SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

CHANDRA SHEKHAR AZAD UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, KANPUR, UTTAR PRADESH

CHANDRA SHEKHAR AZAD UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, KANPUR
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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Chandra Shekhar Azad University of Agriculture & Technology, Kanpur is one of the premier institution of agricultural research and teaching in the country as a whole and in the state of Uttar Pradesh as a particular. The history of the institution dates back to 1906 as a college of agriculture. In 1969, the U.P. Government took a historic decision to upgrade the Government Agriculture College, Kanpur as U.P. Institute of Agricultural Sciences, Kanpur. Consequently, in March 1975, the Chandra Shekhar Azad University of Agriculture and Technology, came into being by an Act of legislation, UP Act XI-V of 1958. The Act was later amended under UP Universities Re-enactment and Amendment Act 1972. The U.P. Institute of Agricultural Sciences, Kanpur and its all research units were made the constituent units of this University.

The Headquarter of the University is in Kanpur situated at the bank of holy river Ganga with latitude and longitude 26.4912° N and 80.3071° E, respectively. It is about 126 meters above the sea level and receives 869.10 mm average annual rainfall.

The University has now eight Colleges i.e. College of Agriculture, College of Home Science, College of Horticulture, College of Forestry, College of Agricultural Engineering & Technology, College of Dairy Technology, College of Fisheries Science & Research Centre and College of Agriculture, Lakhimpur Kheri, 04 Research Sections (Rabi cereals, oilseeds, legumes and vegetables), four crop units (paddy, sorghum, cotton & tobacco), five Regional Research Stations (Kalai Aligarh, Mainpuri, Hazratpur-Firozabad, Daleepnagar-Kanpur, Saini–Kaushambi,), 13 Krishi Vigyan Kendra (KVKs), 02 Centre of Excellence, Agricultural Knowledge Management Unit (AKMU), Internal Quality Assurance Cell (IQAC), Placement Cell, PME Cell, IPR Cell, Nodal Cell (ICAR), Central Library, Cafeteria, Agricultural Education Museum, Health Centre, Agriculture Technology Information Centre (ATIC), Central Instrumentation Laboratory (CIL), Playgrounds and several basic amenities, which provide enough opportunities to the students and the faculty to develop their skills. The University has contributed enormously in the field of research by developing more than 291 high yield varieties of cereal, pulses, oilseeds and vegetables.

Vision

The vision of the University is to strive ahead and to provide leadership in teaching, research and extension services in the field of agriculture and allied sciences. The University has identified several short-term and long-term goals in teaching, research and extension activities with a view to realize the mission statement and developed more than 291 high yielding varieties in cereals, oilseeds, pulses, vegetables and other important crops. The University is guided by a Board of Management, which is a policy making body and is responsible for the management of the University. The Board of studies advice the Board of Management through Academic Council on different academic matters. Similarly, the Research Advisory Committee and Extension Advisory Committee advise the Board on research and extension activities, respectively.

- Making provision for the education of rural people of Uttar Pradesh in different branches of agriculture and allied sector including rural industry and agri-business and other allied subjects.
- Furthering the prosecution of research, particularly in agriculture and other allied sciences and.
- Undertaking field and extension programmes in its service area.

Mission

Improving the competitiveness of agriculture by developing quality human resource competency, enhancing productivity, profitability and maintaining the sustainability of production system through efficient use of resources, technology transfer, and catalyzing innovation across the agriculture in order to ensure food and nutritional security and rural prosperity.

However, to achieve the above-mentioned mission the University is always focused on

- People's participation
- Demonstrating excellence
- Dovetailing of ongoing programmes
- Evolution of new varieties/ breeds
- Better land management
- Plant protection
- Post-harvest management
- Intensive marketing efforts
- Manpower development
- Transfer of technology

To fulfill the mission, the University has provided leadership at all levels to students interested in the agricultural and allied sectors with basic knowledge of the main disciplines through different Colleges.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Multistoried building with adequate space.
- Encouragement from authorities.
- Effective and efficient technical processing.
- Have access to network.
- Adequate qualitative and quantitative collection
- Cost-effective searching of information.
- Service oriented staff.
- Electronic infra structure available

Institutional Weakness

- Shortage of resources (physical, staff and financial)
- Poor organization structure.
- Absence of new technologies.
- Poor investigation of users needs.
- Knowledgeable and experienced staff.
- Declining number of users.
- Lack of standardized software package.

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- Well organized collection.
- Networking with other libraries.
- Library facilities at out station campuses are not well developed.
- Unavailability of a preservation unit create a great problem to maintain the old and important literatures

Institutional Opportunity

- To procure grants from various sources.
- Digitization of collections.
- Developing library website.
- Desktop delivering of articles.
- Giving formal training programmes & software demonstrations to staff.
- Identification of users needs.
- Table of contents via email.
- High level conversations with campus stakeholders-students, faculty and administration.

Institutional Challenge

- Inadequate funds.
- Information through internet is free, so no need to visit library.
- Increase in publication cost.
- Getting library outdated demand for enhancing users services.
- Lack of understanding and cooperation of administrators.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Indian Council of Agricultural Research is the apex body for coordinating, guiding and managing research, education and extension in agriculture in the entire country. Curricula developed and implemented by the University is based on local, national, regional and global developmental needs, which are as follows:

- To reorient graduates of Agriculture and allied subjects for ensuring and assuring employability and develop entrepreneurs through hands on training, skill development training, Rural Agriculture Works Experience, industrial attachment, internship etc.
- Introduction of common course in agriculture and allied subjects like Environmental Studies & Disaster Management, Communication Skills & Personality Development, Information & Communication Technology, Entrepreneurship Development & Business Management, Agri-Informatics and Economics and Marketing in all the undergraduate programmes for personality development.
- The University has adopted the semester based course work in all the programmes. One credit lecture is of 50 minutes (one period) duration or minimum of two-periods (100 minutes) practical/ and three-periods for field work per week. Thus, in a semester, 18 periods for theory and 36 periods for practical/ tutorial work per credit are required.
- In addition to these course work, 8-week skill development training (2 nos. each 4 weeks) after IV and V semester. 10 weeks or one month experimental learning and 10 weeks of industrial

attachment/internship, educational tour and 20 weeks of project planning and report writing are also included in curricula.

