SELF STUDY REPORT

FOR

1ˢᵗ CYCLE OF ACCREDITATION

BANDA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY BANDA

BANDA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, BANDA
210001
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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

(Draft)

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Banda University of Agriculture & Technology, Banda has been established in 2010 to serve the region with trinity concept i.e., teaching, research and extension. Bundelkhand region of Uttar Pradesh, comprising seven districts viz. Jhansi, Lalitpur, Banda, Mahoba, Hamirpur, Chitrakoot, Jalaun, has unique agro-climatic conditions. The geographical area of the UP-Bundelkhand is 2.94 million hectare which is about 12.21% of the state. The Bundelkhand region is characterized by some of the lowest levels of per capita income and human development in the country. Local inhabitants rely primarily on rainfed single crop agriculture and small-scale livestock production for their livelihood. Crop production, livestock rearing and seasonal outmigration provide more than 90% of rural income in the Bundelkhand region. In Bundelkhand, *Rabi* crops are grown on about 69% area whereas kharif crops are grown on about 31% area. The commonly grown field crops during *Kharif* season are paddy, maize, jowar, bajra, black gram, green gram, pigeon pea and sesame and the *Rabi* season crops are wheat, barley, pea, gram, lentil, mustard and linseed. Agriculture production consists of more than 56% of cereals, 32% of pulses, 8% of oil seeds and 4% other crops. UP Bundelkhand is predominantly a pulses-growing region. There has been a huge drop in cultivation of cereals and millets as a whole since 1984-85. This is on the account of virtual disappearance of bajra and barley, and reduction in area under cultivation of jowar.

In general, crop productivity is very low in this region. Low input use, credit, farmer tools, major area falling under rainfed situation, poor adoption of improved technology and underutilized irrigation potential are some of the constraints in increasing production and productivity of crops. The region also suffers from frequent droughts and water scarcity. The Bundelkhand region experienced severe drought conditions in every 16 years during last two decades. However, the frequency of drought has increased 3 folds from 1968 to 1992. Intensification of crop diversification, innovative cultivation practices, improving seed replacement rate with high yielding varieties, promoting more sown area in the *Kharif* season are important interventions.

Vision

To emerge as a global Centre of excellence of Teaching, Research and Extension in Agriculture and Allied Sciences in the country to ensure sustained healthy food, nutrition and livelihood security" Teaching • To produce scientifically and technically sound students • To Implement pedagogical tools and techniques and integration with traditional teaching methods • To develop e-content (E-courses, Manual, Modules etc.) • Collaboration with National and International institutes • Upgradation of knowledge and Technical skills of the students Res

Mission

The university is committed to the cause of Indian agriculture through its quality teaching, demand-driven and location-specific research and extension programmes in the light of dynamism of socio-economic and agro-ecological conditions, management perceptions, international trade scenarios and government policies.

Teaching

- To create human resource, trained in agriculture and allied sciences that may cater to the need of 21st century.
- To produce, scientifically and technically sound graduates with entrepreneurial skills, who can provide employment to unemployed rural and urban youth.
- To develop technical skills for coordinating agriculture with industry.

Research

- To generate innovative agricultural technologies to make Indian agriculture globally competitive.
- To apply all possible sources of scientific interventions to the solution of the technical and practical problems of agriculture.
- To boost basic strategic research to accelerate the progress of agriculture with the inputs of fundamental knowledge.
- To formulate specific package of practices for optimization of farmer's income of different holding sizes viz. large, medium, small and marginal.

Extension

- To disseminate the innovative agricultural technologies among the farmers.
- To establish partnership with growers/farmers, entrepreneurs and other stakeholders in agriculture for mutual benefit.
- To make the agricultural technologies more demand-driven.
- To facilitate validation, demonstration and adoption of appropriate agro-technologies.
- To achieve economic and environmental sustainability through integrated management of productivity, production, marketing and end use of farm produce.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- BUAT is an Autonomous university.
- University is working on trinty concept Teaching, Research and Extension.
- University have a sufficient campus of 948 acres area in the main campus with four constituent colleges including 05 research stations and 7 KVKs.
- Highly qualified experienced, research oriented teachers.
- Implementation of course curricula in both UG as per fifth Dean's committee report and PG programmes as per 19th BSMA recommendations of ICAR.
- University have Semester scheme with continuous assessment of students.
- University have statium and good sport facility.
- Effective teaching learning process with adequate ICT infrastructure, Computer Centers and GIS Labs.
- The development of organizing skills, leadership qualities, and social empathy in students through activities such as blood donation, awareness programmes on current issues by means of Sports, NCC and NSS.
- University have Entrepreneurship, Personality and skill development activities. Multidisciplinary research with several collaborative programmes with excellent environment for fostering research among faculty and students through dedicated Directorate and appropriate endowment support. Strong support for research projects with the state-of-the art laboratories such as Central laboraty.

- University have Green campus with well-equipped infrastructure including Wi-Fi for teaching, research and extension activities.
- Fully equipped library with latest editions of books, journals, e-books/e-journals of national and international repute. Automation of Library, Examination Unit and administrative units. Academic Management System is initiated.
- Alumni association

Institutional Weakness

- Lack of international faculty with quality research credentials
- Lack of strong/active industry- Institute interface.
- Insufficient consultancy work and patented research contributions.
- Limited industry institution interaction
- Delay in recruitment process due to procedural hurdles

Institutional Opportunity

- More opportunities for innovation in pedagogy and usage of ICT for quality teaching
- Increased interaction with industries for improved employability and enhance student admissions in Master's programme.
- Scope for international exposure through association and collaborations with Universities
- Scope for farmer-centric innovations through available research eco-system.
- Attracting global students through academic excellence and support system.
- Availability of interested and committed youth power; Vibrant and aspiring student community in a variety of excellent educational institutions which are part of our regional ethos
- Interdisciplinary research opportunities: possibility for joint research projects with the nascent/new HEIs in the region and outside.
- Faculty members with international exposure, through fellowships/project funding/ collaboration, has enabled global joint ventures in research and industry and created placement opportunities.
- Attracting a wider range of international students from many countries by showcasing University faculties
- With autonomous status, university can develop good academic standards
- With highly qualified and experienced faculty members University can apply for centre for potential excellence in areas like organic farming, IFS etc.
- Enhanced support from alumni in institutional development and placement opportunities.

Institutional Challenge

- Attracting global students in the present competition in the education field
- Meeting the growing expectation of the stakeholders especially farmers.
- Establishing high-end research facilities due to the rise in the cost of education.
- Retention of quality faculty members owing to the establishment of new institutions and Universities.
- Increasing resource mobilization
- Creating an environment for new horizons / out-of-the-box thinking for innovations
- Creation of new positions for institutional expansion

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- Strengthening of research incubation centre for industry interaction with international collaborations
- Enhancement of consultancy work
- Enabling applications for new patents arising out of research contribution.
- Obtaining the services of specialized guest and visiting faculty
- Establishing industry institution linkages.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The university thrives on its demands and challenges because of its excellent curriculum, which is specifically developed and implemented to foster in its students a scientific aptitude and professional abilities. As the university is situated in the Bundelkhand region, it consistently upholds its commitment to addressing local needs, with a primary focus on its own development and expansion. The courses offer in various degree programmes, demonstrate their applicability on a local, regional, and worldwide scale. With its high standards of instruction, demand-driven, site-specific research, and extension programmes, the university is dedicated to advancing Indian agriculture in the context of changing socio-economic and agro-ecological conditions, management perspectives, global trade scenario, and governmental policies.

The university's academic programme promotes entrepreneurship among its students. The proliferation of new technologies and the growth of agriculture sector at the state and national levels, together with the attraction of school dropped out youth, demonstrate the supreme significance of the curriculum. Courses like Practical Crop Production and Student-READY (Rural Entrepreneurship Awareness Development Yojana) programme includes element like industrial attachment, in-plant training, work experience in rural agriculture, skill development training, and experiential learning. The university's curricula have been somewhat reorganized and updated to increase opportunities for entrepreneurship and employability in unexplored fields of agriculture and allied sciences. To orient the practical skills among the students, all programmes of the university also contain field projects as essential part of the curricula.

Cross-cutting concerns centered on gender, human values, professional ethics, climate resilience and sustainability are included in university curricula. The numerous events are regularly organized in the university that highlights moral principles, practical skills, and academic ethics. The university has also attempted to meet the sustainable development goals and objectives of NEP 2020 while taking into account the global aspect of agricultural education in the context of technological, socio-economic, environmental, and livelihood security. There is a regular mechanism of feedback collection and analysis through the Internal Quality Assurance Cell to strengthen the over-all academic environment of the university.

Teaching-learning and Evaluation

Banda University of Agriculture & Technology has a systematic procedure to enhance teaching and learning in the campus. The admission on 85 % seats of all the four Under -graduate, 17 Post -Graduate, and 10 Ph.D Programmes are accomplished through Uttar Pradesh Combined Entrance Examination. In UG, 15 percent seats are filled through ICAR- All India Entrance Examination.

Students come from diverse socio-economic backgrounds across the all states of country and the faculty members make every effort to identify slow, average and advanced learners and make efforts to address the special needs through various methods of teaching and assessment. The average percentage of seats filled for various socially and economically marginalized sections of the society is more than 90 percent with the reservation policy of the Government of Uttar Pradesh and Government of India.

The student-teacher ratio has been maintaining as per standards to imparting quality education and trained skill-oriented graduates. The University has been implemented several student-centric methods for enhancing learning experiences. The use of technological tools like ICT, e-learning resources, agriculturally based live units, research blocks, Lecture recording virtual class rooms is another special feature of the University's teaching and learning process. University has adopted ICAR Academic Management System for registration, attendance, course contents and result declaration. University has also adopted Agri-DIKSHA (Agri Web Education Interactive portal) for facilitating teachers to leverage digital application for improved learning outcomes through developing high-quality, easy-to-understand teaching material for students. The academic profile of the teaching faculty of the University meets national and international standards with recipients of prestigious awards.

The office of the Controller of Examination is very efficient in declaring the results within 20 days and the average percentage of applications for revaluation is minimal. The admission cell of the university is very efficient and well managed all student data with AMS portal and all degrees are registered in Digi locker. Programme Outcomes and Programme Specific Outcomes of UG, PG and Ph.D programmes, respectively are displayed on the website for the benefit of teachers and students. Success rate of students in progression, jobs and entrepreneurship is very high.

Research, Innovations and Extension

The research facilities in the University are updated from time to time are there is well defined research policy for implementation of research programmes. For research execution, monitoring and evaluation, there are routine organization of Research Council Meetings, Rabi & Kharif workshops and review meetings in the University. During last five years the University has sanctioned Rs.261.40 lakh as seed money for research (52.28 lakh per yers) to its faculties. During assessment period 60 faculty members (75.60%) have received national and international fundings for advanced research and three Ph.D. students and 26 Research Fellows (45.31%) have received fellowship for research from National and International agencies. The University has received Rs. 5609.32 lakh under 111 research projects from government and corporate sectors. The University has also created an ecosystem for innovation by establishment of IPR Cell, ITMU Unit, Incubation centres and Indian Knowledge System through Natural & Organic Farming, Field Gene Bank for conservation of biodiversity, conservation centre for local animal breeds like Kenkath cow, Bundelkhandi goat and Jalauni sheep. The University has its code of ethics in research, ethics committees, research ethics in course programme, research advisory committee and Urkund software for checking plagiarism in research. There are four IPRs in the form of released varieties of crops. The teaches have published 204 research papers in journals notified by UGC CARE and 182 book and book chapters during last five years with citation index of 7.81 and h-index of 15.0. The University has developed e-contents for Institutional LMS and Uttar Pradesh Council of Agricultural Research website. During last five years, the University has generated 205.86 lakh from corporate consultancy in research. The University has done 2482 extension programmes among neighborhood community through NSS students and Krishi Vigyan Kendra and there are visible outcomes of extension activities particularly in agricultural technology demonstration & dissemination, rescuing T.B. patients of the district, clinliness & massive plantation drive and abolition of *Anna Pratha* (let unproductive cattle loose). The

University has also signed and executed collaborative programmes with different Institutes in the field of agricultural research and academics.

Infrastructure and Learning Resources

- The University has adequate infrastructure facilities in accordance with the guidelines and norms laid down by statutory body, Indian Council of Agriculture Research (ICAR), New Delhi for teaching-learning, research, extension and extra-curricular activities. The 41 class rooms have embraced with Wi-Fi including 17 enabled with LCD projectors and one each with LCS and AR/VR facility. The eleven departmental seminar halls enabled with LCD projectors/smart boards, three computers and one GIS lab with internet connectivity, well-equipped 47 laboratories and one Central Laboratory with **modern** equipments are sufficient for academic discourse. The Online Academic Management System (AMS) developed by ICAR – IASRI is being implemented in the university. Being Agriculture University, it has well developed farm land of 42 ha. along with facilities like; irrigation, water harvesting ponds, go downs, weather information system, protected poly houses, animal house and adequate farm implements/machineries to conduct the field based practical's and research experiments of the students.
- The university has outdoor sports facilities include one playground with pavilion, one cricket pitch, two kabaddi, one football field, one running track (400m), two volleyball courts and five badminton courts. A well-equipped gymnasium & recreational rooms are being provided indoor facilities for table tennis, carom, chess and weight training equipments. A well space and large two multipurpose halls with about 400 seating capacity each are available to organize regular cultural events.
- The Rashtrakavi Maithlisharan Gupt library of University is automated with KOHA ILMS software, version 19.11.14.000. Faculty and students can access 5116 e-journals related to Agricultural & Biological Sciences and 32 e-books available in the library. The total number of titles of books is 1545 and total volumes are 13,269. The library is optimally used with the average of 72% by students and faculty members.
- The university has roughly 200 network connections with sufficient bandwidth available of 50Mbps (leased line) to access internet for academic and administrative purposes.
- There is separate estate section to look after the repair and maintenance of classrooms, laboratories, library, indoor and outdoor sport facility, hostel, residence etc. through concern Head/in charge of the section and Standard Operating Procedure.

Student Support and Progression

Banda University of Agriculture & Technology (BUAT) has prioritized comprehensive career counseling and competitive exam guidance for its undergraduate and postgraduate students across its constituent colleges, including College of Agriculture, College of Horticulture, College of Forestry, and College of Community Science. Over the past five years, BUAT has implemented various initiatives to empower students and enhance their academic success and future career prospects.

One key initiative is the establishment of an advisor/mentorship system, providing personalized guidance to students in setting academic goals and overcoming challenges. Additionally, BUAT has set up Junior Research Fellowship (JRF) Guidance Cells in all its colleges, offering specialized assistance to students preparing for competitive exams in agriculture and allied sciences. These cells organize extra classes and mock tests to enhance students' preparation. To promote inclusivity, BUAT has procured online software tailored for students from economically weaker backgrounds to prepare for competitive exams such as

JRF/SRF/IBPS/UPSC/UPPSC/FCI. This software offers accessible study materials and interactive learning modules.

Furthermore, the Student Council at BUAT plays a vital role in promoting student welfare activities, representing student interests to the university administration, organizing cultural and academic events, and supporting student welfare and community engagement initiatives. By fostering a dynamic campus environment, the Student Council contributes to the holistic development of students. Moreover, the BUAT Alumni Association (BUATAA) plays a significant role in advancing the university's goals through financial contributions, placement support, mentorship, and networking opportunities. Alumni members contribute funds, facilitate student placement, provide mentorship, and foster collaboration among alumni and the university community.

University is commited to career counseling, student welfare, and alumni engagement underscores its dedication to nurturing well-rounded individuals and fostering a thriving academic community. Through these initiatives, BUAT continues to prepare students for successful careers and lifelong learning.

Governance, Leadership and Management

The **governance, leadership and management** of the university embraces **decentralization and participative management** as core principles, evident within its Act & Statutes which is prominently articulated in Vision 2033 document. Operational autonomy is facilitated through a well-defined organogram, empowering all members of the institution whereas **participation** of different stakeholders in the institutional governance is promoted in the University where Honorable Chancellor participates regularly through academic and administrative monitoring.

The University is establishing new colleges and degree programme to increase student intake capacity for achieving **Gross Enrolment of 3000** students as per **NEP 2020**. To foster **sustained institutional growth**, the University is converting waste and ravine land into cultivable, developing innovative agri-technologies, installing solar panels on rooftops, advancing research facilities, implementing sewage treatment plants, and rainwater harvesting structures.

The university exhibits a **transparent system** in its functioning through governing bodies and it's administrative setup including various Directorates, Colleges and Departments. The university implements **e-Governance** in its areas of operations viz. **Administration, Finance and Accounts, Student Admission and Support and Examination**. The University has a comprehensive performance appraisal system, promotional avenues and holistic welfare measures for teaching and non-teaching staff.

University strategically plans for raising fund and making the best use of available resources follows a mechanism for raising funds and ensuring accountability in financial management. The funds are primarily used for teaching, research and extension infrastructure and maintenance of the University. The University regularly conducts internal and external financial audits.

IQAC has contributed significantly for institutionalizing the quality assurance strategies and process by constantly reviewing the teaching-learning process, structures, and methodologies of operations, and learning outcomes at periodic intervals with help of different institutional Cells viz. Board of Studies (BoS), Academic Council (AC), Board of management (BoM), Research Council (RC), Extension Council (EC,) College Research Advisory Committee (CRAC), Grievance Cell etc. **Academic and administrative audit** is regularly

monitored at highest level by Honorable Chancellor followed by university level audit through Hon'ble Vice Chancellor, Board of Management and academic council meetings for the enhancement of quality of teaching, learning, research and governance.

Institutional Values and Best Practices

NAAC Criteria VII evaluates the institution's commitment to institutional values and social responsibilities, encompassing various facets such as gender equity, sustainable practices, inclusivity, and community engagement. BUAT Banda demonstrates a comprehensive approach towards fulfilling these criteria, reflecting its dedication to holistic development and societal impact. Gender equity is prioritized within the campus environment, ensuring equal opportunities and support for all individuals regardless of gender. Facilities for alternate energy and energy conservation underscore the institution's commitment to environmental sustainability, reducing its carbon footprint and promoting renewable energy sources. Efficient waste management practices and water conservation initiatives further demonstrate BUAT Banda's environmental stewardship, contributing to a green campus environment. Rigorous quality audits including green audit, environment audit, and energy audit ensure adherence to sustainability standards. Beyond campus boundaries, the institution conducts environment awareness programs, instilling a sense of responsibility towards the ecosystem. BUAT Banda prioritizes inclusivity by providing facilities for differently-abled persons and promoting a welcoming atmosphere for all individuals. Sensitization efforts extend to constitutional obligations, fostering a culture of respect for legal frameworks and societal norms. The institution upholds a code of conduct displayed on its website, emphasizing ethical principles and accountability. Best practices such as the Kamadgiri Nandi Nadini Abhyaranya initiative address practical challenges, offering solutions to issues like stray cattle while promoting sustainable solutions. Initiatives like the Bundelkhand Organic Corridor exemplify BUAT Banda's commitment to sustainable agriculture, promoting prosperity while safeguarding the environment. The university's distinctiveness is evident in its women-friendly campus, fostering an environment where women feel empowered and supported. This commitment goes beyond token gestures, encompassing policies and practices that address the unique needs and challenges faced by women in academic and professional spheres.

