted leave as per their entitlement.</p>	<p>Students are facilitated with a support system in multiple forms such as computing lab, library, hostels, transportation, health care etc. There are various forums and committees such as Psychological Counselling Service, Grievance Redressal Cell, SC/ST/OBC Cell, Anti-discrimination Cell, and Anti-ragging Committee to help students. All research scholars get UGC scholarship. Besides, the University has several types of scholarship scheme of its own for undergraduate and post graduate students.</p>

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Central University of South Bihar has accounts and finance department headed by Finance Officer. This administrative department controls the data related to all financial and money transactions of the University through budget allocation. Financial allocation for day to day activities and yearly requirement for running all academic and administrative departments is carried out thoroughly by this committee. The institute has to prepare yearly audited statements and Income expenditures statements for the year for which services of the government certified auditors are used. As a mandatory part the University also completes audits of its finances by the government appointed auditors.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	0	NA
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	NA	No	NA
Administrative	No	NA	No	NA

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

NA

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

1. Assistance provided to parent from the well being clinic under the school of psychological and human sciences. 2. Legal aid provided by school of Law and Governance. 3. Under Community development cell technological know how is being provided to the needed family.

6.5.4 – Development programmes for support staff (at least three)

1. Inter Departmental Exposure are provided to the support staff. 2. Yoga training for fitness. 3. Sensitization towards cleanness under Swachh Bharat Abhiyan.

6.5.5 – Post Accreditation initiative(s) (mention at least three)

1. Sincere effort has been done for substantial development of teaching learning and evaluation process. 2. Introduction of CBCS system in a true spirit. 3. Magnificent campus development task accomplished and some are under progress.

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	Updation of Alumni Database	22/10/2020	22/10/2020	22/12/2020	14
2020	Development and Redesigning of University website	22/10/2020	22/10/2020	22/10/2020	14
2020	Encouraged	22/10/2020	22/10/2020	22/10/2020	14

	ntages	local community					
2019	1	1	15/10/2019	45	Remedial Programme under Unnat Bharat Abhiyan Cell	The team gave counselling to students and tried to solve the problem related with their syllabus. They had offered counselling to students enrolled in Class VI to X for Science, Mathematics, Social Science and related subjects.	53
2019	1	1	24/08/2019	1	????????? ?? ??? ???????? ?? ???????? ???????? ?? ????????? ?? ??? ???????? ????????? ?? ????? ???????? ?? ????? ???????? ???? - ??? ???? ????? ?? ???????? ?? ??? ????? ?? ????? ????? ! ?? ?-??-?? ???????? ?? ???????????? ?? ????? ?? ??? ????? ???	70	

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2019	1	1	01/08/2019	1	Special Plantation Drive	A total of 10000 plants were planted under MGNAREGA scheme for reviving and nurturing the Eco-system	105
2019	1	1	01/09/2019	15	Swachhta Pakhwara	Awareness about cleanliness and water conservation in nearby Schools and Villages	17
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Central University Act, 2009	Nil	http://cusb.ac.in/index.php/central-university-act,-2009
Statute	Nil	http://cusb.ac.in/assets/notices_orders_cir/admin/statuses_of_the_university.pdf
Ordinance	Nil	http://cusb.ac.in/images/cusb-files/2018/policy/gazette_cusb.pdf

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Workshop on Behavioural skills for effective living and Stress management	15/10/2019	16/10/2019	32
Communal Harmony	19/11/2019	25/11/2019	155

No file uploaded.

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- Zero discharge water system: not a single drop of water goes out of the campus. A perfect mechanism is developed for recycling of used water and harvesting rain water for sustainable development and restoration of ecosystem.
- Day light conservation: Minimum 30 of living area has been covered by Day light as prescribed in NBC 2005. construction throughout the campus are delicately designed to utilize most of the day light, in turns, limiting the use of electricity.
- Double toughened glass to maintain cozy environment inside the room, thus reducing electricity consumption and save the environment with a tag line „less consumption less emission?
- Sewage treatment plant for reuse of water and maintaining eco system.
- Heat resistant tiles (HRT) on the roof to maintain the temperature: Due the use of heat resistant tiles the university has capped the use electricity to a huge extent.
- Eco Friendly Fly Ash Bricks has been used. In addition, during the construction phase the master layout plan has been designed in such an efficient manner with almost zero deforestation.
- Use of Low VOC (Volatile Organic Compound) paints/adhesives/sealants. Minimum ozone depleting substances.
- Use of Exhaust Stack for diesel generator of height approx. 30 mtr complying CPCB norms.
- Use of green refrigerant gases in HVAC system. Further, use of VRV based HVAC system to reduce power consumption.
- Soil conservation: utilizing soil taken out during construction for plantation and leveling of uneven terrain inside the campus. Thus, saving the ecosystem and developing a divine environment for students.
- Preserve and protect landscape during construction/compensatory depository forestation.
- Automatic light in washroom to switch off when not in use.
- Use of biological materials inside the campus for plantation to avoid any use of synthetic substances in order to maintain soil fertility and ecological balance, thus minimizing pollution.
- Non-use of plastic materials inside the campus