- As per ICAR Model Course Curriculum, the syllabus has been developed to meet local, regional and national requirements. The minimum credit requirement for the graduate degree should be **183 credits** for Math/Bio and **184 credit** for Agriculture including non-gradial and remedial courses.
- University is also providing M.Sc. degree in 21 disciplines and Ph.D. Degree in 17 disciplines of agriculture and allied subjects. The minimum credit load requirement for Master Degree is 55 and Ph.D. degree is 75. Duration of M.Sc. degree is for two years and Ph.D. degree programme is three years.

Teaching-learning and Evaluation

The university is involved in teaching of UG/PG students on practical aspects in research and extension activities. The admission to various programmes is done strictly in order of merit-cum-reservation through UPCATET. After the students get admission orientation programme is organized for fresher students at the commencement of new academic session each year. The students are apprised about the issues including the rules and regulations of the university teaching methodologies, students information system, learning management system, discipline, anti-ragging, student welfare activities, administration and sport facilities, examination system, grading system, university placement cell activities, life on campus etc.

The university has a full-fledged office of the Controller of Examination with a proper establishment and sufficient number of staff. Evaluation procedure follows in the university is given below:

Hourly Examination: Hourly examination consists of 20 marks. This is organized nearly in the middle of a semester and the date of holding this examination is announced by the instructor in advance. It consist of objective type questions (brief answers) of 8 marks and detailed questions of 12 marks.

Practical and Viva-Voce Examination: All final practical including viva-voce examination is organized at least one week before the commencement of the final semester examination. Total marks of practical and viva-voce examination is 30.

Final Examination: Final examinations are conducted on the dates notified by the Registrar, which is made available to the students at the beginning of each academic or otherwise. Candidates coming late by more than 30 minutes in the Final Semester examination are not allowed to appear in that examination and no examinee are allowed to go out of the examination hall for the first 30 minutes. The total marks for final examination is 60 and distributed between Objective (20 marks) and Subjective (40 marks).

Research, Innovations and Extension

Mandate of Directorate of Research is Planning, Execution, Monitoring, Co-ordination, Evaluation and Impact Assessment of Research Programmes across the Faculties to cater the research needs of two agro-climatic zones of state of Uttar Pradesh namely, South-Western Semi- Arid and Central plain zones covering 22 districts of five administrative divisions. The University has a long history of significant research contributions in the form of more than 291 high yielding varieties in cereals, oilseeds, pulses, vegetables and other important crops. University has four Research Sections, four crop units, five Regional Research Stations and 14 farms.

The research programmes in the university can be broadly classified into four major areas:

- Basic or Fundamental Research
- Applied research
- Need-based research
- Operational Research

The Chandra Shekhar Azad University of Agriculture and Technology, Kanpur U.P. globally renowned Patthar College is pioneer in the country in agricultural research and education. This university internationally known for its wheat varieties K 9107- Deva (adopted by Bangladesh for large scale cultivation) and K 9006- Ujiyar (adopted by Nepal and released as Achutya). In case of pulses, lentil variety K -75-Malika (for high export quality, high seed demand from South Korea. In varietal capacity building of Uttar Pradesh, CSA University has contributed about 94 % in linseed, 91 % in sesame, 80% in chickpea, 74-70 % in groundnut, vegetables and mustard, 65 % in barley: 52-47 in field pea, urdbean and lentil in distribution of certified seeds. This university has the credit to establish Anuppur village of Kanpur Dehat as first of its kind Bio-fortified Village in India to alleviate problem of mal- nutrition and hidden hunger.

The Students sensitized to social issues and holistic development by their participation in the different extension activities *viz*. Rural Awareness Work Experience, Farmer's Fair, Agri-Exhibition, Afforestation, Swachata Abhiyaaan, Environment Protection Activities, Water conservation, Food and Nutrition, Saksharta Abhiyaan. Student's participate in quiz, slogan, painting competitions based on social issues and holistic development at colleges and university level. They learned to prepare the plan for holistic development by involvement of people at grass root level through Participatory Rural Appraisal tools.

Infrastructure and Learning Resources

All the constituent colleges of the university have developed effective physical facilities administrative building, Academic blocks, furnished offices, Museum, guest houses, hostels, information and communication technology, (ICT) infrastructure for quality teaching and research. The facilities like library and seminar hall, Examination hall, Video conferencing room etc. are available to impart qualitative teaching learning and extension education to the students as per requirement in all departments of all the constituent colleges.

Teaching is done with the aid of latest ICT technologies (multimedia and LCD projectors along with display boards) for enabling more interactive and participatory teaching for better grasping and learning to the students. The library has developed an integrated reading space that facilitates print and online access with the state of art e-library having computers, with LCD screens for demonstration and access to the knowledge of the information resources.

There are total 18 class rooms and 12 seminar hall at Kanpur campus of which 8 class rooms and 12 seminar halls with ICT enable facility such as LCD, Smart Board, WiFi, audio/video recording facilities.