In summary, BUAT Banda exemplifies excellence in meeting NAAC Criteria VII through its comprehensive approach to institutional values and social responsibilities. From gender equity and sustainable practices to inclusivity and community engagement, the institution embodies a commitment to holistic development and societal impact, the university emerges as a beacon of responsible and progressive higher education.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the University	
Name	BANDA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY BANDA
Address	Banda University of Agriculture and Technology, Banda
City	Banda
State	Uttar pradesh
Pin	210001
Website	www.buat.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	Narendra Pratap Singh	05192-232312	9935789160	05192-232305	registrar.buat@gmail.com
Registrar	Surendra Kumar Singh	05192-232318	9519444630	05192-232308	surendra34_72_singh@yhaoo.com

Nature of University	
Nature of University	State University

Type of University	
Type of University	Unitary

Establishment Details	
Establishment Date of the University	02-03-2010
Status Prior to Establishment,If applicable	Other
Establishment Date	01-01-1970
Any Other, Please Specify	UP Agri Uni Act (rev) 1958 Gazette Adhiniyam 2010

Recognition Details		
Date of Recognition as a University by UGC or Any Other National Agency :		
Under Section	**Date**	**View Document**
2f of UGC	14-02-2023	[View Document](#)
12B of UGC		

University with Potential for Excellence	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

Location, Area and Activity of Campus							
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**	**Program mes Offered**	**Date of Establishment**	**Date of Recognition by UGC/MHRD**
Main campus	Banda University of Agriculture and Technology, Banda	Semi-urban	27.71731	112167.9	Thirty one		

2.2 ACADEMIC INFORMATION

Affiliated Institutions to the University

Type of Colleges	Permanent	Temporary	Total

Furnish the Details of Colleges of University

Type Of Colleges	Numbers
Constituent Colleges	4
Affiliated Colleges	0
Colleges Under 2(f)	0
Colleges Under 2(f) and 12B	0
NAAC Accredited Colleges	0
Colleges with Potential for Excellence(UGC)	0
Autonomous Colleges	0
Colleges with Postgraduate Departments	3
Colleges with Research Departments	3
University Recognized Research Institutes/Centers	5

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)	: Yes

SRA program	Document
ICAR	110864_7010_3_1704979674.pdf

Details Of Teaching & Non-Teaching Staff Of University

	Teaching Faculty											
	Professor				**Associate Professor**				**Assistant Professor**			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	11				32				66			
Recruited	5	0	0	5	21	2	0	23	47	12	0	59
Yet to Recruit	6				9				7			
On Contract	0	0	0	0	0	0	0	0	0	0	0	0

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned				8
Recruited	7	0	0	7
Yet to Recruit				1
On Contract	24	1	0	25

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned				0
Recruited	0	0	0	0
Yet to Recruit				0
On Contract	0	0	0	0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	5	0	0	21	2	0	43	12	0	83
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Distinguished Academicians Appointed As

	Male	**Female**	**Others**	**Total**
Emeritus Professor	0	0	0	0
Adjunct Professor	0	0	0	0
Visiting Professor	0	0	0	0

Chairs Instituted by the University

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Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency

Provide the Following Details of Students Enrolled in the University During the Current Academic Year

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	827	59	0	0	886
	Female	115	19	0	0	134
	Others	0	0	0	0	0
PG	Male	106	0	0	0	106
	Female	42	0	0	0	42
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	56	0	0	0	56
	Female	9	0	0	0	9
	Others	0	0	0	0	0

Does the University offer any Integrated Programmes?	No

Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	02-03-2010
Number of UGC Orientation Programmes	0
Number of UGC Refresher Course	0
Number of University's own Programmes	31
Total Number of Programmes Conducted (last five years)	0

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
College Of Agriculture	View Document
College Of Community Science	View Document
College Of Forestry	View Document
College Of Horticulture	View Document
Department Of Agricultural Economics	View Document
Department Of Agricultural Extension	View Document
Department Of Agronomy	View Document
Department Of Basic And Social Sciences	View Document
Department Of Entomology	View Document
Department Of Floriculture And Landscape Architecture	View Document
Department Of Forest Biology And Tree Improvement	View Document
Department Of Forest Products Utilization	View Document
Department Of Fruit Science	View Document
Department Of Genetics And Plant Breeding	View Document
Department Of Natural Resource Management	View Document
Department Of Plant Pathology	View Document
Department Of Post Harvest Technology	View Document
Department Of Silviculture And Agroforestry	View Document
Department Of Soil Science And Agricultural Chemistry	View Document
Department Of Statistics And Computer Science	View Document
Department Of Vegetable Science	View Document

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	Government of India announced NEP-2020 with a view to complete overhaul and re-energising the higher education system. The agriculture education in India is guided by National Agriculture Research and Education System (NARES) led by Indian Council of

	Agriculture Research (ICAR) New Delhi. 1. For enhancing GER the university is regularly conducting workshops/exposure visits to orient the students of High school and Intermediate schools towards higher agriculture education. The strength of admitted students as per the alloted seats by Government of Uttar Pradesh is in increasing trend. 2. New program and courses have been started to make the visibility of the university as a multi disciplinary institution. However, it needs to expand to become teaching and research multidisciplinary institution. 3. To make the university as Research Intensive University, we have collaborated with national and international organisation to develop demand driven technologies. 4. Our academic program is semester based and we are offering more practical and skill developing oriented courses. 5. The university academic programs are highly flexible so that learners have the ability to choose their own choice of subjects and excel in the respective fields. Additionally under NEP-2020, ICAR has been designated as the Professional Standards Setting Body (PSSB) of agriculture education. Hence, after approval of the strategy the academic re-structuring of course curricula and re-structuring of the university to meet the requirement of large multi-disciplinary University will be made as per the guideline in near future.
2. Academic bank of credits (ABC):	Universities adhere to ICAR guidelines regarding academic systems and standards in agriculture, horticulture, forestry, veterinary, and fisheries degree programs. To further this, on September 9, 2020, ICAR established a ten-member committee comprising Vice Chancellors of Agricultural, Veterinary, and Fisheries universities, along with ICAR officials, to develop a strategy for integrating the National Education Policy (NEP) into agricultural education nationwide. The implementation of NEP within universities will be in accordance with ICAR guidelines. The committee extensively engaged stakeholders to gather insights, facilitating a thorough analysis by ICAR to devise strategies for NEP and as well as Academic Bank of Credit (ABC) implementation in agricultural education. ICAR is currently formulating guidelines for the implementation strategy in agricultural education. Upon approval of these guidelines, BUAT Banda will undertake the task of redesigning course curricula

	under the purview of the ICAR guidelines.
3. Skill development:	Skills and knowledge are driving forces of economic growth and social development for any country. The university through its various programmes, and Choice based credit system has integrated courses to develop skills amongst the students and making the programmes employable. Courses like Practical Crop Production are designed to cultivate specific skills amongst the students so as to make them employable. The student READY program income passes communication and writing skills industrial attachment experience learning with business mode and rural awareness work experience through village attachment . The Directorate of Training and Placement is assisting the students in developing entrepreneurial skills and placements.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	Indian agriculture represents a wealth of traditional knowledge with centuries of evidence. Through the implementation of the National Education Policy (NEP), University students are now actively participating in village attachments to explore into our traditional agricultural practices, while also familiarizing themselves with the modern tools employed by farmers. Under NEP, University seamlessly integrate new technologies with India's traditional agricultural methods. Presently, there is a increasing emphasis on natural farming to secure sustainable agricultural resources. To bridge the gap between traditional agricultural practices and modern technologies, the University has already established a center of excellence in natural farming.
5. Focus on Outcome based education (OBE):	The university fairly addresses the cause of Indian agriculture through its quality teaching, demand-driven and location-specific research and extension programmes in light of the dynamism of socio-economic and agro-ecological conditions, management perceptions, international trade scenarios and government policies. Hence, the course curriculum developed and implemented manifests its hold on the university mandates (teaching, research and education.) which show the determination to enhance the frontiers knowledge of agriculture and allied sciences. Our programms are designed to prepare graduate to cater the needs of agricultural based occupations and especially livelihood, nutritional and food security of nation. Enhancing the

	scientific skills and understanding among the students to develop a research base and implementation of the policies to tackle the burning issues at global and local level. To prepare the students primarily to understand the rural situations, status of Agricultural technologies adopted by farmers, prioritize the farmer's problems and to develop skills & attitude of working with farm families for overall development in rural area is highly important. Creating awareness and sense of responsibilities towards environment security and apply knowledge to solve the national and global problems related to environment and sustainability issues are the major outcomes.
6. Distance education/online education:	In view of NEP, University has adopted Agri Diksha web interactive portal to connect with all agriculture Universities National wide. With these facility students are benefited to get quality teaching material and knowledge base experiences. University is regularly uploading recorded lectures for offline/online delivery to enhance quality education. University has setup virtual classrooms for online education.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	No However, university is in process to register in Electoral Literacy Club.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	National Service Scheme unit coordinators are contributing for awareness programme of voting.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	The awareness programme for cent percent voting for privileged sections of society is conducted time to time through the various NSS programs.

4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	During one day and 10 days special camps of NSS units have provisions to promote voters and participation in election process. University have also arranged various awareness programme especially oath for voting.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	University encourage to register in the voter's list above 18 years.

Extended Profile

1 Students

1.1

Number of students on rolls year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1233	1122	994	786	562

File Description	Document
Institutional Data in prescribed format	[View Document](#)

1.2

Number of final year outgoing students year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
320	206	182	138	103

File Description	Document
Institutional data in prescribed format	[View Document](#)

2 Teachers

2.1

Number of full time teachers in the institution year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
86	89	92	70	71

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.2

Total number of full time teachers worked/working in the institution (without repeat count) during last five years:

Response: 92

File Description	Document
Institutional data in prescribed fomat	[View Document](#)

3 Institution

3.1

Total expenditure excluding salary year wise during the last five years   (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
14569.34	2155.32	1224.97	897.6	1148.39

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1

Curricula developed and implemented have relevance to the local, regional, national, and global developmental needs, which is reflected in the Programme outcomes (POs), and Course Outcomes(COs) of the Programmes offered by the University

Response:

The university exhibits remarkable progress in curricula development, emphasizing relevance to local, national, and global developmental needs, evident in programme outcomes (POs) and course outcomes (COs). The university remains committed to addressing the requirements for regional growth and development. Courses reflect this commitment, garnering acceptance across all the levels. All the degree programmes focus on local, regional, national and global challenges in farming and yielding impactful outcomes. Hon'ble Chancellor, Board of Management, Academic Council, Board of Studies, and Curriculum Committee are the important pillars in the development and implementation of university curricula.

The university fairly addresses the cause of Indian agriculture through its quality teaching, demand-driven and location-specific research and extension programmes in light of the dynamism of socio-economic and agro-ecological conditions, management perceptions, international trade scenarios and government policies. Hence, the course curriculum developed and implemented manifests its hold on the university mandates (teaching, research and education.) which show the determination to enhance the frontiers knowledge of agriculture and allied sciences.

The course curriculum of the university encourages students to entrepreneurship. Being well-versed and properly trained they help themselves to stand firmly in their respective fields. Their entrepreneurship attracts many people seeking economic security. The relevance of curriculum can be observed as sublime with the expansion of their industry at the state and national level along with the dissemination of new technologies attracting school drop-outs youths in rural and urban areas. The university has been very resilient in redesigning the curriculum to ensure quality enhancement attracting manifold outcomes. Many elective courses are framed for PG and Ph.D. to address the needs of the specific stream that suits at local, regional, national and global levels.

Through the Student-READY (Rural Entrepreneurship Awareness Development Yojana) programme, we have come across with the immediate problems of farmers. Students provide them with the best solution and record their observations/experiences for the research in future. Student-READY and Practical Crop Production courses comprise components like experiential learning, skill development training, rural agriculture work experience, in plant training and industrial attachment. With this, the basic research is being promoted to accelerate the progress in agriculture and allied sectors with inputs of fundamental and technical knowledge reflecting in the curriculum. The relevance of our adopted courses reflects in its comprehensive support even in preparing students for national- level competitive examinations with offered programmes. Our faculty members ensure the addition of contents in the curriculum, and

leveraging the syllabus more effectively. These initiatives aim to positively provide students with the best education facilities and opportunities, empowering them with all required prowess to embark on the journey of professional life.

The University's curriculum is brimming with a specific focus on language and skills too because majority of the students belong to rural background. Acquisition of knowledge of the English language and skills is a high need in this globalization era. Thus, the university introduced an English Club dedicated to honing personality with its specific aims to serve three capacities obliging gathering personality, confirming public solidarity, and increasing regulatory proficiency.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.1.2

The Programmes offered by the institution focus on employability/ entrepreneurship/ skill development and their course syllabi are adequately revised to incorporate contemporary requirements

Response:

The university places paramount importance on addressing the demands of the Bundelkhand region as well as contemporary requirements in the field of agriculture and allied sciences. The course curriculum of the Undergraduate & Post Graduate programmes undergo regular revision through Board of Studies and Academic Council of the university to ensure alignment with evolving recent high-tech industrial requirements. It gives specific emphasis on enhancing employability, fostering entrepreneurship and facilitating skill development among students.

1. he Student READY (Rural Entrepreneurship Awareness Development Yojana) programme in the Undergraduate programme encompasses various components tailored to provide holistic training and experiential opportunities:

Components of the programme: The following components are proposed in the Student READY programme:

i. *Experiential Learning/Hands-on Training* (helps students to develop competence, capability, capacity building, acquiring skills, expertise, and confidence to start their own enterprise and turn job creators instead of job seekers)

ii. *Skill Development Training* (use of Agriculture Systems & devices for enhancing functional skill. It is expected that basic infrastructure and Experiential Learning Units available in universities may help in boosting livelihood-ensuring opportunities)

iii. *Rural Agriculture Work Experience (RAWE)/ Rural Horticulture Work Experience (RHWE)/ Forestry Work Experience (FOWE)* (enables the students to gain rural experience giving them confidence and enhancing on-farm problem-solving abilities in real-life situations, especially in contact with farmers, growers, and other stakeholders)

iv. *In-Plant Training/ Industrial Attachment* (in-plant Training for a short period of time in a relevant industry helps gain knowledge and experience of the work culture. In-plant Training by reputed organizations either MNCs or organized sectors provide industrial exposure to students as well as helps develop their career in high-tech industrial requirements)

v. *Students Projects* (Essential for students interested in higher education. Through this component, they will know how to identify research problems, create experimental setups and to write reports etc.)

All the components as per the suitability of the course i.e. Experiential Learning, Skill Development Training, RAWE/ RHWE/ FOWE, Internship/ In-Plant Training and Student Projects are included in the final year of study for 2 semesters, to provide entrepreneurial skills, confidence and hands-on experience. There are 20 credits for Experiential Learning/ Skill Development Training (24 weeks), 10 credits for RAWE (10 weeks programme) and 10 Credits for Industry Attachment/ Student Project (10 weeks attachment to industry).

In addition, various courses of Post Graduate programmes also focus on employability, entrepreneurship and skill development. Our efforts are aimed at preparing students to excel in agricultural sector whether as skilled employees or enthusiastic entrepreneurs. We believe that by prioritizing employability, entrepreneurship, and skill development we can ensure the success of students and enrich prosperity of the Bundelkhand region.

The Counseling and Placement Cell of the university also motivates to the students through seminar and workshops for generation of the employment opportunities. Our alumni, who developed their enterprises, also nurturing young minds to the respective fields. We look forward to witnessing the growth and progress of our students. Thus the university ensures its offering remain cutting edge and responsive to the changing of agricultural industry.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1

Percentage of new courses introduced out of the total number of courses across all programmes offered during the last five years

Response: 76.3

1.2.1.1 **Number of new courses introduced during the last five years:**

Response: 631

1.2.1.2 **Consolidated number of courses offered by the institution across all   Programmes (without repeat count) during the last five years :**

Response: 827

File Description	Document
Subsequent Academic Council meeting extracts endorsing the decision of BOS	[View Document](#)
Provide the relevant information in institutional website as part of public disclosure	[View Document](#)
Minutes of Board of Studies meeting clearly specifying the syllabus approval of new courses	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	

1.3 Curriculum Enrichment

1.3.1

Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability and other value framework enshrined in Sustainable Development Goals and National Education Policy – 2020 into the Curriculum

Response:

The university curricula imply the integration of cross-cutting issues based on professional ethics, gender, human values, environment and sustainability. Various courses are offered at UG & PG levels to encourage students to imbibe human values and ethics. Courses/ programmes organized are framed for the harmonious existence of humanity. Various other activities/initiatives emphasizing human values, vocational skills, and ethics in academic fields take place at campus. **These courses/ activities highlight basic value systems applicable to professional practices.** Further, the university has also considered the international dimension of agricultural education in the context of technological, socio-economic, environmental, and livelihood security, and sought to achieve the sustainable development goals and objectives of NEP 2020. The *Rashtrakavi Mathailishran Gupt* Central Library has subscribed to **URKUND software for plagiarism** checking of masters and doctoral theses in English.

In pursuance of the UGC/ICAR Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal Act, 2013) the **Internal Complaints Committee and the Women Cell** are constituted to

address issues of women employees at the university to generate their trust in and by conferring them a fearless and friendly environment to excel in the pursuit of their academic career. The Women's Study Centre at the College of Community Science promotes substantial work on women and organizes various programmes viz *Mahila Sammelan*, **Skill Development training for Rural women**. Through many programmes awareness is created on gender inequality, malnutrition, domestic violence, sexual abuse and harassment. The university celebrates all significant days/programmes for women like International Women's Day*, Kanya Diwas and Poshan Vatika Mah*. In such a programme, the university never fails to identify and honour women doing excellent work for the upliftment of women's status at the regional level.