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Institutional Best Practices: 1. Environmental concern: an eco-friendly green campus 2. Fostering interdisciplinary research and studies 3. Transparent code of conduct and digitization

Title of the Practice 1 Saving ecosystem: A need of society for sustainable development

The Context Situated near a geographically unfavorable terrain with limited underground water and rocky bed, the University water consumption should have to be self-sustained. Sometimes even in monsoon season, it rains very little. Due to this the region is considered as drought prone area. Keeping these things in mind, the institution gives utmost priority to protect its greenery and water resources, so it is imperative to build up water table resources.

The Practice

- Zero discharge water system: not a single drop of water goes out of the campus. A perfect mechanism is developed for recycling of used water and harvesting rain water for sustainable development and restoration of ecosystem.
- Day light conservation: Minimum 30 of living area has been covered by Day light as prescribed in NBC 2005. construction throughout the campus are delicately designed to utilize most of the day light, in turns, limiting the use of electricity.
- Double toughened glass to maintain cozy environment inside the room, thus reducing electricity consumption and save the environment with a tag line „less consumption less emission?
- Sewage treatment plant for reuse of water and maintaining eco system.
- Heat resistant tiles (HRT) on the roof to maintain the temperature: Due the use of heat resistant tiles the university has capped the use electricity to a huge extent.
- Eco Friendly Fly Ash Bricks has been used. In addition, during the construction phase the master layout

plan has been designed in such an efficient manner with almost zero deforestation. • Use of Low VOC (Volatile Organic Compound) paints/adhesives/sealants. Minimum ozone depleting substances. • Use of Exhaust Stack for diesel generator of height approx. 30 mtr complying CPCB norms. • Use of green refrigerant gases in HVAC system. Further, use of VRV based HVAC system to reduce power consumption. • Soil conservation: utilizing soil taken out during construction for plantation and leveling of uneven terrain inside the campus. Thus, saving the ecosystem and developing a divine environment for students. • Preserve and protect landscape during construction/compensatory depository forestation. • Automatic light in washroom to switch off when not in use. • Use of biological materials inside the campus for plantation to avoid any use of synthetic substances in order to maintain soil fertility and ecological balance, thus minimizing pollution. • Non-use of plastic materials inside the campus

Evidence of Success

- Creation of self-sustainable water resources.

Title of Practice 2 Implementation of interdepartmental research activities for students and orienting faculties to foster interdisciplinary research and studies

Objective of the Practice Providing an option to the students to select courses from the prescribed courses for developing their soft skills to face the challenges in the real world. It provides a „cafeteria? approach in which the students can take course of their choice, learn at their own pace, study additional courses as per the current demand in the job market.

This ensures a promotion of an inter-disciplinary approach for teaching and learning process. The Context Understanding the need and necessity of an interdisciplinary approach in research and studies, the university has initiated an interest based knowledge sharing to ascertain a proper skill development and foster multidisciplinary research activity based on one?s interest. Even students are allowed to participate and contribute to it. In this regard, a mentor is allotted to each and every student to look into their interest on one to one basis and help them chose a right course and discuss innovative ideas to explore. It certainly helps the students for shaping their future and interns helps in developing a skilled workforce for future. To fertilize innovative brain by timely provided ingredients, the university ensures that the faculty are oriented to promote interdisciplinary approach through inter-departmental, inter-university and international collaborative research activity.