The facilities of the Central Library are also available to assist learning process of students. Most of the department also have departmental library facilities for the student and faculty. Central Instrumentation facility (CIL), are also well established to conduct advance level research work for the student and faculties. All the departments have seminar halls that are used for student, faculty seminar and invited lectures by eminent scholars in the respective fields which target a larger audience. Most of the departments have committee room also for conducting departmental meeting and different activities of the department.

The University has one auditorium for organizing conferences, symposium, workshops and many more

activities. For Internet access and computing purpose, the University has massive network of computers with good band width. ARIS Cell at Kanpur Campus provide the facilities of internet to different department, hostels, academic building etc. of the university. All computers are connected by LAN and Internet. Some computer laboratories are equipped with high end servers and computers with high end processors.

Student Support and Progression

The University has an effective and efficient system for student support and progression. There are several cells and committees like placement cell, SC-ST Cell, Sexual harassment cell, Anti-ragging committee and so and so forth to safeguard the interest and provide opportunities to the students. Being a residential university, the students are required to reside in 14 hostels available in the campus. Cafeteria facilities are being provided to all the students.

The functioning of the Hostels is governed by the Hostel Regulations. All the hostels are spacious and equipped with modern facilities. 2015-16

The Alumni Association of the University was constituted on September 6, 2006 with its 35 founder members. It was registered on 10.07.2007 with its registration No. K-37915/472/2007-08 under Societies Registration No. Act. 1860. Since then every year meetings of the executive council and Annual General body were organized every year.   The goal of Alumni Association is to make sincere effort for and all round and holistic development of the university, its students and members. Personality development programmes for students and placement of students are our prime focus. Interface with Alumni's are also organized.

Governance, Leadership and Management

The highest policy making body of the University is the Board of Management with Vice Chancellor as its Chairman, ex-officio members are the secretaries of the government departments of Finance, Agriculture, Animal Husbandry and Higher Education and nine nominated members representing diverse field agricultural education, progressive farmers, agricultural graduates, the ICAR nominee and social workers. The Academic Council, Board of Studies, Finance Committee, Research Advisory Committee and Extension Advisory Committee advise the Board on academic and administrative matters.

The Vice-Chancellor is Principal Executive and Academic Head of the University and Ex-officio Chairman of Board of Management and Academic Council. Board of Management and Academic Council are the apex bodies, which takes decisions on administrative, financial and academic matters, respectively. The authorities like Academic Council, Board of Studies, Finance Committee, Research Advisory Committee, Extension Advisory Committee, Sports and Cultural Committees and various Boards Sub-Committees etc. provide necessary recommendations/ suggestions to facilitate the Board of Management to take appropriate decisions. The decisions taken by these two apex bodies are translated into action by respective functional heads. Matters pertaining to finance and budgetary aspects are channeled through Comptroller whereas those concerned with general administration are dealt through Director, Administration & Monitoring. Dean coordinates the academic activities of the University and the constituent colleges.

The academic regulations pertaining to student's admission and award of degrees are being looked after by Registrar of the University. The actions to be initiated in research and extension activities of the University are executed through Director of Research and Director of Extension, respectively. The students' co-curricular

activities are monitored through Dean Students' Welfare. Director Placement arranges the job to alumni of different faculties besides their career counselling. The activities pertaining to construction of buildings, maintenance of buildings and other physical facilities are monitored through University Engineer.

The administrative, technical and non-teaching staff is classified in Group A, B, C and D. Appointing Authority for the posts in Group 'A' is the BOM and for Group 'B', Group 'C' and Group 'D' is the Vice-Chancellor. Promotion under *Carrier Advancement Scheme* (CAS) is also done regularly.

Institutional Values and Best Practices

The main motto of our University is to achieve excellence in all the spheres of academics, teaching, research and extension. We are committed to inculcate human values and divine qualities in the students, functional relationship with all the stakeholders for the holistic development of the individual and society. The University has consistently sustained a culture of best practices and innovations in its academic and administrative endeavours.

Around women for entering in skilled labor sectors. CSAUAT, Kanpur is ensuring equal concern for girls and boys in the institution in all curricular, co-curricular and extracurricular activities through its proactive faculty, staff and student programs. Some of the important genders sensitizing programmes regularly organized by the University are as follows:

International Fortnight to Stop Violence against Women Nov. 25 to Dec. 10, 2012 is observed as the International Fortnight of Stop Violence against women.

Independence Day (August 15 of every year): is celebrated on the theme "Women Hold Half the Sky".

Participation in "One Billion Rising" (February 14, 2016): This was a global event organized to protest against the growing violence against women. In Kanpur, the theme was *Gender Equity* making public spaces safer for women. Our students participated in this.

World Human Rights Day – Women's Human Rights (December 10, 2015): NSS coordinator unit celebrated this day by having a quiz on women's human rights, poster exhibition, group discussion on 'right to the city'.

Campaign Combating Sex Selective Abortion/ Female Foeticide (July 13, 2017)**:** Events like essay writing, poetry, collages and posters making, group discussions are organized to sensitize the people.