The university encourages students and local denizens to the **awareness and action to protect the nature through the series of extra-curricular activities** like lecture series and other events by well-recognized personalities in the field concerned. Significant days of the environment viz., World Environment, World Soil, Earth, Water, Ozone days are celebrated every year. Disaster management is a mandatory course in UG, PG and Ph. D degree programmes. The University affirms that blending agricultural education with environmental education frameworks is a promising pathway towards boosting environmental responsibility among all segments of society.

Many courses of B.Sc. (Hons.) Community Sciences were aptly designed and implemented to sensitize additionally and to uplift women's position in society in a holistic manner. Additionally, all the NSS Units and KVKs of the university also work for the empowerment of weaker sections through their various drives which genuinely address the cross-cutting issues.

The university advocates professional ethics with ethical principles and acts in good faith, intellectual honesty and fairness. Convictions of ethics do not compromise ethical principles, official duties or the interests of the profession. In completion of all works basically research/ project works (collaborative) are well reviewed in view of professional ethics. All the Principal Investigators/ Co-investigators of the research project and network projects follow ethics in the execution, assessment, and monitoring of the research endeavours.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.3.2

Number of certificate/value added courses/Diploma Programme offered by the institutions and online courses of MOOCs, SWAYAM/e Pathshala/ NPTEL and other recognized platforms (without repeat count) where the students of the institution have enrolled and successfully completed during the last five years

Response: 26

File Description	Document
Provide the relevant information in institutional website as part of public disclosure	[View Document](#)
List of students and the attendance sheet for the above mentioned programs	[View Document](#)
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Evidence of course completion, like course completion certificate etc.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	

1.3.3

Percentage of programmes that have components of field projects / research projects / internships during the last five years.

Response: 100

1.3.3.1 **Total Number of programmes that have components of field projects / research projects / internships (without repeat count) during the last five years**

Response: 31

1.3.3.2 **Total Number of programmes offered (without repeat count) during the last five years**

Response: 31

File Description	Document
Sample Internship completion letter provided by host institutions	[View Document](#)
Provide the relevant information in institutional website as part of public disclosure	[View Document](#)
Program and course contents having element of field projects / research projects / internships as approved by BOS	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

1.4 Feedback System

1.4.1

Structured feedback for curriculum and its transaction is regularly obtained from stakeholders like Students, Teachers, Employers, Alumni, Academic peers etc., and Feedback processes of the institution may be classified as follows:

Response: A. Feedback collected, analysed, action taken & communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Institutional data in the prescribed format (data template)	[View Document](#)
Feedback analysis report submitted to appropriate committee/bodies	[View Document](#)
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	[View Document](#)
Action taken report on the feedback analysis and its report to appropriate committee/bodies	[View Document](#)
Provide Links for any other relevant document to support the claim (if any	[View Document](#)
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 82.4

2.1.1.1 **Number of sanctioned seats year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
487	421	417	417	241

2.1.1.2 **Number of seats filled year wise during last five years (Only first year admissions to be considered)**

2022-23	2021-22	2020-21	2019-20	2018-19
353	351	346	368	216

File Description	Document
Provide the relevant information in institutional website as part of public disclosure	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Document relating to sanction of intake as approved by competent authority	[View Document](#)
Admission extract signed by the competent authority (only fresh admissions to be considered)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 87.8

2.1.2.1 **Number of actual students admitted against the reserved categories in the first year of the programme year-wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
182	174	162	159	100

2.1.2.2 **Total number of seats earmarked for reserved category as per GOI or State Government rule year-wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
223	189	188	177	108

File Description	Document
Provide the relevant information in institutional website as part of public disclosure	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	[View Document](#)
Copy of the letter issued by the State govt. or Central Government Indicating the reserved categories(SC, ST, OBC, Divyangjan, etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.2 Catering to Student Diversity

2.2.1

The institution assesses the learning levels of the students and organises special Programmes to cater to differential learning needs of the student

Response:

Response:

University is committed for the overall development of the students and adopts a holistic plan for the assessment of learning levels of the students. The several measures are being adopted for the enhancement of learning levels such as remedial classes, exposure visits of different units, advanced learners like ICT enabled teaching and learning, counseling, nurturing of students through students-advisory group etc. The university is also established JRF & competitive cell. The stress management of students is also carried out through personal interaction (student-advisory meeting), sports activities, yoga and meditation etc.

Orientation and fresher welcome programme

University organizes orientation programs for the fresher's to help them understand the University system, semester system, academic rules and regulations, Hostel rules etc. The introduction of the competent authorities and faculty members are given to the students to make aware of the systems. Students also got knowledge of the different cells, of the university which support teaching learning. Orientation programme makes students well aware about the university teaching viz., academic activities, allotment of courses, examination pattern, credit system and related jobs and entrepreneurships.

Categorization of slow and advanced learners

Students are categorized in slow and advanced learner based on their previous qualifying examinations marks, admission test ranks, class room performances and performance in mid- term examination. The University follows *'Advisor allotment system'* for the betterment of the students where the teachers are assigned a group of students for mentoring them during the degree programme and conducting regular meeting of advisory group in a friendly way to achieving academic goals.

Adoption of guidelines for slow and advanced learner

Remedial classes for slow learners are organized to clarify the doubts and re-explaining of difficult topics. Quick learners are identified through their performance in examinations and class room discussions. . They are motivated by the instructors, advisors and faculty members to perform better in the University examinations and to get good grades and thereby maintaining the consistent performance to bag university ranks. As English is the medium of the instructions in the undergraduate programme so to ensure better understanding of the students, one elementary course (HSS 110) was introduced in the first year so that students should get command on language. In addition to this, English Club was also started in the University for students who are interested to improve their English language. The university organizes seminars, workshop and literary competitions during the academic session to promote independent learning facilities that contribute to their academic and personal growth. Adopted class room assessment techniques to taking feedback of each class and arranged mock test regularly before JRF/SRF or other test.

Participation in co-curricular and extracurricular activities

The University provides equal weightage to co-curricular & extra-curricular activities. The University has JRF/ competitive cell, which prepare the students for admission to higher education institutes. University library has dedicated section for the aspirants of competitive examination. Further, university has purchased on line competitive e resources from the private player (NIPA New Delhi.).

File Description	Document
Upload Any additional information	[View Document](#)
Provide link for additional information	[View Document](#)

2.2.2

Student - Full time teacher ratio (Data for the latest completed academic year)

Response: 14.34

File Description	Document
List showing the number of students in each of the programs for the latest completed academic year across all semesters	[View Document](#)
Certified list of full time teachers along with the departmental affiliation in the latest completed academic year.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.3 Teaching- Learning Process

2.3.1

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experience and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

Response: 10

To develop competence, capability, capacity building, acquiring skills, expertise and confidence to start their own enterprise and turn "*Job Creators instead of Job Seekers*" the course programme has design including of basic, applied and advanced knowledge which develop understanding about knowledge in subject domain.

Experiential learning

Experiential learning helps the student to develop competence, capability, capacity building, acquiring

skills, expertise, and confidence to start their own enterprise and turn job creators instead of job seeker. The following experiential learning programme is being conducted by the different colleges of the university.

1. Agriculture Waste Management
2. Mushroom production
3. Processing and value addition of fruit and vegetables
4. Commercial vegetable and seed production
5. Nursery production and value addition of flowers
6. Production of quality plant material
7. Value added product of bamboo.

Rural Agricultural Work Experience (RAWE)

RAWE helps the students primarily to understand the rural situation, status of agricultural technologies adopted by the farmers, prioritize the farmer's problems and to develop skills and attitude of working with farm families for overall development in rural area.

Agro- Industrial Attachment (AIA)

The students attached with the agro industries for 3-4 weeks. During attachment students learn acquaintance with industry and staff, study of structure, functioning, ethics of industry. Students also get experience in work in the environment of the industry. It motivates students to work with the private players.

Participative learning

As a part of participative learning, presentations and writing assignments are compulsory for each student. Moreover, trainings, webinars/ seminars/ special lectures are arranged for students on regular basis where besides gaining knowledge, they learn management and participative skills. Provision of practical crop production courses by participative mode creates the leadership quality, managerial competence and profit-sharing valuable course helps to improve students' confidence.

Exposure visit/academic tours and industry attachment

Academic tours, visit of different institutes, crop cafeteria, experimental farms, industry-based internships and attachments, interdisciplinary learning through participative mode, skill development courses, awareness programs on important issues, encouragement to innovations.

Social and Cultural Activities: The University has organized different types of student centric social drives. Individual, departments, different cells, literary committees and sports committees which make continuous and conscious efforts to enable students to realize their potential through participative learning by organizing various types of events, days, clubs and organize functions.

ICT enabled teaching and learning: The University lays stress on the use of ICT tools for communication, creation and dissemination of knowledge. Students are better prepared to deal with ongoing technological changes in society and the workplaces.

Problem Solving Methodologies Students are made engaged intellectually, emotionally and socially in posing questions, investigations, experimentations, solving problems, and assuming social and cultural responsibilities.

Research Projects: Students are given applied research projects based on complex and ambiguous real-world case studies. They are encouraged to work with their own approach in defining, analyzing and solving the challenges.

Competitions/ Group Discussions: Moreover, the University organizes inter and intra University competitions on regular basis. Group discussions help them to develop a skill of discussion and analysis on a problem raised or posed.

File Description	Document
Upload any additional information	[View Document](#)
Provide Link for Additional Information	[View Document](#)

2.3.2

The institution adopts effective Mentor-Mentee Schemes to address academics and student-psychological issues

Response:

"Every great achiever is inspired by a great mentor". Every individual must be given the opportunity to unearth his/her highest potential. The university has maintained mentor: mentee relationship to promote the professional and personal growth of mentee. Mentor provides essential information to mentee for encourages, provide emotional support and promote their mentee to others whenever possible. The goal of student mentoring is to help of all students to professional gains through greater information and career enhancement guidance, personal gains through psychological reward, pay attention to their own future and develop their personality with full academic and personal potential. Mentoring, to support and encourage people to manage their own learning in order that they maximize their potential, develop their skills, improve their performance and become the person they want to be.

The importance of mentor: mentee system is to develop diverse student community with varying linguistic, socio-cultural, economic and academic backgrounds. Students belonging to different states face challenges in coping with the regional culture as well the academic environment both inside and outside the classroom and students embarking on their academic career at the university come with many expectations and apprehensions about learning in a new environment. Thus, it is essential that students get guidance, hand-holding and support to facilitate their adjustment into the academic environment, Campus life and culture. The guidance is required for enhancements in academic performance and move beyond studies, Overall, mentor role is manifold; focused for academic growth and well-being of students in a new paradigm.

University has adopted mentor mentee system just after the completion of new admission, in which each faculty is assigned with the task of the mentoring about 5-10 students. A mentee can

approach his/her mentor for both educational and personal guidance It is conducted to help the students to strengthen their varied capabilities and to build on their interpersonal relationship between faculty and students. During the interaction mentors develop a shared action plan to guide the students to enhance their professional growth. In addition, at the end of each academic year mentor once again assess their mentees. Every mentor prepares list of all students allotted to him with details of name class, Id. No., contact no., email etc. The mentor has responsibilities to take care all mentees such as to provide them career counselling, personal counselling to support them any kind of difficulty in curriculum to make remedial coaching to them and always support them as and when required. The mentor also works for finding out the hidden talent of the students in various aspect of academic, co-curricular and extra-curricular activities so that they can be promoted various activities in the concerned area for their holistic development.

After adopted mentor mentee system students performed better in class room teaching, extracurricular activities, and sports. University is also benefitted with this system and increased the success rate in competitive examination, jobs and secured higher ranking. Also, students motivated and performed at state and national level in terms of admission and selections for higher jobs.

File Description	Document
Upload any additional information	[View Document](#)
List of Active mentors	[View Document](#)
Provide Link for Additional Information	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1

Average percentage of full time teachers appointed against the number of sanctioned posts year wise during the last five years

Response: 75

2.4.1.1 **Total Number of Sanctioned year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
109	109	109	109	109

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts).	[View Document](#)
Provide the relevant information in institutional website as part of public disclosure	[View Document](#)
Institutional data in the prescribed format (data template merged with 2.4.3 and 2.4.4)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.4.2

Percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.B/ Superspeciality/L.L.D/D.S.C/D.Litt. during the last five years

Response: 91.3

2.4.2.1 **Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B/ Superspeciality/L.L.D/D.S.C/D.Litt Superspecialist during the last five years**

Response: 84

File Description	Document
Provide the relevant information in institutional website as part of public disclosure	[View Document](#)
List of faculty having Ph.D./D.M/M.Ch./D.N. Superspeciality/ along with particulars of the degree awarding university, subject and the year of award per academic year.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Copies of Ph.D./D.M/M.Ch./D.N.B Superspeciality awarded by UGC recognized universities	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.4.3

Average teaching experience of full time teachers (Data to be provided only for the latest completed academic year, in number of years)

Response: 5.5

2.4.3.1 **Total teaching experience of full-time teachers as of latest completed academic year**

Response: 473

File Description	Document
Provide the relevant information in institutional website as part of public disclosure	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1

Average number of days from the date of last semester-end/ year- end examination till the last date of declaration of results during the last five years

Response: 19.6

2.5.1.1 **Number of days from the date of last semester-end/ year- end examination till the last date of declaration of results year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
19	42	07	20	10

File Description	Document
Provide the relevant information in institutional website as part of public disclosure	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.5.2

Percentage of student complaints/grievances about evaluation against total number of students appeared in the examinations during the last five years

Response: 0.79

2.5.2.1 Number of complaints/grievances about evaluation year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
04	25	05	03	0

2.5.2.2 **Number of students appeared in the examination conducted by the institution year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
1233	1122	994	786	562

File Description	Document
List the number of students who have applied for re- valuation/re-totalling program wise and the total certified by the Controller of Examinations year-wise for the assessment period.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.5.3

Status of automation of Examination division along with approved Examination Manual/ordinance

Response: A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Document
The screenshot should reflect the HEI name and the name of the module.	[View Document](#)
The report on the present status of automation of examination division including screenshots of various modules of the software.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
If the EMS is outsourced, copy of the relevant contract and copies of bills of payment to be provided.	[View Document](#)
Copies of the purchase order and bills/AMC of the software.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1

The institution has stated learning outcomes (Program and Course outcomes)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents and the attainment of the same are evaluated by the institution

Response:

The University has developed its own mechanism for evaluating the attainments of COs, POs & PSOs. The attainments are evaluated using two methods having Direct and Indirect components. The structure of all programs is designed in such a way that courses and programs have their own objectives and methodologies to achieve their respective outcomes. The programme outcomes are specific enough to explain how those broad expectations are accomplished with a given programmes where as the course outcome will specify what expectations a teacher has for the course which are related to one or more programmes outcomes. The university has specific learning outcomes for all its academic programmes.

- Constant faculty feedback through formal and informal processes ensures a steady stream of valuable input in terms of student learning, which are invaluable in terms of their contribution in the curriculum design and amendment exercise.
- A continuous analysis of the learning outcomes of a course, syllabi and its acceptability among the students are relevance within the larger framework of the society and contribution to national development form important basis for setting course/programme outcomes.
- The attainment of outcomes is generated through examination results, which are managed by well-established integrated examination platform by administration as mid-term, practical exam, final examination and comprehensive process by internal and external level.

- The Course Learning Objectives determine course content and assessment strategies. They ensure the implementation of outcome-based education.
- Outcome of learning by the students are collected regularly and on continuous basis. Not only physical presence of the students is monitored but also their performance in mid-term, in internal evaluation.
- Faculty members/mentors play advisory roles by discussing with the students in every week and for post graduate students' constitution of advisory committees monitored
- Use of Information Technology and smart class facilities are highly encouraging among the faculty members to strengthen and support learning process.
- Also, we are maintained the crop cafeteria, crop blocks for enhancing their knowledge. Based on discussion and feedback of student and faculty, course contents are revalidated and improved.
- Weak students are encouraged for special meetings and interaction with the faculty to identify their problems and appropriate suggestion to solve them in student advisory meetings.

Direct Methods of Evaluation of Attainment of Outcomes:

The achievement of competencies/ pre-determined tasks of students are periodically assessed through personal interaction, diversified and continuous internal evaluation and summative assessment in mid and after the end semester examinations.

Course outcomes are evaluated on the basis of marks obtained by students in the corresponding course. Attainment of program outcome is evaluated on the basis of summative marks of external and external assessment.

Indirect Methods of Evaluation of Attainment of Outcomes:

The University also evaluates the program outcomes with the help of indirect methods like- Popularity of the program through the average demand ratio against available seats. **Success ratio in NET/ and other competitive examinations, Employment rate, Research aptitude and Program exit survey through feed-back** of different stake holders etc.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	[View Document](#)
Upload any additional information	[View Document](#)
Provide links as Additional Information	[View Document](#)

2.6.2

Pass percentage of students (excluding backlog students) (Data to be provided only for the latest completed academic year)

Response: 98.13

2.6.2.1 **Total number of final year students who passed the examination conducted by Institution.**

Response: 314

File Description	Document
percentage of students of the final year (final semester) eligible for the degree program-wise / year wise	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Certified report from the Controller of Examinations indicating the pass	[View Document](#)
Annual report of COE highlighting the pass percentage of students	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Upload any additional information	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1

The institution's Research facilities are frequently updated and there are well defined policy for promotion of research which is uploaded on the institutional website and implemented

Response:

For development of dynamism in research ecosystem in the University, initiatives are taken to support and promote multidisciplinary research by up-scaling of research facilities and adopting inclusive and collaborative approaches. The research quality and quantity is promoted through enriching the laboratories with modern equipments and experimental farms with new-generation implements & facilities.

Research Policy for promotion of Research

1. The University has a well defined policy for promotion of research in the form of **BUAT Research Policy-2022** uploaded on University website and has been implemented for execution of research programmes. Earlier to formulation of Research Policy document, research needs, broad subject areas for research, policy matters and creation of facilities were decided based on Vision document and **Rabi and Kharif Research Workshops** organized by Directorate of Research for promotion of research. The University operates basic and strategic research through the competitive grant projects and PG. & Ph.D. students' research and applied & adoptive research through All India Coordinated Research Projects (AICRPs). The Directorate of Research also organizes **Research Council** Meetings and Mid-term review meetings and visits of experimental fields for proper execution, monitoring and evaluation of research projects. At college level, there are **Research Advisory Committees** to decide research needs at discipline level and developing technical plans for the same which is vetted at University Research Council level.