The Practice

- Collection and analysis of the feedbacks from various stakeholders for preparation of a concise and comprehensive action plan.
- Time to time Meeting of IQAC team for recommendations and communication thereon with the university competent authorities.
- Assigning department wise coordinators for local recommendations and/or suggestions.
- Constitution of Innovation cell for promoting and supporting innovative ideas.
- To keep abreast with the advances in their areas of research specialization, the faculty are encouraged to attend conferences organized by Professional Societies, Institutions workshops on frontiers of science, individual training in National laboratories and premier research organizations. The University provides partial and full partial support to faculty for attending conferences.

In addition, faculties are promoted to submit major research projects to National and International public funding agencies. • To fulfil the basic requirements for such activity and improve collaboration with various national and international institutions, the University provides partial support to faculty for organizing Seminars and Conferences. • In order to inculcate such research culture, the curricula of both postgraduate courses are tagged with Project/internship works as a complete paper in at least in 1 semester for most of the curriculum. For every student will have to take up a research project based on his interest. A specialized supervisor in the selected field is allotted to the students for their supervision and/or guide. In this way Master student learns how to identify research problem, planning of experimental strategies, their execution, compilation data and their analysis, interpretation and logical conclusions. Moreover, during this, the students

gets an ample exposure to various research laboratory and eminent scientists and scholars across the country. Evidence of Success • An increased number of students opting for higher education to explore their innovative ideas and contribute to the socio-economic growth of the nation. • Regular updation of the syllabus to update recent trends. Problem Encountered and Resource Required The important criterion and necessary resources and/or prerequisites for achieving the goal for promoting multidisciplinary research and achieve an excellence in the field various key issues has to be keep in mind. The university experienced many issues which hinders the promotion and implementation of such activity. One of such issue is regarding inclusion of every such activity in the curriculum so that the students engage themselves and keep their zeal alive. Moreover, sometimes regional, economical, national issues and lack of sufficient fund possess a serious problem for smooth running of such activity.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://www.cusb.ac.in/images/cusb-files/2020/igac/best_practices.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The prime vision of the University is to contribute towards the socio-economic development of the young generation by aspiring them through excellence in science and technology along with human values. A consistent effort has always been made for the technical skills development of the enrolled students and non-teaching staffs as well. Providing a proper platform for their extra skill development to meet the rapid technological development in the world is our prime motive. The year remained quite happening in various avenues and full of achievements for the university. The enrolled students and research scholars in various programs had given their best in Academic curriculum to maintain the university's vision of 'Academic Excellence'. Students of the university represented their Alma Mater at various platforms in extra co-curricular activities and brought laurels. At the same time, many bright students got job placement and prestigious government jobs like PSC, cleared NET, JRF exams etc. and also became recipient of scholarships and fellowships. The faculty members besides giving their best in pedagogics and guiding their research scholars also kept themselves engaged in enhancing their skills and knowledge by participation in conference, workshop, refresher courses, etc. They also got their articles and papers published in reputed national and international journals, books and magazines. These achievements have been summarized and shared in the annual report for 2018-19. In this period the university also witnessed fast infrastructure development and new buildings of School of Education and Guest House are almost in final stage. Meanwhile, the university also succeeded in getting funds for construction of new buildings such as staff quarters, 600-bed hostel, health centre, and central library. Likewise, with high hopes to witness a bright future for the university in the coming years, both in academic and infrastructure, hereby we are expecting a growing trend here on.

Provide the weblink of the institution

http://www.cusb.ac.in/images/cusb-files/2020/igac/institutional_distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

Continuing with the consistent effort from the previous years, the university has seen many academic reforms in the form of ordinances and regulation

associated with teaching-learning process. In order to match with Global Standards for imparting quality education and promoting quality research, the university invested in developing various research laboratory along with various automation initiatives and e-governance solutions. This has opened a new frontier for quest of knowledge with the following future plan of action for the next academic session to reach the target: - 1. Implementation of e-library for easy access of the resources all stakeholders. 2. Implementation of ICT/e-governance in all the administrative academic section. 3. Revising guidelines for operation of project for supervisor. 4. Signing MoU's with the university/institute of eminence for student and faculty exchange. 5. Increasing International collaboration for Academic Interaction and Research Resource Exchange. 6. Implementation of centralized instrumentation facility. 7. Infrastructure Development (Hostels, Library, Residential Quarters, Animal House, Shopping Complex, Health Centre and allied services etc.) 8. Opening of new departments (Geology and Pharmacy)