Women's Safety Audit on CSAUAT Campus: (December 2018) This was undertaken to make the campus safer for women as a part of NSS Campaign

Campaign Men against Gender Violence: An awareness rally, distribution of pamphlets and posters on prominent places were put up as a part of NSS Campaign. (3 & 4 Jan. 2013)

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the University	
Name	CHANDRA SHEKHAR AZAD UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, KANPUR, UTTAR PRADESH
Address	Chandra Shekhar Azad University of Agriculture and Technology, Kanpur
City	Kanpur Nagar
State	Uttar pradesh
Pin	208002
Website	www.csauk.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	D. R. Singh	0512-2534155	9434264404	0512-2533808	vc@csauk.ac.in
IQAC / CIQA coordinator	P. K. Singh	0512-2533704	7355751246	0512-2533906	pksingh@csauk.ac.in

Nature of University	
Nature of University	State University

Type of University	
Type of University	Unitary

Establishment Details	
Establishment Date of the University	17-03-1975
Status Prior to Establishment,If applicable	Affiliated College
Establishment Date	01-07-1906

Recognition Details

Date of Recognition as a University by UGC or Any Other National Agency :		
Under Section	**Date**	**View Document**
2f of UGC	01-02-2020	View Document
12B of UGC	01-02-2020	View Document

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.**	**Programmes Offered**	**Date of Establishment**	**Date of Recognition by UGC/MHRD**
Main campus	Chandra Shekhar Azad University of Agriculture and Technology, Kanpur	Urban	279.3	110805	UG, PG and Ph.D. (Agriculture, Horticulture and Home Science) and UG-Forestry		
Off Campus	College Of Agriculture, Lakhimpur Kheri (u.p.)	Rural	61.75	15163.49	UG-Agriculture	01-07-2015	01-02-2020
Off Campus	College Of Dairy Technology Etawah	Urban	16.18	56201.89	B.Tech. (Dairy Technology)	01-07-2015	01-02-2020
Off Campus	College Of Fisherie	Urban	3.95	1426	B.F.Sc. (Fisheries	01-07-2015	01-02-2020

					Science)		
	s Science And Research Centre, Etawah						
Off Campus	*Baba Saheb (dr.) B R Ambedkar College Of Agricultural Engineering And Technology, Etawah*	*Urban*	*124.87*	*42327.89*	*B.Tech. (Agril. Engg., Computer Science, Mechanical Engg. and Electronics and Communication Engg.)*	*01-07-1994*	*01-02-2020*

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	8
Affiliated Colleges	0
Colleges Under 2(f)	8
Colleges Under 2(f) and 12B	8
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	2

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

SRA program	Document
AICTE	110514_6746_1_1629984159.pdf
ICAR	110514_6746_3_1625638433.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			29				112				330
Recruited	28	0	0	28	40	0	0	40	54	21	0	75
Yet to Recruit			1				72				255
On Contract	0	0	0	0	0	0	0	0	0	0	0	0

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned				1192
Recruited	893	97	0	990
Yet to Recruit				202
On Contract	0	0	0	0

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Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned				239
Recruited	127	7	0	134
Yet to Recruit				105
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	0	0	0	0	0	0	0	0	0	0
Ph.D.	28	0	0	39	1	0	136	20	0	224
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	18	1	0	19

Temporary Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	12	7	0	19
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	33	13	0	46

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	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

Distinguished Academicians Appointed As

	Male	**Female**	**Others**	**Total**
Emeritus Professor	0	1	0	1
Adjunct Professor	0	0	0	0
Visiting Professor	0	0	0	0

Chairs Instituted by the University

Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	Soil Science and Agricultural Chemistry	IFFCO Chair	Indian Farmer Fertilizer Cooperative Limited

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	1223	26	0	1	1250
	Female	334	20	0	0	354
	Others	0	0	0	0	0
PG	Male	254	36	0	0	290
	Female	43	22	0	0	65
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	126	1	0	0	127
	Female	29	0	0	0	29
	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	Nill
Number of UGC Orientation Programmes	0
Number of UGC Refresher Course	0
Number of University's own Programmes	0
Total Number of Programmes Conducted (last five years)	0

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Baba Saheb Dr B R Ambedkar College Of Agricultural Engineering And Technology Etawah	View Document
College Of Agriculture	View Document
College Of Dairy Technology Etawah	View Document
College Of Forestry	View Document

College Of Horticulture	[View Document](#)
Department Of Agricultural Biochemistry	[View Document](#)
Department Of Agricultural Economics And Statistics	[View Document](#)
Department Of Agricultural Extension	[View Document](#)
Department Of Agronomy	[View Document](#)
Department Of Animal Husbandry And Dairying	[View Document](#)
Department Of Entomology	[View Document](#)
Department Of Extension Education And Communication Management	[View Document](#)
Department Of Family Resource Management	[View Document](#)
Department Of Food Science And Nutrition	[View Document](#)
Department Of Fruit Science	[View Document](#)
Department Of Genetics And Plant Breeding	[View Document](#)
Department Of Human Development And Family Studies	[View Document](#)
Department Of Plant Pathology	[View Document](#)
Department Of Plant Physiology	[View Document](#)
Department Of Seed Science And Technology	[View Document](#)
Department Of Soil Conservation And Water Management	[View Document](#)
Department Of Soil Science And Agricultural Chemistry	[View Document](#)
Department Of Textile And Clothing	[View Document](#)
Department Of Vegetable Science	[View Document](#)
Maharani Avanti Bai College Of Home Science	[View Document](#)

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Extended Profile

1 Program

1.1

Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
32	32	32	32	32

File Description	Document
Institutional data in prescribed format	View Document

1.2

Number of departments offering academic programmes

Response: 21

2 Students

2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2137	2111	2196	2305	2117

File Description	Document
Institutional data in prescribed format	View Document

2.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
618	701	487	424	501

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of students appeared in the University examination year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
618	701	487	424	501
File Description			Document	
Institutional data in prescribed format			View Document	

2.4

Number of revaluation applications year-wise during the last 5 years

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

3 Teachers

3.1

Number of courses in all programs year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
844	844	844	844	844
File Description			Document	
Institutional data in prescribed format			View Document	

3.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
239	243	265	271	285
File Description			Document	
Institutional data in prescribed format			View Document	

3.3

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Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
480	471	471	433	433

File Description	Document
Institutional data in prescribed format	[View Document]

4 Institution

4.1

Number of eligible applications received for admissions to all the programs year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
5841	6987	6157	6094	5098

File Description	Document
Institutional data in prescribed format	[View Document]

4.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
394	422	552	467	430

File Description	Document
Institutional data in prescribed format	[View Document]

4.3

Total number of classrooms and seminar halls

Response: 119

4.4

Total number of computers in the campus for academic purpose

Response: 275

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4.5

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
6948	3295	4562	2928	3410

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, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.