Equipments and facilities

1. The University has also well equipped Central Instrumentation Laboratory for advanced research equipped with new generation facilities like Orbital Shaker Incubator, Biosafety Cabinet BSL-2, High Performance Liquid Chromatography System, refrigerated Centrifuge, Laboratory Refrigerators, Microscopes, Colorimeters, Spectrophotometers, Laminar Flow etc.
2. The University has re-designated its five research stations as Dryland Agriculture Research Centre at Bharari (Jhansi), Forestry Research Centre at Mawai (Banda), Oilseeds Research Station at Mauranipur (Jhansi), Millets Research Station at Gursarai (Jhansi) and Pulses Research Station at Belatal (Mahoba).
3. The University also has departmental laboratories with necessary equipments, greenhouse facilities, Integrated Farming System Model, Hi-tech Nursery, Field Gene Bank for Fruits & Forest Species, Plant Phenotyping Facility, Conservatory of local breeds of animals, research farms equipped with underground irrigation pipelines, drip & sprinkler irrigation systems, farm ponds, agro-meteorological observatory and farm implements.

4. The budget for research is attracted from international and national agencies, corporate sectors and University resources.
5. Research competence in faculty members is developed by participation in seminars/ trainings/ orientations/ workshops *etc*. from time to time.
6. The University has Centre of Excellence for Research in Dryland Agriculture, Natural Farming and Organic Farming, Pulse Production, processing & value addition and Vegetable Nursery Production.
7. The faculty members are incentivized with Institutional awards in teaching as well as research.
8. The course curricula are practical and research oriented by inclusion of Practical Crop Production and thesis research as integral part of P.G. and Ph.D. degree programmes.
9. There are research collaboration with international, national and corporate sector agencies though MoUs for dynamism in research.

The University premise is wi-fi connected and library has sufficient number and variety of research journals and e-resources.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	[View Document](#)
Upload any additional information	[View Document](#)
Provide links as Additional Information	[View Document](#)

3.1.2

The institution provides seed money to its teachers for research (average per year)

Response: 52.28

3.1.2.1 **Amount of seed money provided by institution to its teachers for research year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
175.83	26.78	12.71	29.07	17.01

File Description	Document
Sanction letters of seed money to the teachers is mandatory	[View Document](#)
List of faculty who have been provided with seed money for research along with the title of the project, duration and amount year-wise	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Audited Income-Expenditure statement highlighting the expenditure towards seed money endorsed by the Finance Officer	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.1.3

Percentage of teachers receiving national / international fellowship / financial support by various agencies for advanced studies / research during the last five years.

Response: 65.22

3.1.3.1 **Number of teachers who received national/ international fellowship/financial support from various agencies, for advanced studies / research; year-wise during the last five years**

Response: 60

File Description	Document
List of teachers who have received the awards along with the nature of award, the awarding agency etc.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
E-copies of the award letters of the teachers.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.1.4

Percentage of JRFs, SRFs among the enrolled PhD scholars in the institution during the last five years

Response: 45.31

3.1.4.1 **The Number of JRFs, SRFs among the enrolled PhD scholars in the institution during the last five years**

Response: 29

3.1.4.2 **Number of PhD Scholars enrolled during last five years**

Response: 64

File Description	Document
List of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows along with the details of the funding agency is to be provided.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
E copies of fellowship award letters (mandatory)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.2 Resource Mobilization for Research

3.2.1

Total Grants research funding received by the institution and its faculties through Governme006Et and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five years (INR in Lakhs)

Response: 5609.32

File Description	Document
List of Extramural funding received for research, Endowment Research Chairs received during the last five years along with the nature of award, the awarding agency and the amount.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
E-copies of the letters of award for research, endowments, Chairs sponsored by non-government sources	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	

3.2.2

Number of research projects per teacher funded by government, non-government , industry, corporate houses, international bodies during the last five years

Response: 1.21

3.2.2.1 **Number of research projects funded by government and non-government agencies during the last five years**

Response: 111

File Description	Document
List of project titles with details of Principal Investigator, amount sanctioned and sanctioning agency etc.	[View Document](#)
Institutional data in the prescribed format (data template merged with 3.2.1)	[View Document](#)
E-copies of the grant award letters for research projects sponsored by government agencies.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	

3.3 Innovation Ecosystem

3.3.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS),including awareness   about IPR, establishment of IPR cell, Incubation centre and other initiatives for the

creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

The University has created an environment of innovations, Indian Knowledge System and many other initiatives in agriculture, horticulture, animal husbandry, forestry and basic sciences for creation and transfer of technology and knowledge.

- The University has a full-fledged **IPR Cell with IPR Committee and Institutional Technology Management Unit (ITMU)** to facilitate faculties and students to IPR issues. The students are sensitized and made aware of IPR issues through courses in syllabus.
- New generation and advanced laboratory equipments in Central Instrumentation Laboratory, Abiotic Stress Screening Facility, Rainout Shelter, Plant Phenotyping facility, Biochemistry laboratory, Post-harvest Technology laboratory, Plant Molecular Breeding laboratory, Plant tissue culture laboratory, Bio-control laboratory, greenhouses, farm implements and automated irrigation facilities in the research farm for precision farming have been created to support innovative research.
- For validation and revival of Indian Knowledge System (IKS) Centres of Excellence on Dryland Agriculture, Natural Farming & Organic Farming, Pulse Production, processing & value addition and Vegetable Nursery Production have been established. For conservation of local breeds of animals 'Kenkatha Conservation Unit' for local cattle, Jalauni Sheep Unit and Bundelkhandi Goat Units have been established for further research. Rainwater harvesting structures have been created to collect and use of rainwater in agriculture through micro-irrigation.
- In **Incubation Centres** on post-harvest processing & value addition of fruits and vegetables, mushroom cultivation, bee-keeping & honey processing, protected cultivation, vermi-compost production & marketing, nursery production, seed production & processing, Integrated Farming System (crops + horticulture + poultry, goat & dairy) and Wood Workshop, the University imparts entrepreneurial trainings to youths (men & women). For development of entrepreneurial skills among women, **Mahila Kaushal Vikas and Udyamita Kendra** has also been established.
- The University has also five crop-based Research Stations *viz.*, Forestry Research Centre, Mawai (Banda), Pulses Research Station, Belatal (Mahoba), Oilseeds Research Station, Mauranipur (Jhansi), Millets Research Station, Gursarai (Jhansi) and Dryland Agriculture Research Centre, Bharari (Jhansi) established with objective to develop region specific agricultural technologies, quality seed production and dissemination of farm science knowledge and technologies.
- The University has 07 **Krishi Vgyan Kendra** in six districts of Bundelkhand (Banda, Mahoba, Hamirpur, Jalaun, Jhansi & Lalitpur) and one in Prayagraj to work as agriculture knowledge centre with primary mandates of technology validation for micro-climatic conditions of district, transfer of technologies and capacity building of farm men, women and rural youths.
- The University has five **Seedhubs** for large scale seed production of pulses with target to produce around 5000 quintals of quality seeds each year. The produced seeds are supplied to Government Departments, NGOs and farmers. Similarly, tissue culture and hi-tech nursery units are being used to produce quality planting materials for the farmers.
- The University has well equipped experimental, instructional and seed production farms to conduct research experiments under students' thesis research and research projects. Seed production, processing and storage facilities are available in the University Farms.
- The University has also established Field Gene Bank for horticultural and forestry species with view to conserve biodiversity of Bundelkhand and Vindhyayan hills.

File Description	Document
Upload any additional information	[View Document](#)
Link for Additional Informationa	[View Document](#)

3.3.2

Total number of awards received for *research/*innovations by institution/teachers/research scholars/students during the last five years

Response: 110

File Description	Document
Institutional data in the prescribed format (data template)	[View Document](#)
e- Copies of award letters issued by the awarding agency	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4 Research Publications and Awards

3.4.1

The institution ensures implementation of its stated Code of Ethics for research

The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following:

1. **Inclusion of research ethics in the research methodology course work**
2. **Presence of institutional Ethics committees (Animal, chemical,bio-ethics etc.,)**
3. **Plagiarism check through sofware**
4. **Research Advisory Committee**

Response: A. All of the above

File Description	Document
Institutional data in the prescribed format (data template)	[View Document](#)
Copy of the syllabus of the research methodology course work to indicate if research ethics is included	[View Document](#)
Constitution of the ethics committee and its proceedings as approved by the appropriate body.	[View Document](#)
Constitution of research advisory committee and its proceedings as approved by the appropriate body.	[View Document](#)
Bills of purchase of licensed plagiarism check software in the name of the HEI.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4.2

Total number of Patents awarded during the last five years

Response: 4

File Description	Document
Patents granted / published in the name of the faculty with the institutional affiliation to the university working during the assessment period only to be given.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
e-copies of letter of patent grant	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Other Upload Files	
1	[View Document](#)

3.4.3

Number of Ph.Ds awarded per recognized guide during the last five years

Response: 0.09

3.4.3.1 How many Ph.D s were awarded during last 5 years

Response: 4

3.4.3.2 *Number of teachers recognized as guides during the last five years*

Response: 44

File Description	Document
PhD Award letters to PhD students.	[View Document](#)
Letter from the university indicating name of the PhD student with title of the doctoral study and the name of the guide.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4.4

Number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years

Response: 2.22

3.4.4.1 Number of research papers published in the Journals as notified on UGC CARE list during the last five years

Response: 204

File Description	Document
List and links of the papers published in journals listed in UGC CARE list and	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)
Link to the institutional website where the first page/full paper (with author and affiliation details) is published	[View Document](#)
Link re-directing to journal source-cite website in case of digital journals	[View Document](#)

3.4.5

Number of books and chapters in edited volumes published per teacher during the last five years

Response: 1.98

3.4.5.1 **Total Number of books and chapters in edited volumes published during the last five years**

Response: 182

File Description	Document
List of chapter/book with the links redirecting to the source website	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
E-copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4.6

E-content is developed by teachers :

> *1. For e-PG-Pathshala*
> *2. For CEC (Under Graduate)*
> *3. For SWAYAM*
> *4. For other MOOCs platform*
> *5. Any other Government initiative*
> *6. For institutional LMS*

Response: D. Any 2 of the above

File Description	Document
Supporting documents from the sponsoring agency for the e- content developed by the teachers need to be provided.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Give links to upload document of e-content developed showing the authorship/contribution	[View Document](#)
For institution LMS a summary of the e-content developed and the links to the e-content should be provided	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	

3.4.7

Bibliometrics of the publications during the last five years based on average Citation index in Scopus/ Web of Science

Response: 0

File Description	Document
Bibliometrics of the publications during the last five years	[View Document](#)
Any additional information	[View Document](#)

3.4.8

Bibliometrics of the publications during the last five years based on Scopus/ Web of Science – h-index of the Institution

Response: 0

File Description	Document
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View Document](#)
Any additional information	[View Document](#)

3.5 Consultancy

3.5.1

Revenue generated from consultancy and corporate training during the last five years

Response: 205.86

3.5.1.1 **Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).**

2022-23	2021-22	2020-21	2019-20	2018-19
74.33	37.44	58.98	20.61	14.50

File Description	Document
Letter from the corporate to whom training was imparted along with the fee paid	[View Document](#)
Letter from the beneficiary of the consultancy along with details of the consultancy fee.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
CA certified copy of statement of accounts as attested by head of the institution.	[View Document](#)
Audited statements of accounts indicating the revenue generated through and corporate training/consultancy.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.6 Extension Activities

3.6.1

Outcomes of extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues and holistic development, and awards received if any during the last five years (Showcase at least four case studies to the peer team)

Response:

The University executes extension activities in the neighbourhood communities in the form of transfer of technologies of agriculture and allied disciplines through training programmes, field demonstrations, Kisan Mela and ICT tools by seven Krishi Vigyan Kendra (KVKs) and Departments of the University. Following are the extension activities of University in the neighbourhood community with visible

outcomes for showcasing:

1. Demonstration and dissemination of the agricultural technologies

The University has conducted 11923 farmers' field demonstrations of latest crop varieties in 5000 acres and 2280 demonstrations of allied enterprises among 1986 farmers during last five years and consequent upon demonstrations, farmers realized an increase in yield and income from 10% to 50% over their old practices. Looking successful demonstrations, other non-beneficiary farmers were also sensitized to adopt improved varieties. The seed replacement rate with demonstrated varieties was also increased. With increasing awareness of farmers and high demand of quality seeds, the University started large scale seed production (3000-4000 quintals/year) of improved varieties which was made available to Farmers of Bundelkhand through Government schemes.

2. An Initiative to rescue the T.B. Patients of rural areas

With inspiration of Hon'ble Governor of U.P. and Chancellor of University, 79 T.B. (Tuberculosis) infected patients were identified with the help of District Health Department in 2019 and each teacher adopted one patient. The patients and guardians were sensitized about cleanliness & hygienic environment in and around their residential area, nutritious foods and government health schemes. The patients were monitored routinely for regular medication and also provided nutri-food kits. After two years, 78 patients got rid of this fatal disease and presently, there are rare cases of T.B. patients in these villages.

3. Cleanliness Campaign and Massive Plantation drive for health hygienic and clean environment.

The faculty of university and NSS students regularly used to conduct campaign for **"Swachchhata"** and "**Van Mahotsav** and **Plantation Fortnight (Vriksharopan Pakhawada)"** in the University campus, Research Stations, Krishi Vigyan Kendra and villages. As a consequence of these programmes, village streets, Panchayat Bhawan and schools of 40-45 villages adjoining to the University campus, Research Stations and Krishi Vigyan Kendra are clean with proper wastes management facilities.

4. Abolition of '*Anna Pratha*' (let unproductive cattle loose)

The 'Anna Pratha' has been a social evil in which unproductive cattle were let loose. These stray animals used to create a great hazard to cropped areas as a result an extensive land was left unsown particularly during kharif season. The established a sustainable model to convert these unproductive animals to productive ones by breed improvement and preparing natural farming inputs. Looking the success of this model, District Administration, Banda also established similar units in rural areas. Now-s-days, stray animals are no more problem in agriculture.

In addition to above extension activities, students have been sensitized on social issues like **gender indiscrimination, dowry, voter awareness,** *Parthenium* **eradication, drug de-addiction etc.** The NSS Unit of University, regularly organizes **'Blood Donation Camps'** and received First Rank Certificate from CMO Banda to donate maximum units of blood in a single Camp.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

3.6.2

Number of extension and outreach programs conducted by the institution through organized forums like NSS/NCC with involvement of community year wise during the last five years

Response: 2482

3.6.2.1 **Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community year wise during the last five years.**

2022-23	2021-22	2020-21	2019-20	2018-19
531	563	560	401	427

File Description	Document
Institutional data in the prescribed format (data template)	[View Document](#)
Geo-tagged Photographs and any other supporting document of relevance should have proper captions and dates.	[View Document](#)
Detailed list and report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.7 Collaboration

3.7.1

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years

Response: 41

08-04-2024 12:25:55

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	View Document
List of year wise activities and exchange should be provided	View Document
List and Copies of documents indicating the functiona MoUs/linkage/collaboration activity-wise and year-wise	View Document
Institutional data in the prescribed format (data template)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The institution has adequate infrastructure facilities for

a. teaching - learning. viz., classrooms, laboratories,

b. ICT enabled facilities such as smart classes, LMS etc.

c. Facilities for cultural and sports activities , yoga centre, games (indoor and outdoor) gymnasium, auditorium etc.

Describe the adequacy of facilities within a maximum of 500 words

Response:

Response:

- The University has adequate infrastructure facilities in accordance with the guidelines and norms laid down by statutory body, Indian Council of Agriculture Research (ICAR), New Delhi for teaching-learning, research, extension and extra-curricular activities. University has a green open area of 856.26 acres along with academic constructed building in area of 26278.21, 19940.77, 15262.12 and 15262.12 sq. m under College of Agriculture, College of Horticulture, College of Forestry and College of Community Science, respectively.
- The 41 class rooms have embraced with Wi-Fi including 17 enabled with LCD projectors and one each with virtual and AR/VR facility. The eleven departmental seminar halls enabled with LCD projectors/smart boards, two computers and one GIS lab with internet connectivity are sufficient for academic discourse. The University has well-equipped 47 laboratories and one Central Laboratory with modern equipments to conduct advance level research for PG, Research Scholar and faculties.
- University has three air-conditioned multipurpose hall with seating capacity of 250 students exclusively for examination and different academic and curricular activities. Besides these, one conference hall, four mini committee halls, one senate hall and one board room are available for various academic and administrative purposes.
- University is Wi-Fi enabled with good band width of 50 mbps to access the internet facility. Besides computer laboratory, 228 tablets have been distributed to students for academic purpose under Digi-Shakti scheme by the state government.
- The well-stocked central library with a total area of 515.14 sq. m. is a central place for student academic and research activities with 50 mbps internet bandwidth to access e-books and journals.
- Being Agricultural University it has major teaching and research activities based on field work/experiments. Therefore, University has well developed farm land of 42 hectare along with major farm facilities of irrigation, water harvesting ponds (83000 cubic litter capacity), go downs (630 sq. m.), rain out shelter facility (590 sq. m.), weather information facility, protected poly cum net houses (2140 sq. m.) and adequate number of farm implements/machinery to conduct the field practical's and research experiments of the students.

- The university has outdoor sports facilities which include one playground with pavilion, one cricket pitch, two kabaddi, one football field, one running track (400m), two volleyball courts and five badminton courts. A well-equipped gymnasium & recreational rooms are being provided indoor facilities for table tennis, carom, chess and weight training equipments. A well space and large two multipurpose halls with about 400 seating capacity each are available to organize regular cultural events.
- The students has benefitted with adequate teaching-learning infrastructures in respect of 135 students selected in public and private sector, 501 students progressed in PG and higher study and about 53 students qualified ICAR/UGC-NET exams. University has conducted about 50 events in sports for students and staff during last five years. The 23 students participated in XXI All India Inter Agricultural Universities Sports & Games Meet-22-23 (Agri-Sports) at CCH Agricultural University, Hisar from 20-24 Feb., 2023 and won Bronze medal in both 800m and 5000m race event.

File Description	Document
Upload any additional information	**View Document**
Provide the link for additional information	**View Document**

4.1.2

Percentage of expenditure excluding salary, for infrastructure development and augmentation year wise during the last five years

Response: 64.34

4.1.2.1 **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
12600.02	64.32	8.49	53.99	139.13

File Description	Document
Institutional data in the prescribed format (data template)	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

Response:

- The Rashtrakavi Maithlisharan Gupt Central library of University library is automated with ILMS and has good number of e-resources and journals in accordance with the guidelines and norms laid down by statutory body, Indian Council of Agriculture Research (ICAR), New Delhi. The library uses KOHA ILMS software, version 19.11.14.000 which was fully automated in 2021. The key features of the module are single screen Issue, Return and Renewal with total details of members, membership records with photo and statistical reports on membership. Library has subscribed Remote Log (Remote Authentication Software Cloud Installation up to 500 users) software. Students and faculty members can remote access of different e- resources available in the library. The Online Public Access Catalogue (OPAC) module of the software allows library database searching by entering preferred terms and is mainly used for information retrieval. Library has also books for preparation of competitive examination like JRF, SRF, ARS, etc. To ensure original writing among students and teachers, the Library also has access to fully automated software, URKUND which checks submitted text for plagiarism.
- Library has subscribed 2051 full text and 3065 total index e-journals are available for download and use for students and faculty members. Computers are installed in the ARIS Cell so that research scholars can independently operate and search for required materials. A number of M.Sc. thesis CDs (132) of Agriculture and Horticulture students of the University are available in the library and it is also uploaded on Krishikosh repository under with free membership of Shodh Shidhu.
- · Faculty and students can access 5116 e-journals related to Agricultural & Biological Sciences and 32 e-books available in the library. M.Sc. and Ph.D. Students can search latest development in thrust areas of their respective research problems through e- resources.

- · University library is fully air-conditioned; Wi-Fi enabled and has a seating capacity of 162 users. The users can avail the library facility from 10AM to 8PM. The library has one book section, one reading room, one hall for study of students and faculty members. A multimedia Centre comprising of e- resources has been established in the Library having 11 Wi-Fi equipped Computers to enable students and faculty members to access information for their academic and research activities through internet and e- resources. Total number of titles of books, 1545 and total volumes are 13,269. Library has been subscribing 12 magazines related to Agriculture, Horticulture and different allied subjects along with different magazines of competitive examinations. The library is being extended with another reading hall along with furniture with seating capacity of 120 students. The library is optimally used with 22.85% by students and faculty members during last academic year.
- · Automation of library services has increased efficiency of content search, and location functions. Campus-wide availability of e-resources through Wi-Fi enables unlimited content for academic and research purpose Automated and digitized library services promoting self-study in students
- University has constituted Library Advisory Committee to review the overall performance of library and to provide their advice for its overall development.

File Description	Document
Upload any additional information	[View Document](#)
Provide the Paste link for additional information	[View Document](#)

4.2.2

Percentage of expenditure for purchase of books/ e-books and subscription to journals/e-journals year wise during the last five years

Response: 0.36

4.2.2.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
19.88	2.34	32.96	6.30	11.05

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA and counter signed by the competent authority (relevant expenditure claimed for purchase of books/ e-books and subscription to journals/e-journals should be clearly highlighted)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

Response:

IT facilities

- The university has set up the basic network infrastructure in the premises and regularly updates to ensure seamless internet connectivity for students and faculty.
- The university has roughly 200 network connections with sufficient number of wi-fi devices to access internet for academic and administrative purposes, which will be expanded as need arise.
- BSNL provides broadband to the university and total bandwidth available from the BSNL source is now 50Mbps (leased line), however this may be increased as the number of users grows.
- Presently, two computer labs one for UG and one for PG with 75 computers and library with 11 computers are accessible to IT and incorporated with 10 SPSS and 1 AMOS Software license. The SPSS and R&R studio software are available for advance learning of statistical analysis.
- The institution also built a GIS lab with 15 computers to provide conceptual understanding of basic GIS and remote sensing principles.
- The university additionally established an ARIS Cell in the Library premises for Internet surfing and academic material search.
- A sufficient number of classrooms and seminars halls are also outfitted with IT-related amenities such as projector computer sets and Internet access.
- The university established the "Media & IT Cell" department to run and maintain the university's Internet services. To facilitate internet access, the department created a server room equipped with routers and switches. The server room is linked to the university's running college buildings

via an internal fibre network.

- Updating the users' operating system allows their machines to fix bugs and vulnerabilities.
- In order to improve communication inside the university building, an intercom system is also available.
- University also maintains and updates website for providing diverse authenticated information about the university and student information services in a single location.
- University has the biometric attendance management system in main campus, across its different research stations and KVKs for proper monitoring of all the faculties and staff.

E –Learning and AR/VR facility

The university built a virtual classroom and an Agri-Diksha site on campus to strengthen the institution's E-learning capabilities for better understanding of the subject to the students. The university also created a dedicated facility through an ICAR-sponsored project to educate students on the novel concept of augmented virtual and augmented reality, which will help them further develop their domain expertise.

Academic management system

All academic operations should be streamlined, automated, and simplified. The Online Academic Management System (AMS) developed by ICAR – IASRI is being implemented in the university.

Video Conferencing Facility

The institution has created a conference room with an IT facility in the administrative block for video conferencing. This conference room accommodates online administrative and academic meetings.

Manav Sampada Portal

University also adopted "Manav Sampada Portal" for granting online the different types of leave facility and maintaining the service record of the university staff and teachers.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

4.3.2

Student - Computer ratio (Data for the latest completed academic year)

Response: 3.1

4.3.2.1 **Number of computers available for students usage during the latest completed academic year:**

Response: 398

File Description	Document
Stock register/extracts highlighting the computers issued to respective departments for student's usage	[View Document](#)
Purchased Bills/Copies	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

4.3.3

Institution has the following Facilities for e-content development and other resource development

1. Audio visual center, mixing equipment, editing facilities and Media Studio
2. Lecture Capturing System(LCS)
3. Central Instrumentation Centre
4. Animal House
5. Museum
6. Business Lab
7. Research/statistical database
8. Moot court
9. Theatre
10. Art Gallery
11. Any other facility to support research

Response: A. Any 7 or more of the above

File Description	Document
Videos and geo-tagged photographs of each of the facilities available in the HEI. Details of the structures of each of the facilities available in the HEI.	[View Document](#)
Purchase Bill / stock register, entry for lecture capturing system, mixing equipment, software for editing	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Copy of the subscription letter for database is essential for Option Research/Statistical Databases	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years

Response: 2.86

4.4.1.1 *Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year - wise during the last five years (INR in lakhs)*

2022-23	2021-22	2020-21	2019-20	2018-19
88.03	291.02	98.04	52.22	43.32

File Description	Document
Institutional data in the prescribed format (data template)	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

4.4.2

There are established systems and procedures for maintaining and utilizing physical and academic support facilities – laboratory, library, sports complex, computers, classrooms etc.

Describe policy details of systems and procedures for maintaining and utilizing physical, academic and support facilities within a maximum of 500 words

Response:

Response:

Established System of Maintenance: The University has well defined procedure for maintaining the physical, academic and support facilities. There is separate estate section to look after the repair and maintenance of entire infrastructure including new construction, classrooms and laboratories etc. University has constituted purchase and physical verification committee to follow the financial guidelines and quality assurance. The estate section has the team of two electricians, one plumber, one

mason, one carpenter, 27 cleaning workers and one supervisor to execute the daily repair, maintenance and cleaning activities at the different premises in the University.

All the small repair and maintenance works up to the estimate of Rs. one lakh are executed estate section while major works are executed by the Govt. nominated construction agencies for different kind of works with signed MoU.

Classrooms and Laboratories: University has well-furnished and ventilated class rooms and functional laboratories in each department. A lab attendant is deputed to support practical's classes and maintenance of laboratory. The maintenance and repairing of instruments are initiated by concern Head of Department through Dean of Colleges as and when required. The purchase committee look after the repair/maintenance request appropriately through Standard Operating Procedure.

Library: University library is equipped with computer, internet facility, e-resources, wed browsing and for other academic works. The title of books, journals, e-resources etc. are purchased on the recommendation of the Head of Department of various disciplines. The decision on library services, up gradation and overall all management are done by Library Advisory Committee. The physical verification team and library staff conducts stock verification every year.

Sports: The indoor and outdoor sport facility is maintained by skilled and daily wages person under supervision of Physical Instructor. The register is maintained for utilizing the sport facility. The development work to create sport facility is done by estate section. The Planning of events, purchase of sport items, budget demand etc is done by University sport council.

IT and Computer: The University has approximately 200 network connections around the campus in five building with available bandwidth of 50Mbps (leased line). The maintenance and repair of networking facility, computers, LCDs, Printers, installation of antivirus and operating system are done by in charge faculty of computer science. Dedicated skilled staff is assigned to maintain the computing and IT related facility in class rooms, computer laboratory, library and other office premises. The Online Academic Management System developed by ICAR – IASRI is being implemented in the university.

Electrical: The University has the dedicated 24x7 supply through the network of one 33/11 kVA and six 11/0.44 kVA substations. Apart from this, on grid solar system of 650 kW is installed which is maintained by Clean Max Enviro Energy Solutions Pvt. Ltd.

Water: A central RO plant is maintained by the university for supply of clean drinking water. The periodic maintenances are done in the RO plant through Estate office.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 78.2

5.1.1.1 *Number of students benefited by scholarships and freeships provided by the institution, Government and (NGOs)non-government bodies, industries, individuals, philanthropists year-wise during the last five years*

2022-23	2021-22	2020-21	2019-20	2018-19
883	860	732	696	502

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority	[View Document](#)
Upload Sanction letter of scholarship and free ships (in English).	[View Document](#)
Upload policy document of the HEI for award of scholarship and freeships.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.1.2

Efforts taken by the institution to provide career counselling including e-counselling and guidance for competitive examinations during the last five years

Response:

Career counseling and guidance play a crucial role in the academic and professional development of students. Banda University of Agriculture & Technology (BUAT) has made significant efforts over the last five years to provide comprehensive career counseling, including e-counseling and guidance for competitive examinations, to its undergraduate and postgraduate students of all the constituent colleges

i.e. College of Agriculture (CoA), College of Horticulture (CoH), College of Forestry (CoF) and College of Community Science (CoCS). These initiatives have been aimed at empowering students and ensuring their academic success and future career prospects. The various measures implemented to offer career counseling and competitive exam guidance to our students are as follows-

1. **Advisor/Mentorship System:** BUAT recognizes the importance of individual guidance and support for students. To address this, the university has established an advisor/mentorship system, wherein students from all degree programs (Under Graduate and Post Graduate) receive regular advice and guidance from their assigned advisors (mentors/guides). This system helps students to explore their career options, set academic goals, and receive personalized assistance in overcoming academic challenges.

2. **Junior Research Fellowship (JRF) Guidance Cell:** In order to assist students preparing for competitive examinations for academic progression in all the core and allied disciplines of agriculture and allied sciences, BUAT has set up a dedicated JRF Guidance Cell in all its constituent colleges. This cell provides specialized guidance to students aspiring for Junior Research Fellowships, equipping them with the necessary knowledge and skills to excel in these exams by organizing additional classes and mock tests. The JRF Guidance Cell offers resources, study materials, and conducts various interaction programme to enhance students' preparation and confidence for such exams.

3. **Online Software for Competitive Exam Preparation:** Recognizing the challenges faced by students from economically weaker sections of society (SC/ST), BUAT has taken proactive measures to level the playing field. The university's Directorate of Training and Placement has procured online software specifically designed to assist students in the preparation of competitive examinations such as JRF/SRF/IBPS/UPSC/UPPSC/FCI etc. This software provides accessible study materials, mock tests, and interactive learning modules, empowering students from all backgrounds to compete effectively.

Banda University of Agriculture & Technology has made commendable efforts in providing comprehensive career counseling and competitive exam guidance to its undergraduate and postgraduate students. The institution's advisor/mentorship system ensures personalized guidance, while the JRF Guidance Cell assists students in preparing for academic progression. Additionally, the Directorate of Training and Placement conducts industry-academia meetings and workshops to enhance students' career awareness. The university's investment in online software for competitive exam preparation further promotes inclusivity and empowers students from economically weaker sections. These collective initiatives highlight BUAT's commitment to nurturing well-rounded individuals and equipping them for successful careers in their chosen fields.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

5.1.3

Following capacity development and skills enhancement activities are organised for improving

students' capability

1. **Soft skills**
2. **Language and communication skills**
3. **Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)**
4. **Awareness of trends in technology**

Response: A. All of the above

File Description	Document
Report with photographs on soft skills enhancement programs	[View Document](#)
Report with photographs on Life skills (Yoga, physical fitness, health and hygiene) enhancement programs	[View Document](#)
Report with photographs on Language & communication skills enhancement programs	[View Document](#)
Report with photographs on ICT/computing skills enhancement programs	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Report of Organisation wide awareness and undertakings on policies with zero tolerance	[View Document](#)
Proof related to Mechanisms for submission of online/offline students' grievances	[View Document](#)
Proof for Implementation of guidelines of statutory/regulatory bodies	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Details of statutory/regulatory Committees (to be notified in institutional website also)	[View Document](#)
Annual report of the committee monitoring the activities and number of grievances	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students during the last five years

Response: 29.48

5.2.1.1 *Number of outgoing students placed year wise during the last five years*

2022-23	2021-22	2020-21	2019-20	2018-19
39	16	32	14	34

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order (the above list should be available in institutional website)	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.2.2

Percentage of graduated students who have progressed to higher education year-wise during last five years

Response: 60.32

5.2.2.1 **Number of outgoing students progressing to higher education**

2022-23	2021-22	2020-21	2019-20	2018-19
153	103	93	71	71

File Description	Document
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education. (the above list should be available in institutional website)	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.2.3

Percentage of students qualifying in state/ national/ international level examinations out of the graduated students during the last five years

(eg: NET/SLET/ Civil Services/State government examinations etc.)

Response: 5.58

5.2.3.1 *Number of students qualifying in state/National/International level Examination during last five years (eg. SLET, NET, UPSC etc)*

Response: 53

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.3 Student Participation and Activities

5.3.1

Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national/international events (award for a team event should be counted as one) during the last five years

Response: 8

5.3.1.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/ national/international level (award for a team event should be counted as one) year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
06	0	02	0	0

File Description	Document
Provide the relevant information in institutional website as part of public disclosure	[View Document](#)
list and links to e-copies of award letters and certificates	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.3.2

Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution.

Describe the Student Council activity and students' role in academic & administrative bodies within a maximum of 500 words

Response:

The Student Council of Banda University of Agriculture & Technology (BUAT), Banda plays a crucial role in promoting organizational development through various student welfare activities. The council is a group of dedicated and enthusiastic student representatives from the various constituent colleges of the university, the council serves as a vital link between the students, faculty members, and university administration. Through a wide range of activities and initiatives, the Student Council strives to create a blooming academic environment, foster personal growth, and ensure the well-being of students.

1. **Representation and Advocacy:** The Student Council serves as the voice of the student community, representing their interests and concerns to the university administration pertinent to academic matters. The Council members actively engage in discussions and meetings with university officials to address the various issues related to academics, infrastructure, and services for students' welfare. They support the university administration to improve the overall learning experience and contribute to the development of the institution.
2. **Organizing Cultural and Academic Events:** The council supports the Dean Students Welfare (DSW) to organize a diverse range of cultural, literary, and indoor and outdoor sports events throughout the year. These activities provide a platform for students to showcase their talents, exchange ideas, and develop their skills beyond the classroom. By promoting a vibrant extracurricular environment, the council fosters holistic development among students.
3. **Student Welfare and Support:** The well-being of students is a top priority for the Student Council. The representative of the council works closely with the university administration to ensure the provision of necessary amenities and services that promote a benign and conducive campus environment for teaching and learning. The council also collaborates with other units to address health issues and helps the administration to organize workshops on stress and time management, and career guidance.

4. **Community Engagement and Social Responsibility:** The Student Council encourages students to actively engage with the local community. They organize community service initiatives, such as blood donation camps, environmental awareness drives, and educational outreach programs, to contribute positively to society on their own and through NSS camps. By instilling a sense of civic duty and empathy, the council promotes the holistic development of students as responsible citizens.

5. **Student Groups and Committees:** The council supports and encourages the formation of various student clubs (Groups) and committees catering to diverse interests and disciplines. These groups provide students with opportunities to pursue their passions, develop leadership skills, and engage in extracurricular and co-curricular activities aligned with their academic pursuits.

The Student Council of the university plays a crucial role in driving institutional development and promoting student welfare activities. Through their proactive representation, advocacy, and the organization of diverse activities, the council contributes to the overall growth and well-being of the BUAT community as a whole. By fostering an inclusive and dynamic campus environment.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

5.3.3

The institution conducts / organizes following activities:

1. **Sports competitions/events**
2. **Cultural competitions/events**
3. **Technical fest/Academic fest**
4. **Any other events through Active clubs and forums**

Response: A. All four of the above

File Description	Document
Report of the Technical fest/academic fests along with photographs appropriately dated and captioned year- wise.	[View Document](#)
Report of the Sports competitions/events along with photographs appropriately dated and captioned year- wise.	[View Document](#)
Report of the Cultural competitions/events along with photographs appropriately dated and captioned year- wise.	[View Document](#)
Report of the Any other events through active clubs and forums along with photographs appropriately dated and captioned year- wise.	[View Document](#)
List of students participated in different events year wise signed by the head of the Institution.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Copy of circular/brochure indicating such kind of activities	[View Document](#)

5.4 Alumni Engagement

5.4.1

Alumni contribution during the last five years to the University through registered Alumni Association

Response: 0

5.4.1.1 **Total Amount of alumni contribution during the last five years (INR in lakhs) to the institution year wise through registered Alumni association:**

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

File Description	Document
List of alumnus/alumni with the amount contributed year-wise	[View Document](#)
Annual audited statements of accounts of the HEI highlighting the Alumni contribution duly certified by the Chartered Accountant/Finance Officer.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	

5.4.2

Alumni contributes and engages significantly to the development of institution through academic and other support system

Describe the alumni contributions and engagements within a maximum of 500 words

Response:

The Banda University of Agriculture and Technology (BUAT) Alumni Association (BUATAA) plays a vital role in fostering a strong bond between the university and its former students. Since the first batch graduated in 2015, the alumni association has worked tirelessly to contribute significantly to the development of the university in various ways, including financial contributions, placement support, networking, guidance, collaboration, and other services.

1. **Financial Contribution:** The alumni association recognizes the importance of financial help and support in advancing the university's goals and initiatives. The alumni members contribute funds through donations, annual memberships, and other fund-raising activities. These financial contributions provide vital resources that can be utilized for infrastructure development, scholarships, and creating chairs and other academic programmes. The generosity of the alumni association has a direct impact on the overall growth and progress of the university.

2. **Placement of Students:** facilitating the placement of students is one of the key focus areas for (BUATAA). As the university has relatively small batches, the association is maintaining close connections with alumni members by leveraging their professional networks. The alumni of the university play an active role in connecting passed-out graduate and post-graduate students with job opportunities, internships, and industrial collaborations. This support greatly enhances the employability of our students, ensuring that they find meaningful employment and contribute to their respective fields.