Response:

ICAR is the apex body for co-ordinating, guiding and managing research and education in agriculture in the entire country. Our University also adopting the guidelines of ICAR to provide quality agricultural education through policy support, accreditation, framing of minimum standards for higher agricultural education, academic regulation, personnel policies, review of course curricula and delivery systems, development support for creating/ strengthening infrastructure and facilities, improvement of faculty competence and admission of students. Curricula developed and implemented by the University is based on local, national, regional and global developmental needs, which are as follows:

- To reorient graduates of Agriculture and allied subjects (Agricultural Engineering, Community Science, Forestry, Horticulture, Fisheries Science & Dairy Technology) for ensuring and assuring employability and develop entrepreneurs for emerging knowledge intensive agriculture through hands on training, skill development training, Rural Agriculture Works Experience, industrial attachment, internship etc.
- Introduction of common course in agriculture and allied subjects like Environmental Studies & Disaster Management, Communication Skills & Personality Development, Information & Communication Technology, Entrepreneurship Development & Business Management, Agri-Informatics and Economics and Marketing in all the undergraduate programmes for personality development.
- The University has adopted the semester based course work in all the programmes. One credit lecture is 50 minutes (one period) duration or minimum of two-periods (100 minutes) practical/ and three- periods for field work per week. Thus, in a semester, 18 periods for theory and 36 periods for practical/ tutorial work per credit are required. However, for many courses where field work is required, one credit requires 3 periods of field work per week.
- As per ICAR Model Course Curriculum, Syllabus has been developed to meet local, regional and national requirements. The minimum credit requirement for the graduate degree should be **183 credits** for Math/Bio and **184 credit** for Agriculture including non-gradial and remedial courses.
- The minimum credit load requirement for Master Degree is 55 and Ph.D. degree is 75. Duration of M.Sc. degree is two years and Ph.D. degree programme is three years.
- University also developed and implemented the courses in four years B.Sc. (Hons.) Degree programme as basic fundamentals courses in first year, theory/ practicals and principles in second year, modern and frontier area of education in third year and Student READY programme of one year in final year.

Programme specific outcomes:

- An capability to design a component system, or process to meet necessary needs within the realistic

constraints such as environmental, safety, health, economic, social, political, ethical, manufacturability and sustainability.

- An capability to use the techniques, skills, modern tools and concepts of agricultural, horticultural, forestry, community science, fisheries science, dairy technology and agricultural engineering.
- An ability to design, implement and evaluate the agriculture and allied subjects based system, components or processes to meet the desired needs within realistic constraints.
- An ability to develop entrepreneurship skill through hands-on-training and industrial attachment.

1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

Response: 100

1.1.2.1 **How many Programmes were revised out of total number of Programmes offered during the last five years**

Response: 48

1.1.2.2 **Number of all Programmes offered by the institution during the last five years.**

Response: 48

File Description	Document
Minutes of relevant Academic Council/BOS meeting	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Details of Programme syllabus revision in last 5 years	[View Document](#)

1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

Response: 16.35

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
138	138	138	138	138

File Description	Document
Programme/ Curriculum/ Syllabus of the courses	View Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document
Institutional data in prescribed format	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.

Response: 26.23

1.2.1.1 **How many new courses were introduced within the last five years.**

Response: 16

1.2.1.2 **Number of courses offered by the institution across all programmes during the last five years.**

Response: 61

File Description	Document
Minutes of relevant Academic Council/BOS meeting	View Document
Institutional data in prescribed format	View Document

1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).

Response: 125

1.2.2.1 **Number of Programmes in which CBCS / Elective course system implemented.**

Response: 40

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum

Response:

Chandra Shekhar Azad University of Agriculture & Technology, Kanpur inculcates various cross cutting issues linked to human values, gender equality, professional ethics, promotion of environmental conservation and sustainable development among students. University strives to address for various issues relevant to these spheres. The students undertake a number of activities to inculcate these values. Undergraduate, Master and Ph.D. programmes in Agriculture and Allied Subjects sensitizes students with innovative teaching-learning pedagogies to acquaint with environment and sustainable development related issues. Various aspects of Agricultural Sciences, Community Science, Forestry, Horticulture, Agricultural Engineering, Dairy Technology and Fisheries Science as a subject are taught in undergraduate, master and Ph.D. programmes. A glance of all courses reflects the diversity of courses covered in the area of agriculture and allied subjects. Now a days students are very much enthusiastic to study the subject of agriculture, community science, forestry, horticulture, agricultural engineering, dairy technology and fisheries science. Gender and ethical issues are part of almost every discipline of Agricultural and allied subjects. Additionally students are sensitized on the above degree programme through course work, series of extra-curricular activities including lecture series by eminent personalities and cultural events organized regularly by the students with the support of Dean Student's Welfare. Equal opportunities are provided to both the genders in all aspects like admissions, employment, training programmes, sports, cultural activities etc., and so issues pertaining to gender discrimination generally do not arise. Women's day is celebrated and popularized in the University campus every year on the occasion of International Women's day. Both boys and girls are made members of various cultural committees associated with academic, co-curricular and extracurricular activities. Girls and boys participate in various co-curricular activities such as paper presentations, organization of paper contests, group discussions and technical quiz programmes.

Important courses like *Environmental Study and Disaster Management, Environment and Ecology, Environmental Studies, Human values, Communication Skills and Personality Development, General English, environment, sustainability and personality development* are running in the Programmes. These subjects provide free environment for inculcating values and developing ethical competence among the students. It is in response to a long- felt and urgent need to integrate value education with decision making skills in their personal, social and professional life.

The University has Women Grievance Cell and Grievance Redressal Cell to provide counseling to students, promote gender equity among students and also deal with related issues of safety and security of female students, staff and faculty. There are separate Boys & Girls hostels in all the campus for providing the better, congenial and comfortable atmosphere to all students. University also organized awareness programmes from time to time to keep the campus, hygienic, pleasant, clean and green campus. Awareness about environment is necessary for the protection of the environment and survival of human life. The basic aim of this subject is to make the students aware about the importance of ecosystem to human life.

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	View Document

1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.

Response: 0

1.3.2.1 **How many new value-added courses are added within the last five years.**

File Description	Document
Institutional data in prescribed format	View Document

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 205.06

1.3.3.1 **Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
4992	4496	4532	4672	3592

1.3.4 Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).

Response: 20.31

1.3.4.1 **Number of students undertaking field projects or research projects or internships.**

Response: 434

File Description	Document
List of Programmes and number of students undertaking field projects research projects/ / internships (Data Template)	View Document

1.4 Feedback System

1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni

Response: E. None of the above

File Description	Document
URL for stakeholder feedback report	View Document
Institutional data in prescribed format	View Document

1.4.2 Feedback processes of the institution may be classified as follows:

Response: E. Feedback not collected

File Description	Document
Institutional data in prescribed format	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Demand Ratio (Average of last five years)

Response: 8.01

2.1.1.1 **Number of seats available year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
700	698	862	770	767

File Description	Document
Demand Ratio (Average of Last five years) based on Data Template upload the document	[View Document](#)

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the last five years (Excluding Supernumerary Seats)

Response: 78.83

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
319	283	419	354	406

File Description	Document
Average percentage of seats filled against seats reserved (Data Template)	[View Document](#)

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

The admission to various programmes is done strictly in order of merit-cum-reservation, based on the

aggregate marks obtained by the candidates in the Combined Agricultural and Technology Entrance Test (UPCATET). After the students are admitted to our university, orientation programme is organized for fresher students at the commencement of new academic session each year. The students are apprised about the issues including the rules and regulations of the university teaching methodologies, students information system, learning management system, discipline, anti -ragging, student welfare activities, administration and sport facilities, examination system, grading system, university placement cell activities, life on campus etc. Introductory lectures for all the subjects are devoted to discuss and understand special needs of the students. The university have developed single window system of mechanisms for student assessment and adoption of remedial measures to solve student's problems. Students are categorized based on their previous qualifying examinations marks, assessment test, class room performances and personal performance. The system of continuous internal assessment through tests, seminars, assignments, presentations also helps teachers to monitor and assess the progress of students. Assessing the students based on internal examinations helps to identify slow learners and quick learners. This system also helps students to get a feedback on their progress of mid-course so that they can work towards improvement. Based on their performance, students are advised and encouraged to improve the learning. Often special classes are also organised by many departments to address specific needs of advanced and slow learners. Weekly discussions, and visual demonstrations (PPT presentation) and online submission of lecture notes also feed into student learning outside the classroom. Certain departments also organize special programmes for the students related to motivation, leadership training, and confidence-building, mental health and life skills. A number of departments also follow a mentor-mentee process for providing personalized and regular support to students. Senior students or individual faculty members are assigned as mentors to students to help them to cope with their studies and even problems in their personal domain which impact their overall performance/well being. E-lecturers are also being uploaded by faculties on the website of the University for the benefit of slow learners. Platforms for enabling students to participate in diverse curricular and co-curricular forums like seminars, conferences, lectures, and other literary and cultural events are consistently organised. Students who demonstrate high standards of academic performance are encouraged to take up summer internships and dissertation projects in industry, renowned R&D laboratories, and other Universities to broaden the scope of their learning. The university is always conscious about creating a supportive environment for those, who are under-privileged or deprived. The university also identifies notorious, indiscipline or psychologically weak students for counselling and mentoring them. The students who do not seem to cope up with the pace of learning are counselled by the Faculty Members and the Head of the department.

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

Response: 9:1

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 experiences

Response:

The curricula of various programs in University are designed to ensure that students are theoretically sound, able to relate the concepts practically and analyse the possible outcomes. All Departments are following student centric teaching- learning pedagogies to satisfactorily attain the learning objectives of

students. Lectures in classroom are held in interactive mode, engaging students in meaningful discussions, thus converting a classroom into a space for knowledge enhancement. Students are encouraged to engage in self-motivated, problem-solving approaches to sensitize them towards practical utility of their knowledge.

The university is involved in teaching of UG/PG students on practical aspects in research and extension activities. Students are exposed to lab and field experiments as well as to the extension related activities like FLDs, Kisan days, Farmer-Scientist interactions, training programmes, farmer's fair, Kisan Gosthi with stakeholders etc. Student READY (RAWE programme) is organized every year for the UG students in the identified areas/location every year as per Vth Dean's Committee of ICAR, New Delhi to strive for development of strong linkages with industry and identified areas for knowledge transfer.