3. **Mentorship and Guidance:** The alumni of the university also provide valuable mentorship and guidance to current students. The alumni who have excelled in their careers serve as mentors, sharing their experiences, insights, and industry knowledge. This mentorship helps the current students in better understanding to their chosen fields, exploring better career options, and developing important soft and hard skills. The guidance and support offered by alumni's contribute to the holistic development of our students.

4. **Networking and Collaboration:** The alumni association (BUATAA) serves as a platform for fostering networking and collaboration among alumni members. The regular reunions, alumni

meets, and other events through online and offline mode provide opportunities for former students to reconnect, share their achievements, and build professional relationships with their junior batches. These connections often lead to collaborations in research, entrepreneurship, and other initiatives that benefit both alumni and the university. The alumni association actively promotes such collaborations, facilitating a vibrant and supportive network of our passed out students.

The Banda University of Agriculture and Technology (BUAT) Alumni Association (BUATAA) is doing its level best to make significant contributions to the development of the university. The contribution is in terms of financial support, assistance in placement drives, mentorship, and networking opportunities, the alumni association provides strong support which is helpful in nurturing the growth and success of both current students and alumni. This symbiotic relationship between the university and its alumni reinforces the university's reputation and ensures a bright future for its passed-out students.

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

The University was established on 2nd March, 2010 under Uttar Pradesh Agriculture University Act (revised), 1958 Gazette-Adhiniyam, 2010 with well defined **Vision & Mission**. The University's administration also embraces **decentralization and participative management** as core principles, evident within its Act & Statutes. Operational autonomy is facilitated through a well-defined organogram, empowering all members of the institution.

Vision: To emerge as a global centre of excellence of teaching, research and extension in agriculture and allied sciences in the country to ensure sustained healthy food, nutrition and livelihood security.

Mission: The University is committed to the cause of Indian agriculture through its quality teaching, demand-driven and location-specific research and extension programmes.

The **governance and leadership** of the University is prominently outlined in its s**hort term and long term institutional perspective plan** as articulated in Vision 2033 document. The **Honorable Governor of U.P. and Chancellor of the University** regularly reviews the University's progress and provides her guidance. Under her leadership, the University is in the process of establishing new colleges and degree programme to increase student intake capacity for achieving **Gross Enrolment of 3000** students as per **NEP 2020**.

To foster **sustained institutional growth**, the University is converting waste and ravine land into cultivable, developing innovative agri-technologies, installing solar panels on rooftops, advancing research facilities, implementing sewage treatment plants, and rainwater harvesting structures. It's also focusing on water conservation through micro-irrigation facilities covering 70 hectares of farmland. Initiatives like the Seed Hub project aim to uplift the agrarian community socio-economically by ensuring quality seed production and distribution, particularly in the Bundelkhand region.

Administrative decentralization involves the Governor of U.P. as the apex authority, governing academic and operational decisions. The **Board of Management (BoM)** oversees policy-making and management, supported by various administrative bodies. The administrative bodies viz. **Academic Council, Extension Council, Research Council, Registrar, Finance Comptroller, Director Research, Dean Student's welfare, Dean Postgraduate Studies, Director Administration and Monitoring, Director Extension, PMEC, IQAC**, etc. supports Vice- Chancellor in decision making.

The University structure embodies **financial decentralization**, with disbursement authority delegated to

the Director Extension, Deans of the Colleges, and Heads/In-charges of Krishi Vigyan Kendras. Additionally, University Purchase Cell is in place to solicit proposals and oversee the procurement of diverse goods and services.

Academic decentralization is achieved through departmental curriculum committees, college-level Board of Studies and University-level Academic Council.

 Research decentralization is ensured through College Research Advisory Committees and the apex Research Council, which finalizes the annual research plan, monitored by the Directorate of Research.

Participation of different stakeholders in the institutional governance is promoted in the University where **Honorable Chancellor** participates regularly through academic and administrative monitoring. Further, faculty members are vested with additional responsibilities on various administrative posts of the University.

Participation of different stakeholders (University officials, Public representatives, Government representatives, farmers, students etc.) is reflected in the University decision taking bodies such as BoM, Extension Council, University Sports Board, University NSS Cell, Student Council etc. The University follows a well structured feedback mechanism to ensure the participation of students and teachers.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies are effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

The **institutional perspective plan** is effectively deployed and reflected in all activities of the University. The specific short, mid and long term strategic plans of the University are clearly defined and mentioned in the Vision-2033 document.

The institutional strategic plan is effectively deployed.

As per Vision 2033 document, the University envisages its strategic plan and realizes through preparation and its deployment in stipulated time resulting better visibility, greater transparency and satisfaction of the stakeholders. Presently, four colleges are operational with 21 UG/PG/PhD programmes. To **improve GER (NEP, 2020)**, the University has increased its student strength from 562

in 2018-19 to 1233 in 2022-23. Three additional colleges namely Veterinary & Animal Science, Agricultural Engineering and Food Technology with new degree programmes; B.V.Sc., B.Tech. (Agricultural Engineering) and B.Tech. (Food Technology) will be opened in 2024. The University regularly updates the UG, PG and Ph.D. curricula as per need. Various infrastructural facilities such as hostels, instructional farms and laboratory facilities have been developed accordingly.

Further, to meet out **Research** thrust of the University as per perspective plan various facilties such as Automated irrigation facility, Protected cultivation structures, Abiotic stress screening facility, High tech nurseries, Central Laboratory, Plant Tissue Culture Laboratory, GIS Lab, Molecular Lab, Mushroom production unit etc. have been developed. University **Research** endevours are strengthened through the network of five Regional research stations located at various districts of Bundelkhand region. In the fied of research, the University has made landmark achievements such as Centre of Excellence for Dryland Agriculture, variety development (BUAT Alsi-3, 4, 5 & BUAT Til-1), conservation of indigenous flora and fauna such as Kenkatha cattle, Bundelkhandi goat, Jalauni sheep, Regional Field gene bank, Botanical garden etc.

Extension activities such as Trainings, Front Line Demonstration, On Farm Training, Kisan Mela etc. are being undertaken for the upliftment of farmers of Bundelkhand region through its 7 Krishi Vigyan Kendras.

Effective & Efficient functioning of the institutional bodies

The university has developed a **transparent system** in its functioning through governing bodies and it's administrative setup including various Directorates, Colleges and Departments which are at the helm of affairs in the endeavor of making the University a significant and the highest seat of learning in higher education in agriculture and allied fields to realize its mandate. In this regard, the the meetings of the executive bodies are conducted as per the norms like, ensuring maximum participation of the members, intimation of meeting date and agenda well in advance, the follow-up of the action points of previous meetings and proceedings are circulated within stipulated time.

Besides, University has constituted Anti Ragging Cell, Grievance Redressal Committee, Women Cell, SC/ST Cell, Minority Cell, OBC Cell Scholarship Cell, etc. for effective administration.

The University has implemented **appointment process, service rules, promotion procedures and grievance redressal mechanism** as per University Act & Statutes, SoPs issued from the Chancellor's Office and the guidelines of State Government. The University under the guidance of **Honorable Chancellor** has also developed guidelines of **transparent recruitment** of Professor, Associate Professor & Assistant Professor**.**

File Description	Document
Upload any additional information	[View Document](#)
Strategic Plan and deployment documents on the website	[View Document](#)
Provide the link for additional information	[View Document](#)

6.2.2

Institution implements e-governance in its operations. e-governance is implemented covering the following areas of operations:

1. **Administration including complaint management**
2. **Finance and Accounts**
3. **Student Admission and Support**
4. **Examinations**

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

The University has comprehensive performance appraisal system, promotional avenues and holistic welfare measures for teaching and non-teaching staff realizing that a satisfied employee is an asset for the institution and can make institution a productive place which are as follows:

A **transparent Performance Appraisal System (PAS)** for teaching and non teaching staff ensures that the annual increment to the staff is granted based on their annual performance as filled in prescribed proforma.

Career Advancement Scheme (CAS) for faculty members is based on statutory regulations issued in sync with the UGC guidelines as approved by State government. Academic Performance Indicators (API) as derived from the Performance Based Assessment (PBA) and interview performance (as the case may be) is the basis of assessment of the faculty. Each faculty member is required to submit a Self-Appraisal Report annually based on the three parameters: Teaching-Learning & Evaluation; Research;

Extension and Administrative Support & prescribed score card (as the case may be). The University has done the promotion of employees under CAS scheme recently in the year 2021. However, **Assured Career Progression (ACP)** for non- teaching staff members is based on statutory regulations issued in sync with and approved by the State government based on their satisfactory performance during the prescribed period of assessment.

The University has a provision for **faculty development** which includes deputation for higher studies, travel grant for attending seminar & conferences, seed money for institutional projects and organizing and participation in training/seminars/ workshops/ conferences etc. **Faculty Development Programmes** for skill up-gradation and training are organized for teaching and non-teaching staff. Permission is readily granted to participate in Refresher Courses/ Orientation Programmes/ Short-Term Courses for professional development.

The University has various facilities for residential housing on campus as well as a **crèche** for the children of working parents.

Extending various welfare schemes such as Maternity Leave, Child-care Leave, old and new Pension schemes **as per the government orders**, Provident Fund scheme, Group insurance scheme, recreational amenities, guest accommodations, University vehicle and healthcare services including a medical center and 24x7 emergency transportation.

Support Facilities includes University canteen, Staff Cafeteria, Grievance Redressal cell, Internal Complaints Committee, Women cell, Parking facilities for both teaching and non-teaching staff, Clean drinking water facilities, Bank facilities and facilities such as ramps for differently abled.

ICT Facilities such as Wi-Fi enabled colleges premises, One full-fledged Computer labs for research work for students and faculty, Audio-Visual Lab and Desktop facilities are provided in the library and staff room.

For Recreational Activities for Physical and Emotional Wellbeing University has Recreation club for celebration of festivals and other occasions for both teaching and non-teaching staff, Separate department rooms are provided to the teaching staff, Outdoor and indoor Gymnasium facilities for all including sports activities for both teaching and non-teaching staff.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

6.3.2

Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 21.81

6.3.2.1 **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
29	27	15	14	4

File Description	Document
Policy document on providing financial support to teachers	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
E-copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head	[View Document](#)
Audited statement of account highlighting the financial support to teachers to attend conferences/workshops and towards membership fee for professional bodies.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.3.3

Percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDPs)/ Management Development Programmes (MDPs) during the last five years

Response: 38.97

6.3.3.1 **Total number of teachers who have undergone online/ face-to-face Faculty Development Programmes (FDP)/** *Management Development Programs (MDP)* **during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
26	66	31	16	20

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
E-copy of the certificates of the program attended by teachers.	[View Document](#)
Annual reports highlighting the programmes undertaken by the teachers	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1

Institutional strategies for mobilisation of funds other than salary and fees and the optimal utilisation of resources

Describe the resource mobilisation policy and procedures of the Institution within a maximum of 500 words

Response:

University strategically plans for raising money and making the best use of available resources as mobilising funds and making the best use of them are pre-requisite of efficient functioning of the University.

The University has created a mechanism for raising funds and ensuring accountability in financial management. The dedicated nodal cells have been established for liaisoning with the promising funding agencies such as ICAR, RKVY, UPCAR, UPCST, DST, DBT, etc. Regular internal and external audits are conducted thoroughly to investigate the University's revenue and expenses. Major funding of the university include grants from the state government, developmental and research grant from external agencies (the government and others), etc.

Fund Mobilization: University generates a good amount of revenue through seed production and various products from horticulture/ Agriculture/ Dairy/ IFS farms/Mushroom units, etc. Financial planning is done at the beginning of the academic year well in advance with efficient budgeting involving all the dean of colleges and directors. The University encourages faculty to apply & get grants for research and development from state and central government funding agencies, such as RKVY, UPCST, UPCAR, DBT, DST, ICAR etc.

The major grants received in the last five years are highlighted below:

RKVY: Projects awarded to various Colleges in the University for the development of infrastructure of research and farm facilities totaling Rs. 4070.88 Lakhs.

ICAR: An amount of Rs. 489.70 Lakhs was received as development grant.

State Govt.: Total of Rs.5170.23 lakh as construction grant and Rs. 1198.00 lakh as contingency grant were granted by the State government during last five years.

MIDH, Ministry of Agriculture & FW: The total amount of Rs. 132.26 Lakhs was received for the development of infrastructure and research facilities.

NABARD: NABARD sanctioned an amount of Rs. 12.99 Lakhs for development of IFS model and related extension activities.

UPCAR & UP-CST: The grants of Rs. 64.78 Lakhs & Rs. 3.90 lakhs respectively were awarded under various research projects.

DST & DBT: Grants of Rs. 30.0 Lakhs & Rs. 51.41 respectively released under different research project.

Optimal utilization of funds: The funds generated by the University by above sources are primarily used for teaching, research and extension infrastructure and maintenance of the University. Further, the University also provides several public utility facilities to the students and staff by providing building and space on lease to Punjab National Bank, Convenience centre, Canteen, etc., the periodic maintenance of which is also carried out by the University.

The University is adopting cost effective technologies such as solar panel on the buildings and use of LED to reduce electricity expenditure. The University strictly follows Financial Hand-Book to ensure judicial utilisation of fund. For the purpose of purchase, GEM Portal, Quotation and Tender procedure is adopted to ensure optimum use of funds. Budget is utilized to meet day to day operational and administrative expenses and maintenance of fixed assets.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

6.4.2

Funds / Grants received from government bodies/non government and philanthropists during the last five years for development and maintenance of infrastructure (not covered under Criteria III and V)

Response: 11104.5

6.4.2.1 **Total Grants received from government and non-government bodies and philanthropists**

for development and maintenance of infrastructure (not covered under Criteria III and V) year-wise during the last five years (INR in *Lakhs*)

2022-23	2021-22	2020-21	2019-20	2018-19
4543.76	1632.17	2549.25	1121.07	1258.25

File Description	Document
Institutional data in the prescribed format (data template)	[View Document](#)
Copy of the sanction letters received from government/ nongovernment bodies and philanthropists for development and maintenance of infrastructure	[View Document](#)
Annual audited statements of accounts highlighting the grants received.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.4.3

Institution regularly conducts internal and external financial audits regularly

Enumerate the various internal and external financial audits carried out during the last five years with the mechanism for settling audit objections within a maximum of 500 words

Response:

The University regularly conducts internal and external financial audits. The University complies with all the financial rules laid down by the UP Government. It has adopted standard practices for conducting internal and external financial audits. The accounts of the University and its annual budget estimates to the Board of Management are suggested by Finance sub-committee. It reviews the financial position of the University from time to time, and makes recommendations to the Board of Management on the new or revised proposals involving expenditure.

Internal Audit: The University endeavors to get all the projects and expenditures audited internally. The accounts of the University are audited regularly by Dean/Directors/Accountant/Assistant Comptroller, internally. The University appoints Chartered Accountants for its own annual internal audits. M/s Habibullah & Co., Lucknow, Chartered Accountant have been our Statutory Auditors for the last few years. They are independent auditors appointed by the university to conduct the audit of the financial statements including the balance sheet and Income & Expenditure Account of the university. The University efficiently implemented internal checks and controls in financial management. The standard procedure for purchasing are followed. The proposals are processed for administrative and

financial approval after seeking step by step approvals from the College, Director Administration & Monitoring, Finance Comptroller and Vice-Chancellor. For items which are not available on GeM, e-tendering is also exercised. For every major purchase, the university has formed a University Purchase Committee (UPC) consisting of Chairperson, members and experts related to the items to be purchased. The rules for TA/DA and other remunerations are issued by the UP Govt. time to time.

External audit:

The State government performs annual external audits of all accounts of the University through the Audit Department, Prayagraj. An auditing team of Accountant General of Uttar Pradesh conducts external audit. Annual accounts along with the Statutory Auditor Report are submitted to the Audit Team formed by the Accountant General. The University has a healthy mechanism to comply with the auditor's findings.

Due to Her Excellency's monitoring through 59 Pra-patras, the number of bank accounts of the University has been reduced to get a better grasp on financial matters. The Fixed Deposits of the university funds have been re-allotted in optimal sizes to earn the best rate of interest.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

6.5 Internal Quality Assurance System

6.5.1

Internal Quality Assurance Cell (IQAC)/ Internal Quality Assurance System (IQAS) has contributed significantly for institutionalizing the quality assurance strategies and processes, by constantly reviewing the teaching-learning process, structures & methodologies of operations and learning outcomes, at periodic intervals

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes visible in terms of –

- **Incremental improvements made for the preceding five years with regard to quality (in case of first cycle)**
- **Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles)**

Describe two practices institutionalized as a result of IQAC initiatives within a maximum of 500 words

Response:

IQAC has contributed significantly for institutionalizing the quality assurance strategies and process by constantly reviewing the teaching-learning process, structures, and methodologies of operations, and learning outcomes at periodic intervals with help of different institutional Cells viz. Board of Studies (BoS), Academic Council (AC), Board of management (BoM), Research Council (RC), Extension Council (EC,) College Research Advisory Committee (CRAC), Grievance Cell etc.

Academic and administrative audit is regularly monitored at highest level by Honorable Chancellor and Governor of Uttar Pradesh and annually audited at different levels.

Following practices are institutionalized ;

1. **Academic Review (ii) Feedback mechanism.**

1. Academic review of quality teaching & research: The University follows a comprehensive mechanism of reviewing the teaching-learning processes and learning outcomes: The Academic review on quality parameters is conducted every semester before start of semester through Board of Studies meetings. As per ICAR Fifth Dean Committee report and New BSMA, there is uniformity in conceptualization of the structure and methodology of academic and extracurricular routine in every academic session. All the departments in the college abide by the institutional norms (initiated by the IQAC) such as: timely submission of workload requirement for forthcoming session; timely distribution of time table among faculty; course completion according to lesson plan; academic and extracurricular work delegation within the department; use of ICT in teaching practices, wherever applicable; execution and moderation of internal assessment(s); assessment of learning-outcome by identifying high performing and low performing students, analysis of end-semester examination results, and so on.The academic coordinators assess the documents related to the following: preparation of academic calendar; timely distribution of time table; submission of lesson plan and compliance report of curriculum delivery as per the schedule; and delegation of responsibilities and formation of internal committees for department activities teaching methodology, use of ICT facilities, and opportunities for experiential learning are also followed as per ICAR fifth Deans Committee and New BSMA report and same apprised of at the academic councils. Teacher-student mentoring programme takes place regularly and provides a meaningful platform for engaging with students and addressing their concerns. For online teaching and monitoring, the use of different applications like virtual meet on Google Zoom, WhatsApp and also AMS (Academic Management System) has been started during Covid-19 pandemic. Faculty Development Programme (FDP), guest lectures and special remedial/language classes for competitive examination (JRF, SRF, NET etc) were organized. PME Cell regularly looks after planning, execution and monitoring of administrative activities.