Presently in our university eight Experiential Learning Programmes in College of Agriculture, two in College of Horticulture, one In-Plant training in College of Home Science, one In-plant training in College of Agril. Engineering, two Experiential Learning Programme in College of Forestry are running covering different aspects of Production and Protection Technologies. A training programme on development of soft skills for entrepreneurship among agri-graduates was organized in the topic covering the area of topics such as confidence building, communication skills development, team work and team building, innovations and start up. Faculty members also incorporate case studies / good practices and field /exposure visits as a part of teaching. Additionally, lectures by invited experts and industry professionals, workshops and National / International seminars on relevant issues are routinely held to supplement students' knowledge and keep them aware about global academic and research innovation. Faculty use ICT enabled classrooms with audio-visual systems and Wi-Fi facilities for student centric learning through power-point presentations, e-learning platforms, films and deployment of other innovative programme media. Libraries are well-equipped with latest textbooks and reference material, and students have easy access to journals

Guest lectures by experts from the industry and academia are organized by the respective departments, to provide knowledge beyond the prescribed syllabus. Industrial visits and value added courses are arranged to give hands-on experience to the students. In addition to academics, to be a socially responsible citizen, University encourages the students to participate in NSS and NCC activities with equal enthusiasm to develop their overall personality. In many departments students have to undergo industrial / project training as a part of their curriculum. IQAC is involved in undertaking and institutionalizing quality enhancement initiatives and promoting holistic development of its student. It also organizes Faculty Development Programs that helps in enhancing academic delivery to facilitate and improve the teaching learning process.

2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process.

Response:

ICT play an important role in addressing the challenges in agriculture and uplifting the livelihood of rural poor. Realizing the importance and utility of this information technology the University has set up Centralized Computer Lab and an Agricultural Knowledge Management Unit (AKMU) from financial support of ICAR in the year 2011, which is equipped with ICT facilities that is highly beneficial for good

governance and providing facility to support university education system.

AKMU is well equipped with infrastructures like Linux server, WiFi AP, Computer workstations, printers and various software's like-SAS, Corel etc. E-mail and internet connectivity through NIC 1 Gbps Fiber link is being used by more than 250 nodes. The website of the University www.csauk.ac.in is hosted and maintained by the AKMU. It provides the information about all the research, teaching and extension activities of the university and has interconnected all the departments.

The Cell also provides facilities such as LAN/WiFi connectivity to various offices of the university and all Departments in the College of Agriculture, college of Forestry, college of Horticulture and college of Home Science. All faculty members of the university have been trained in various usages of computer software programme and applications viz: Basics, Windows, MS-Office, Networking, E-mail, internet, data analysis and project planning. The well furnished AKMU Cell with up-to-date technology facilitates an improved teaching-learning experience, enhances teaching efficiency and assists in research amongst faculty members. Most commonly used ICT facility for teaching the students include power point presentation and video lecture.

A MoU has been signed between university and Reliance Jio Infocomm Limited (RJIL) for providing free internet connectivity through optical fiber/wireless media in the university campus.

Smart Class Rooms with LCD, Wi-Fi, Interactive board, auto sliding screen smart board, e-podium facilities available, which are used for teaching and learning purposes. The efforts are in progress to increase the number of Smart Class Rooms in each and every department of University in order to impart students in an interactive mode. The smart class room is used for dissemination of information & knowledge during online/offline teaching and learning process.

Today, it is essential for the students to learn and master the latest technologies in order to be corporate ready. As a consequence, teachers are combining technology with traditional mode of instruction to engage students in long term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education.

Due to advancement in teaching methodology, an integrated teaching and learning programme conversing both the theoretical and practical the followings aspects is governed by lectures-cum-demonstrations, explanations and narration, workshop/seminars, role-plays – teaching, group discussion - project method, collaborative and cooperative method, assignment and homework, powerpoint presentation, field trips, on-line methods through cisco webex meeting, zoom etc. and e-notes.

File Description	Document
Provide link for webpage describing the " LMS/ Academic management system"	[View Document]()

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 18:1

2.3.3.1 **Number of mentors**

Response: 117

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	View Document
Circulars pertaining to assigning mentors to mentees	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 57.21

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. year-wise during the last five years

Response: 93.83

2.4.2.1 **Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
224	234	246	252	266

File Description	Document
List of number of full time teachers with Ph D/D M/M Ch/D N B Superspeciality/DSc/D Lit and number of full time teachers for 5 years	View Document

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 23.12

2.4.3.1 **Total experience of full-time teachers**

Response: 5526

File Description	Document
List of Teachers including their PAN, designation, dept and experience details	[View Document](#)

2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the last five years

Response: 97.85

2.4.4.1 **Number of full time teachers receiving awards from state /national /international level from Government/Govt. recognized bodies year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
64	58	54	40	39

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of award letters (scanned or soft copy)	[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 declaration of results year-wise during the last five years

Response: 27.8

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

2020-21	2019-20	2018-19	2017-18	2016-17
25	31	29	28	26

File Description	Document
List of Programmes and date of last semester and date of declaration of results	[View Document](#)

2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 6.78

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

2020-21	2019-20	2018-19	2017-18	2016-17
30	39	42	36	32

File Description	Document
Number of complaints and total number of students appeared year wise	[View Document](#)

2.5.3 IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

Response:

The university has a full-fledged office of the Controller of Examination with a proper establishment and sufficient number of staff. The University has adopted the recommendations of the ICAR Fifth Dean's Committee in all the programmes at Undergraduate level and New and Restructured PG Curricula and Syllabi at postgraduate level.

Maximum permissible course workload per semester

- Undergraduate Programme 23 credits
- Master's Programme   18 credits
- Doctoral Programme   18 credits

Evaluation Procedure

Types of examinations

The Examinations are of the following types:

(1)   Hourly Examination

(2)   Practical including viva-voce

(3)   Final Examination

Hourly Examination

Hourly examination consists of 20 marks. This is organized nearly in the middle of a semester and the date of holding this examination is announced by the instructor in advance. It consist of objective type questions (brief answers) of 8 marks and detailed questions of 12 marks.