II. Feedback mechanism:

The IQAC at BUAT Banda has implemented a feedback system for all stakeholders (students, teachers, alumni, and employer). Feedback on institutional parameters such as infrastructure and facilities, curriculum delivery and pedagogy, discipline and environment, staff and support, and so on is crucial to institutional progression as it allows for self-reflexivity and reform. The feedback submitted online is analyzed, and proper measures (action taken) are taken for reform and redressed. The online feedback mechanism at BUAT Banda offers a constructive self-assessment procedure integral to fostering and enhancing academic excellence and institutional development.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

6.5.2

Institution has adopted the following for Quality assurance*:

1. **Academic and Administrative Audit (AAA) and follow up action taken**
2. **Conferences, Seminars, Workshops on quality conducted**
3. **Collaborative quality initiatives with other institution(s)**
4. **Orientation programme on quality issues for teachers and students**
5. **Participation in NIRF and other recognized ranking like Shanghai Ranking, QS Ranking Times Ranking etc**
6. **Any other quality audit recognized by state, national or international agencies**

Response: A. Any 5 or more of the above

File Description	Document
Supporting documents pertaining to NIRF (along with link to the HEI's ranking in the NIRF portal) / NBA / ISO as applicable and valid for the assessment period.	[View Document](#)
List of Orientation programmes conducted on quality issues for teachers and students along with geotagged photos and supporting documents	[View Document](#)
List of Conferences / Seminars / Workshops on quality conducted along with brochures and geo-tagged photos with caption and date.	[View Document](#)
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.5.3

Incremental improvements made for the preceding five years with regard to quality (in case of first cycle NAAC A/A)

Post accreditation quality initiatives (second and subsequent cycles of NAAC A/A)

Response:

Incremental improvements made for the preceding five years with regard to quality:

Internal Quality Assurance Cell (IQAC) constituted to implement bench marks for teaching, research and extension and to review the policies pertaining to academic and administrative excellence as a post accreditation quality sustenance measure

The University is submitting its 1st NAAC Report for the accreditation and assessment of the university. University has already been accredited up to March 2018 (Ist Cycle) by ICAR-National Agricultural Education Accreditation Board and applied for 2nd Cycle to ICAR, New Delhi.

- Academic audit of the teachers and department is done annually through Annual Assessment Report (AAR), Board of studies & Academic council meetings.
- Vacant post of teaching has been filled up on priority basis. University has implemented guidelines of Rajbhawan for transparency in interview and selection.
- To improve interdisciplinary quality teaching, research and for vide exposure of students, university has signed 36 MoU with different national and international repute institutes.
- University started incremental improvement with emphasis on conducting conferences/workshops/training/expert lectures/seminars to improve the teaching and learning in students /faculties.
- Capacity building programmes for faculty and students are regularly organized for enhancing the subject competency. Guest lectures and symposiums are organized frequently in the University to impart ethical values in the students and staff.
- Yoga and wellness activities are conducted from time-to-time for the physical and mental fitness for both students and staff.
- Digital initiatives have been introduced by the University. Wi-Fi enabled campus; online e-procurement system has been adopted. Student and staff Grievance redressal mechanism and code of conduct for students has been adopted and several initiatives have been taken for Green campus.
- Solar electrification of campus has been done resulting low carbon emission.
- Online admission process has been adopted.
- Technology Enabled Classrooms, Online Learning Platforms are in use. To become in line with digital era, the university adopted Academic Management System (AMS) to monitor its academic activities like registration of students, attendance, results etc.
- The numbers of hostels both for boys and girls have been increased. Several hostels are renovated and one new girl's hostel are being constructed and Wi-Fi internet facility has been given to hostels.
- The sports and health facilities have been upgraded and indigenous game like Kabbadi, Khokho and tug of war etc is being organized on regular basis.
- Library facility for students and teachers are upgraded regularly with addition of new subject e-books, e-magazine, e-journals subscriptions, software like KOHA, ILMS ARIS Cell facility etc.
- English club has been established for improving English language proficiency to poorly academic students.
- Competitive exam cell has been established for preparation of JRF/SRF/UPCATET examination
- All promotion under CAS has been done. All salary transactions are linked with biometric

attendance system and disbursed from district treasurery.
- E-procurement system in purchasing has been adopted. Most of the purchases in University are now being made through GeM.

Green, Energy and Environment audits are conducted regularly.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

Yes, the university has gender audit and there are various measures for the promotion of gender equity. The University is proactive in fostering a gender equity and safe environment for all its members. University rules and regulations ensure strict compliance with the laws related to gender equality, ragging, discriminatory behavior and harassment. Various measures for the promotion of gender equity are given below:

A) Safety and Security:

The campus has 24X7 securities along with CCTV monitoring devices installed at different locations especially within the college premises, Central Library, hostels and all gates. The enforcement of discipline and student safety is under direct purview of the Dean Student Welfare Office (DSW) and Disciplinary Committee of University, which coordinates with Women cell of University. Entry into the campus and Departments is restricted and allowed after proper verification through a two-tier security system. There is a security guard at all the main entry/exit gates and entrance gate of all the buildings.

Self-defense training programmes are organized to train girls for their own safety. Ragging in any form is strictly prohibited in all colleges, departments, hostels and in all parts of the University. Specific provisions are made under Anti Ragging committee of University.

B) Counseling: A guidance and counseling cell is functional at University level and at College level also. Departments are also mandated to have regular student-faculty advisory meetings to take stock of problems/issues and resolve them. All the Colleges have Students' Counseling Committee, Faculty Student Advisors and other diverse forums/functionaries to provide counseling/mentoring to students. They are freely approachable and proactively counsel students for academic growth, job opportunities and all other important matters.

C) Common Room: The University has appropriate facilities for students' lounge/common rooms and adequate number of washrooms for male/ female students and for disabled students. University has a convenience center for the students.

D) Laboratory Nursery school cum day care: In order to promote women in income generation activities and to foster development of children a laboratory Nursery school cum day care center is functioning in the University. It also helps to provide better take care of employee's children of University.

E) Balika Health club-In order to create awareness and to empower women, the University has established a Balika Health club with objective to ensure safety and security of girl students. It organizes regular workshops, gender sensitive lectures and training etc.

F) Mahila Adhyan Kendra Mahila Adhyan Kendra is working under the University. The objective of the Kendra is to create awareness among women and to promote skill based economic empowerment to students as well as women of Bundelkhand region.It undertakes extension activities for promoting gender awareness and sensitization.

G) Mother and Child Care Room: Mother and Child care room is in the University to promote health and hygiene of both mother (employee as well as students) and child.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

7.1.2

The Institution has facilities for alternate sources of energy and energy conservation measures
1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment
6. Wind mill or any other clean green energy

Response: A. Any 4 or more of the above

File Description	Document
Permission document for connecting to the grid from the Government/ Electricity authority.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Geo-tagged photographs of the facilities.	[View Document](#)
Bills for the purchase of equipment's for the facilities created under this metric	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.3

Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **e-Waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

The Banda University of Agriculture & Technology (BUAT) in Banda, Uttar Pradesh, is committed to sustainable waste management practices to minimize its environmental impact and promote a clean and healthy campus environment. The university has implemented various facilities and initiatives for the management of both degradable and non-degradable waste types. Here's an overview of the facilities available at BUAT:

- **Solid waste management**

BUAT employs composting techniques, including vermicomposting, to manage solid waste. Vermicompost units and NADEP structures have been set up on campus and at all Krishi Vigyan Kendras (KVKs) since 2017. These units not only process the university's biological waste but also provide training to farmers on converting waste into valuable compost. Additionally, students participate in converting hostel biodegradable waste into compost through natural composting methods. Portable bins for waste segregation are placed in each hostel, promoting source segregation.

- **Liquid waste management**

The university practices judicious water consumption and treats wastewater generated on campus. A Sewage Treatment Plant (STP) is connected to all residential and academic buildings, treating wastewater for reuse in garden irrigation. A central Reverse Osmosis (RO) plant ensures high-quality drinking water, while rooftop water storage tanks in hostels facilitate water distribution for various purposes.

- **Biomedical waste management:** Waste from the university health center is collected by M/s. Bandav Smart Solution Pvt. Ltd., following an agreement with government hospitals in the district, ensuring safe disposal of biomedical waste.
- **E-waste management:** BUAT has established mechanisms for the collection, storage, and environmentally responsible disposal of electronic waste (e-waste), including old computers, printers, mobile phones, and other electronic devices. e-wastes are discarded following standard measures prescribed for safe disposal. All such equipment's which cannot be reused or recycled are being disposed off through authorized vendors.
- **Waste recycling system:** Color-coded bins for different waste types are strategically placed across the campus for source segregation. Biodegradable waste from kitchens and plant litter is composted, while paper waste is sold to recyclers. The university promotes paper conservation by implementing double-sided printing for official purposes. Wastewater is treated in the STP and recycled for gardening, washing, and irrigation.

- **Hazardous chemicals and radioactive waste management:** BUAT's Institutional Biosafety Committee oversees waste management from all labs, including hazardous microbes, and ensures compliance with safety protocols. Hazardous wastes from research laboratories are collected in biohazard bags and appropriately labeled and stored. Unused chemicals are carefully stored with unbroken caps to minimize risks.
- Through these facilities and initiatives, BUAT strives to achieve comprehensive waste management, promoting resource conservation, pollution prevention, and environmental sustainability on campus and beyond. By adopting a holistic approach to waste management, the university demonstrates its commitment to environmental stewardship and contributes to the global effort towards a circular economy and a greener future.

File Description	Document
Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Geo-tagged photographs of the facilities	View Document
Any other relevant information	View Document

7.1.4

Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: A. Any 4 or more of the above

File Description	Document
Institutional data in the prescribed format (data template)	View Document
Green audit reports on water conservation by recognised bodies	View Document
Geo-tagged photographs of the facilities.	View Document
Bills for the purchase of equipment's for the facilities created under this metric.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.5

Green campus initiatives include

Describe the Green campus initiative of the institution including Restricted entry of automobiles, Use of Bicycles/ Battery powered vehicles , Pedestrian Friendly pathways , Ban on use of Plastic, landscaping with trees and plants etc in 500 words

Response:

The Banda University of Agriculture & Technology (BUAT) in Banda, Uttar Pradesh, has implemented a comprehensive Green Campus initiative aimed at promoting sustainability, reducing carbon footprint, and creating a healthy environment for its campus community. Here's an overview of the various aspects of BUAT's Green Campus initiative:

Restricted entry of Automobile

BUAT promotes sustainable transportation by restricting the entry of automobiles on campus. This policy reduces vehicular emissions, noise pollution, and congestion, creating a safer and healthier environment for students, faculty, and staff.

Use of Bicycle/Battery Powered Vehicle

The students and staff members use cycle for their routine visit to colleges and to other premises of the university. Every Saturday is observed as no vehicle day in the university. The left side of the main road is declared as cycle lane. The international bicycle day is also observed in the campus to promote the use of cycle.

Pedestrian Friendly Pathways

BUAT has developed pedestrian-friendly pathways and walkways across the campus to promote walking and cycling as modes of transportation. These pathways are well-lit, landscaped, and equipped with seating areas, making them conducive for leisurely strolls and physical activity.

Ban on use of Plastic

In alignment with environmental conservation efforts, BUAT has implemented a ban on the use of single-use plastics across its campus. Alternative eco-friendly materials are encouraged, and awareness campaigns are conducted to educate the campus community about the harmful effects of plastic pollution and the importance of reducing plastic usage.

Landscaping with Trees and Plants

BUAT prioritizes green landscaping initiatives, with an emphasis on planting native trees, shrubs, and plants across the campus. Green spaces, parks, and gardens are developed to enhance biodiversity, improve air quality, and create aesthetically pleasing environments for students, faculty, and visitors. The separate block for Arboratum, bamboosetum, avenue plantation, Herbal garden, fruit orchards and Nature Park and Tulsi Park are maintained in the campus. Old trees of Peepal, Mahua, Kaitha, and Neem, are

declared as heritage tree of the campus.

Water conservation

BUAT emphasizes water conservation measures, including rainwater harvesting, water-efficient landscaping, and installation of water-saving fixtures and fittings. The university promotes responsible water usage practices among students, faculty, and staff to minimize water wastage and ensure sustainable water management.

Energy efficiency and renewable energy

BUAT implements energy-efficient measures, such as LED lighting, energy-efficient appliances, and building insulation, to reduce energy consumption and greenhouse gas emissions. The university also explores opportunities for harnessing renewable energy sources, such as solar power, to meet its energy needs sustainably.

Waste management & recycling

The university implements efficient waste management practice, including segregation at source, composting of organic waste, and recycling of materials. Waste bins are strategically placed across the campus, and awareness campaigns are conducted to promote responsible waste disposal and recycling habits.

Through these initiatives, BUAT is committed to creating a green and sustainable campus environment that fosters environmental awareness, promotes sustainable practices, and inspires a sense of responsibility towards nature among students, faculty, staff, and visitors.

File Description	Document
Policy document on the green campus/plastic free campus.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Geo-tagged photographs/videos of the facilities.	[View Document](#)
Circulars and report of activities for the implementation of the initiatives document	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	

7.1.6

Quality audits on environment and energy are regularly undertaken by the institution

The institutional environment and energy initiatives are confirmed through the following

1. **Green audit / Environmental audit**
2. **Energy audit**
3. **Clean and green campus recognitions/awards**
4. **Beyond the campus environmental promotion and sustainability activities**

Response: B. Any 3 of the above

File Description	Document
Report on environmental promotional activities conducted beyond the campus with geo-tagged photographs with caption and date	[View Document](#)
Policy document on environment and energy usage Certificate from the auditing agency.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Green audit report of all the years from recognized bodies	[View Document](#)
Certificates of the awards received from recognized agency (if any).	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.7

The Institution has Differently-abled (Divyangjan) friendly, barrier free environment

Write description covering the various components of barrier free environment in your institution in maximum of 500 words

- **Built environment with Ramps/lifts for easy access to classrooms**
- **Divyangjan friendly washrooms**
- **Signage including tactile path, lights, display boards and signposts**
- **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
- **Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response:

Banda University of Agriculture & Technology (BUAT) is committed to fostering an inclusive and

accessible campus environment for all individuals, including those with disabilities. As part of its efforts to create a barrier-free campus, BUAT has implemented various initiatives and facilities to ensure the inclusion and support of differently-abled (Divyangjan) students, faculty, staff, and visitors.

Built Environment

BUAT ensures that all its buildings, facilities, and infrastructure are designed and constructed to be accessible to individuals with disabilities. This includes ramps, elevators, and wide doorways to facilitate easy movement for individuals using wheelchairs or mobility aids. All the university buildings are constructed by following the standard codes of building construction provided by Govt. of India. Hence, every possible care has been taken to provide barrier free environment to differently-abled individuals.

Built Environment with Ramp /Lift

All the pathways, corridors, and common areas of college buildings and administrative blocks are designed to be wheelchair accessible, with smooth surfaces and gradual slopes to facilitate independent mobility of differently-abled individuals to have easy access to all the chambers /labs/classrooms of the university. Elevators are installed in administrative buildings to provide vertical access for individuals with mobility impairments. Ramps are constructed at appropriate locations, ensuring smooth transitions between different levels of the campus, making it accessible for individuals using wheelchairs or mobility aids.

Divyangjan friendly washroom

There is a provision for separate washroom for differently-abled male and female individuals on all floors provided with all needed assistance. Washrooms across the campus are equipped with accessible features such as grab bars, lowered sinks, and spacious layouts to accommodate individuals with disabilities.

Signage

All the roads are provided with street lights (LED based), signpost indicating the location and distance of various facilities available in university. Display boards are placed inside the buildings.

Assistive technology

BUAT website complies with www W3C consortium, web content accessibility guideline WCAC 2.00 level AA which enable people with individual impairment assess the website using assistance technology such as screen reader. The information or website is accessible with different screen reader. Mechanized equipment such as adjustable desks and ergonomic chairs are available to accommodate diverse needs and preferences.

Provision for enquiry and information

Outside all the buildings and hostels, there is a provision of security Guard which keeps the record of all the outsiders entering the building. He also provides all the information to the visitors regarding location of canteen, college or hostel etc. We offer various provisions for individuals with disabilities to access information and seek assistance, including human assistance.

Through these components of the barrier-free environment, BUAT strives to create an inclusive and supportive campus culture where individuals with disabilities can thrive, contribute, and participate fully in academic, social, and professional life. By prioritizing accessibility and inclusion, BUAT demonstrates its commitment to diversity, equity, and social justice, fostering a campus community where all members are valued, respected, and empowered to reach their full potential.

File Description	Document
Upload supporting document	[View Document](#)

7.1.8

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and such other diversities (within 500 words).

Response:

The Banda University of Agriculture & Technology (BUAT) in Banda, Uttar Pradesh, has been committed to fostering an inclusive environment that promotes tolerance, harmony, and respect for diversity across various dimensions such as cultural, regional, linguistic, communal, socio-economic, and others. Through various efforts and initiatives, BUAT endeavors to create a campus culture that celebrates diversity and encourages mutual understanding and acceptance among its students, faculty, staff, and stakeholders.

- To maintain harmony and tolerance, the university celebrates the birth anniversaries of great Indian personalities and organizes social, cultural, and religious festivals, including Rally for a Social/National Cause, National Unity Day, Diwali, Holi, New Year, Basant Panchami, and Navratri puja.
- A unique characteristic of BUAT is its mixed culture and societal setup. Students come from various states, regions, religions, and castes, contributing to a diverse student body. Additionally, the campus hosts a mixed population representing various states and religions of India.
- Linguistically, BUAT boasts a diversified population, with students and faculty/staff members using multiple languages for communication. Hindi, English, Urdu, Punjabi, Marathi, Kannada, and Malayalam are among the languages spoken, reflecting the linguistic variety of the university.
- The university organised orientation programme and fresher's welcome of newly admitted UG, PG and Ph.D. student in different colleges of the university in order to spread the inclusive environment in the campus.
- The University organize regional agriculture fairs and cultural programme depicting State and National culture. Similarly, our student during the reciprocal visits gets the opportunity to know and understand the socio-cultural diversity as well. Above programme establishes positive interaction among students and faculty members of different racial and cultural backgrounds. Faculty and students are exposed to the different cultures through Annual sport meet and Inter-Collegiate youth festival of the university and through Inter-University Sports Meet.
- Students of final year (UGs) undergoing RAWE & Agro-Industrial attachment programme in

which they attached Villages within state in which they learn and understand the rural situations, culture, tradition, rituals, living style of rural communities, status of agricultural technologies adopted by farmers, prioritize the farmer's problems and to develop skills and attitude of working with farm families of all castes and religion for overall development in rural area.

- National Service Scheme of the university provides diversified opportunities to students to develop their personality through community services. Community services rendered by University and students have covered several aspects related to nation building. The activities of NSS mainly focused on students for their holistic and all round development.
- BUAT organizes regular blood donation camps, where students, faculty, and staff contribute voluntarily, serving society and proudly embodying the spirit of blood donation.
- Through these efforts and initiatives, BUAT is committed to creating an inclusive and harmonious campus environment where diversity is celebrated, differences are respected, and every individual feels valued, empowered, and welcomed. By embracing diversity and promoting tolerance and harmony, BUAT aims to nurture future leaders who are equipped to navigate and contribute to an increasingly diverse and interconnected world.

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View Document](#)
Any other relevant information	[View Document](#)

7.1.9

Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Describe the various activities in the Institution for inculcating values for being responsible citizens as reflected in the Constitution of India within 500 words.

Response:

The Banda University of Agriculture & Technology (BUAT) Banda, Uttar Pradesh, is committed to instilling values for being responsible citizens among its students, faculty, staff, and stakeholders, as reflected in the Constitution of India. Through various activities and initiatives, BUAT aims to promote awareness, understanding, and adherence to the fundamental principles enshrined in the Constitution, fostering a culture of citizenship, democracy, and social responsibility.

1. The university organizes and celebrates the Constitution Day and weeks to spread the Constitutional values, ideals responsibilities and duties of a good citizen among faculty members, staff, and students.
2. The university celebrates the Independence Day and Republic Day with great pomp and vigour and on this occasion Hon'ble Vice Chancellor's give their address on constitutional value, fundamental right and responsibilities of every citizen towards our nations.

3. The Faculty of various colleges of university have organized various academic and co-curricular activities under NSS for the propagation of the Fundamental Duties and Rights of the Indian citizens.
4. University has organized student centric activities like paper, poster & essay competition displays on various event etc. which have always received huge participation from the students and promoted their awareness about various aspects of Indian citizenship.

1. The university has organised national voter day campaign in villages and in campus to create awareness among faculty, staff, students and other citizen to actively participate in political process. On this occasion pledge was also taken to actively participate in democratic process.
2. The university has been regularly organised Road Safety Awareness Programme in collaboration with Regional Transport Office Banda to create awareness among faculty, staff students and general public about traffic rules. This type awareness programme helps to remind each and every citizen's duties and responsibilities on rules of the road and the importance of good choices: wearing seatbelts, not texting while driving and avoiding alcohol or medications that affect their well-being.
3. The university has been regularly organised Cyber Crime Awareness programme in collaboration with Cyber Crime Branch, Banda to create awareness and being a informed individual of country on cyber-crime.
4. The university in collaboration with district legal Services Authority, Legal Aid Centre and with the help of Law Faculty organised legal literacy and legal awareness program to create awareness among masses.
5. The university has also running five courses on human values and ethics which teach ethical value, moral values, research ethics, professional ethics and commitment which are implicit in everyday choices and action of our students.

Through these activities and initiatives, BUAT endeavors to nurture responsible citizens who are committed to upholding the values, principles, and ideals of the Constitution of India. By promoting civic awareness, democratic participation, and social responsibility, BUAT contributes to the development of ethical, engaged, and empowered citizens who can contribute positively to society and nation-building efforts.

File Description	Document
Details of activities that inculcate values necessary to nurture students to become responsible citizens	[View Document](#)
Any other relevant information	[View Document](#)

7.1.10

The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. **The institutional Code of Conduct principles are displayed on the website**

2. There is a committee to monitor adherence to the institutional Code of Conduct principles
3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

Response: A. All of the above

File Description	Document
Report on the student attributes facilitated by the Institution	[View Document](#)
Policy document on code of ethics.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Handbooks, manuals and brochures on human values and professional ethics	[View Document](#)
Document showing the Code of Conduct for students, teachers, governing body and administration as approved by the competent authority.	[View Document](#)
Constitution and proceedings of the monitoring committee.	[View Document](#)
Circulars and geo-tagged photographs with date and caption of the activities organized under this metric for teachers, students, administrators and other staff.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.2 Best Practices

7.2.1

Describe two best practices successfully implemented as per NAAC format provided in the Manual.

Response:

Best Practice –I

Kamadgiri Nandi-Nandini Abhyaranya:A solution to Anna Pratha

Objectives

- To protect the university research farm and increase the profitability of stray animals.
- To conserve "Ken Katha" indigenous cattle breed of Bundelkhand through segregation and selective breeding programme.

Context:

Cows hold immense significance in India's agrarian economy, providing crucial resources like milk and dung essential for rural livelihoods. However, rapid urbanization and modernization have shifted their traditional role, resulting in a rise in stray cattle populations. This poses various challenges, from urban safety concerns to threats to agricultural productivity and ecosystem sustainability in rural areas. The proliferation of stray cattle leads to conflicts between farmers and cattle owners over crop damage and liability issues, straining community relations. In response, initiatives like the Nandi-Nandini Abhyaranya at the university have emerged to mitigate the adverse impacts of stray cattle on academic, agricultural, and environmental pursuits.

Practice:

The most frequented shelter sites for stray animals, covering 51 acres, were carefully selected. Key infrastructure, including chain-link fencing, strategically positioned gates, ponds, internal pathways, and roads, was developed to facilitate movement for both animals and visitors, ensuring accessibility and ease of navigation. Managers were erected, with adequate lighting and provisions for fireplaces to offer warmth during winter months. Nutritious grasses were seeded across the area to promote biodiversity and enhance ecosystem health. Five acres land was designated separately for fodder cultivation, while crop residues and weed biomass from the university campus were diverted to ensure a sustainable food source for the cattle. Tree lop and tops provided additional sustenance. Staff members were encouraged to actively engage in animal welfare, fostering a sense of collective responsibility and community involvement. Regular health checkups by Veterinary Science faculty prioritized cattle well-being. Cow dung and urine were utilized for value-added products. This initiative not only addresses stray cattle issues but also serves as a model for holistic environmental stewardship and community engagement.

Evidence of success

The Abhyaranya, established at university, stands as an innovative solution to the issue of stray cattle. By providing humane care and sustainable solutions, the abhyaranya has reduced crop damage and environmental degradation, preserving research initiatives and ecological integrity. Through educational outreach and cultural integration, the abhyaranya fosters community ownership and environmental responsibility. Beyond practical benefits, the abhyaranya enhances the university campus, serving as a biodiverse and culturally rich space. It also exemplifies the power of innovation, collaboration, and community engagement in addressing complex societal challenges. By reimagining the relationship between humans, animals, and the environment, it showcases the university's commitment to holistic sustainability and social responsibility. As a model of best practice, it inspires optimism for a future where harmony between humans and nature is actively embraced. The Abhyaranya, at university has not only tackled the stray cattle issue but also established a legacy of compassion, conservation, and coexistence.

Problems encountered and resources required

The problem encountered while establishing the Abhyaranya were; shortage of manpower, maintenance

of the abhyarany, scarcity of resources and equipment necessary for establishing the abhyarany.

Best Practice –II

Bundelkhand Organic Corridor: An Initiative for Sustainable & Prosperous Agriculture

Context

In the late 1960s, India embarked the Green Revolution to enhance agricultural productivity using high-yield seeds, modern farming techniques, and improved irrigation. While it alleviated food shortages, it also led to drawbacks such as environmental degradation. Excessive use of chemicals caused soil erosion, groundwater depletion, water pollution, and biodiversity loss. Consequently, the need for organic farming arose to address environmental, health, and socioeconomic concerns. Organic practices prioritize natural resource conservation, focusing on soil health and nutrient cycling. This results in nutrient-rich foods, promoting better overall health and well-being while mitigating the negative impacts of conventional farming methods.

Objectives of the practice (50 – 60 words)

1. To make farmers aware of organic/natural farming for the sustainable and overall development of all the districts in the Bundelkhand region.
2. To promote healthy soil ecosystems, enhances biodiversity, and helps mitigate climate change by sequestering carbon in the soil.
3. Promotion of health by producing poison-free food through organic farming.

The Practice

Traditionally, most farmers in the Bundelkhand region practice conventional farming methods, often natural and organic, positioning the area as a potential hub for organic product marketing. To promote this, the university initiated a public awareness campaign across the seven districts of Bundelkhand in Uttar Pradesh: Banda, Mahoba, Hamirpur, Chitrakoot, Jalaun, Jhansi, and Lalitpur. This effort includes the development of the Bundelkhand Organic Corridor plan, with all seven Krishi Vigyan Kendras in the region educating farmers on organic farming practices. The Bundelkhand Organic Corridor Awareness Campaign targets two villages from each development block in its initial phase. Scientists from the KVK and the university organize various programs in these villages, disseminating information on natural and organic farming techniques, the use and preparation of organic fertilizers and pesticides, regional organic farming models, food processing, marketing strategies for agricultural and food products, and other relevant topics. Furthermore, the results of experimental trials conducted in university laboratories are shared with farmers to assist them in implementing these practices on their own farms, fostering sustainable agricultural methods across the region.Top of Form

Evidence of Success

The organic corridor brings a drastic change in practices and production of cereals, pulses, oilseeds and vegetables crops organically in the selected village. Farming community adopted various scientific-know-how of natural/organic farming and participated in training and other related activities for gaining and updating their knowledge. The farmers were mobilized and formed FPOs, Self Help Group which is engaged in producing and selling organic produces with different value added products of pulses, millets

and others. Practicing Farmers are aware of the latest technologcal and scientific developments in this field of organic inputs by providing primary education at the field. Training of village youth for organic fertilizers (vermicompost, nadep compost, organic pesticides, and others) to agripreneurs.

Problems Encountered and Resources Required

Initially, farmers hesitated to join the university and KVK scientists in implementing the Organic Corridor initiative in selected villages. Resource mobilization, including vehicles and other necessities, posed additional challenges.

File Description	Document
Best practices as hosted on the Institutional website	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

" ??????? ????? ???????? ???????????:

"All the women in the world shine with brilliance." (From Rigveda)

The distinctive area in which the university stands out is the growth and development of female students and staff since its establishment. Although Banda is a backward and underprivileged city, strategically disconnected and is not women friendly but still the University is committed for the holistic development of female students, therefore the strength of students is increasing every year. Along with academic development, the University is committed for safety, security and self-esteem of female students admitted in the University. The girl students are given equal opportunity in academic, administrative, curricular, co-curricular and extracurricular activities. All these things have made the university a women friendly campus.

Commitment of university toward the female students:

1. Gender equality and equal participation in all activities.
2. Zero tolerance and establishment of formal mechanism on the issues related to sexual harassment and discrimination are being followed in the university for girl students and female faculty and staff.
3. Organizing gender awareness and sensitization programmes from time to time.

The measures adopted by the university to make women friendly campus

- The university has effective measures for the safety and security of all the female students and staff.

- 24X7 securities is provided in the entire campus along with CCTV monitoring devices installed at different locations especially within the college premises, Central Library, hostels and all gates.

- University has an accessible, active, unbiased and confidential Grievance Redressal mechanism for the grievance and redressal of issues.
- Overall personality development programs are being organized frequently to develop confidence and leadership qualities among our female students and faculties of the university.
- University has Anti-ragging Committee, Disciplinary Committee and Internal Complaint Committee for the promotion of women friendly atmosphere in the campus.
- University has a Women cell in order to promote women welfare.
- A MahilaAdhyan Kendra has been functioning in order to create social awareness on the problems of women and gender discrimination in the university.
- University is also running a Laboratory Nursery school cum Day care centre to promote overall care and development of children of working women.
- A Balika health club as well as guidance and counseling cell is working in the university to solve the problems of physical as well as mental health of girl students and faculty members.
- A mother and child care room is also functioning in university to cater to the needs of lactating mothers.
- A Gender Audit committee is working in the university to study whether the university has a good gender balance. It tries to see whether university follows government rules, policies and actions formulated for up-gradation of women in society.
- ATM, Bank, canteen Primary Health centre are also available in our university.
- To ensure the better health of girl's students, indoor and outdoor sports facilities are available in the girls' hostel.
- All the workers and attendant of the girl's hostel are female.

- The university has a student council in which there is equal participation of our girl students.

The university is operating in an environment where everyone has access to a full range of opportunities to achieve the social, psychological and physical benefits that come from participating and leading in sports and physical activity. The University was established the year 2010 for the development of the agriculture and allied sectors in the Uttar Pradesh as a whole and Bundelkhand region. Till 2014, there were no girl students in the university and only one female faculty was there. But with the progress of university, female candidate started taking admissions from academic year 2015-16. The journey started with only 02 girl student and every year the strength of female students kept on increasing. From the academic year 2018-19, there has been an increase in 50% girl's student enrollment in the university. Now at the moment, there are 185 girls in the university out 0f 1233 students. Our girl's students have been placed in various companies and in government jobs with a good package. Also, girl students have got admission in various universities all over Indian for higher education.

Girl students have been given self defence training from time to time to make them strong, fearless and teach them how to handle adverse situations. The university has conducted health and security awareness programme for girl students. Awareness programme on Motivation for Higher Education have been conducted in the University for encouraging females to go for higher education. The university conducted seminar on human rights and conducted Awareness Programme on Cyber Security. The girls

are the future mothers and in most of the cases they are anemic, so keeping in view, university conducts nutrition and health awareness programmes.

University aims to be an equal opportunity employer encouraging the participation of eligible women for different vacant positions and more emphasis is given on the induction of minority group and differently abled women and creates a suitable working environment for them. The university also promotes equal representation and participation of women in decision making at the organizational levels. In order to prevent sexual harassment at workplace, a Women cell is constituted in conformity with the special legislation on sexual harassment titled Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013. A regular woman employee shall be entitled for 6 months of Maternity Leave and child care leave as per UGC norms. In case of miscarriage/ abortion, women staff can avail 2 weeks of Maternity Leave with full pay. Special facilities for women like Balika Health club, Laboratory nursery school cum day care centre, mahila Adhyan Kendra, and mother and child care room are functioning in the University the Welfare of female students and employee of the university. In future also, the university will focus on more enrollment of girl students their overall development.

File Description	Document
Appropriate webpage in the Institutional website	View Document

5. CONCLUSION

Additional Information :

1. **Botancal Garden-**The university has established a Botanical garden with an aim to maintain collections of different the living plant, including ornamental, medicinal and economically important species. It is an important institution that safeguards the environment from ever-increasing environmental concerns and educates people about environmental issues, provision of recreational opportunities, conducting various research and conservations. A wide and distinctive collection of living plants serves as a foundation for research and modern taxonomic studies in morphology, ecology, genetics and systematics. They are of value not only to the botanists, horticulturists and foresters but also to the millions of tourists.

2. **Natural farming-** Banda university of agriculture and technology, Banda has highly important two units viz Natural farming for validation and promotion of technologies and model Eco-park for conservation of local eco-system which also used for students research and higher study. These units have spreads over 100 of ha area. For scientific approach there is a buffer zone in a strip of 100 meters for restrict the chemical flow as well as control the runoff movement of water. The buffer zone has proper bunding, subway roads and fencing. In buffer zone there is a plan for multi purpose trees plantation to work as wind break and shelter. The buffer zone will also used for demonstrating latest technologies related to both thematic area.

3. **Field Gene bank-** A Regional Field Gene bank extended over an area of 151 acre with presently net area of 35 acre is established at Banda University of Agriculture & Technology, Banda which aims to conserve the indigenous Trees of Vindhyan range, to develop a practical understanding of the Plant Genetic Resources among stakeholders, to make an interface between gene banks & breeders ad to develop regimes concerning access to and exchange of Tree genetic resources as per National and International Policies. It is comprised of Arboretum, Bambusetum and germplasm of perennial woody flora of wild forest trees and horticultural fruit trees.

Concluding Remarks :

BUAT Banda, located in the Bundelkhand region of Uttar Pradesh, has built a reputation for excellence through its curriculum designed to cultivate scientific aptitude and professional skills in students while addressing local needs. The university's commitment to advancing Indian agriculture is evident in its high-quality instruction, demand-driven research, and extension programs. Entrepreneurship is promoted through courses like Practical Crop Production and the Student-READY program, integrating Students projects, industrial attachment, skill development training and Rural Awareness Work Experience.

Cross-cutting concerns like gender equality, ethics, and sustainability are embedded in the curriculum, reinforced through regular events and adherence to global educational objectives such as NEP 2020. Feedback mechanisms ensure continuous improvement, enhancing the overall academic environment. Admission procedures prioritize inclusivity, with a focus on catering to students from diverse backgrounds.

Teaching methodologies leverage technology, with ICT and e-learning resources enhancing learning experiences. The university's faculty comprises nationally and internationally recognized experts, contributing to a high success rate in academic progression, employment, and entrepreneurship among students.

Research efforts are robust, supported by well-defined policies and infrastructure. The university encourages innovation through initiatives like IPR Cell and Incubation Centers, resulting in significant funding and outputs in terms of publications and consultancy projects.

Extension activities contribute to community development, addressing issues like agricultural technology dissemination and environmental conservation. Collaborative programs with other institutes further enrich the research and academic landscape.

Infrastructure facilities meet ICAR guidelines, facilitating teaching, research, and extracurricular activities. The Regional Agriculture Research Stations and Krishi Vigyan Kendras also empower the region specifie research & extension.The university promotes sports and cultural events, fostering a holistic campus experience.

The library is well-equipped with digital resources, ensuring optimal utilization by faculty and students. Adequate network connectivity supports academic and administrative functions.

Efficient estate management ensures the upkeep of facilities, while governance principles emphasize decentralization and participative management, as outlined in the Vision 2033 document. Institutional growth is supported through initiatives like land development and technological advancements.

The university's commitment to transparency is evident in its governance structures and e-Governance implementation. Financial management is accountable, with regular audits ensuring compliance and efficiency.

Institutional values and social responsibilities, meet through initiatives promoting gender equity, sustainability, inclusivity, and community engagement. The university stands out for its comprehensive approach to societal impact, reflecting a dedication to responsible higher education.

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