Practical and Viva-Voce Examination

All final practical including viva-voce examination is organized at least one week before the commencement of the final semester examination. Total marks of practical and viva voce examination is 30.

Final Examination

The final examination schedule is prepared and notified by the Registrar ten days before the commencement of the examination. The Examination is conducted in all the colleges. Candidates coming late by more than 30 minutes in the Final Semester examination are not allowed to appear in that examination and no examinee are allowed to go out of the examination hall for the first 30 minutes. The total marks for final examination is 60 and distributed between Objective (20 marks) and Subjective (40 marks).

If a student fails to appear in any hourly or semester final examination for reasons beyond his/ her control, he/she has to file an application on the very day on which the examination is missed. As far as possible, make-up examinations shall be discouraged. Only in extremely genuine cases like hospitalization, a student can be permitted by the Dean to appear at the make-up examination in the hourly or final examination. Dean is empowered to allow a student for make-up only in hourly examination, if he/she fulfills the requirements.

Various IT technologies used in evaluation process comprises use of hand held tablets, computer, projector devices, interactive board and audio players. These IT facilities can be integrated for completing the various task of students like port folio and project based assessment.

Each student is supposed to be regular in attending classes and shall be required to have a minimum of 80% attendance in each course in each semester, failing which he/she will not be allowed to appear in the examinations and no grade point can be awarded in that course.

2.5.4 Status of automation of Examination division along with approved Examination Manual

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

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	View Document
Any additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

Response:

The university is dedicated to provide best education to the students. It acts as a catalyst in shaping a bright and sustainable future for students of Uttar Pradesh and as well as of India. The outcomes of all the programmes running in the university can be categorized as academic development, personality development, professional development, social and ethical development etc.

Academic development outcome includes thorough knowledge of the subject understanding beyond subject domains developing ability to identify and analyze problems competency for research and innovation developing ability for critical evaluation and apply a systematic critical assessment. Developing ability to solve complex issues and problems decision making ability to make sound judgment after considering all facts ability to work independently to build up capacity for creativity. Personality development outcome viz. communicate more effectively in professional and personal lives cultivating ability to communicate knowledge effectively understanding of emotions for success at work and socially cultivating skills to work in teams and be a team leader ability to work collaboratively and enhance group initiatives ability to use time more effectively by planning in advance demonstrate leadership within discipline and within workplace developing interest to continue to enlarge knowledge understanding and skills. Professional, social and ethical development such as develop soft skills that an employer looks for and as listed in personal development understanding and respecting diversity and encourage inclusion initiatives. Global development of the ability to respect diverse cultural perspectives and apply knowledge in culturally appropriate manner. Develop, skills like flexibility, focus, managing people, self-reliance cross cultural, understanding the need for ethical conduct, knowledge ethics and ethical standards commitment to community, society and national development appreciate local, societal and national issues and contexts related to research and practice.

In our dynamic education system, the technologies of tomorrow are already being used in our classrooms today. We prepare our students for the future ready trends and innovation of technology by providing information of Audio-Visual Aids, Computer-assisted programs, Language Laboratory. Psychological tests labs and Science Laboratory practices.

A teacher is a compass that activates the magnets of curiosity, knowledge and wisdom in the pupils. We aspire to be a leading institute in the country offering quality education to enlighten, emancipate and empower the student, teacher fraternity and foster lifelong learning. A great teacher should have incredible knowledge and enthusiasm for the subject matter. We impart remarkable education through afferent

innovative techniques in classroom with the help of Lectures, Demonstrations, PPT (power point presentations) and well-equipped workshops to provide our students a wide vision and comprehension.

Professional efficiency is the most important skill of doing accurate things according to diverse situations. We endow our students with the best exposure by authentic internship and teaching practice to build up these valuable qualities.

The University has built a range of partnerships in research, education and training–including with industry and business, professional associations, not-for-profit organizations, government-funded research agencies, other educational institutions at national and international level.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	[View Document](#)

2.6.2 Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution

Response:

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. Curriculum, Assessment and Evaluation are the major tools by which Program Outcomes are attained through the process cycle comprises of three phases, viz. Planning Phase, Action Phase and lastly the Measure and Analysis phase. Planning phase: the course Outcome and Objectives are set and the curriculum is designed. The method of assessment and schedule of assessment is also done. Action phase: it delivered the question paper for assessment is drawn and internal assessments are conducted and evaluation is done. Measure and Analysis phase: based on the marks obtained by the students we need to measure the Curriculum and Program Outcomes attainment, analyse and take appropriate actions so that there is a continuous improvement. The syllabi of courses are designed based on desired learning outcomes are in tune with the expectation of the professional bodies. The program outcomes are carefully fixed studying the graduate attributes and blending those appropriately to suit the program being offered. Each course outcome is mapped with the Program outcomes, and program specific objectives.

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 courses, 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 examination process. The Course Learning Objectives determine course content and assessment strategies. They ensure the implementation of outcome based education. Thus the teaching, learning and assessment strategies are structured in such as way so that, they facilitate the achievement of the intended learning outcomes. 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 exam, in internal evaluation. Faculty members play advisory roles to discuss decline in students' performance, if any, by discussing with the students. Use of Information Technology and smart class facilities are highly encouraging among the faculty members to strengthen and support learning process. 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.

2.6.3 Pass Percentage of students(Data for the latest completed academic year)

Response: 93.32

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

Response: 573

2.6.3.2 **Total number of final year students who appeared for the examination conducted by the Institution.**

Response: 614

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination	<u>View Document</u>
Paste link for the annual report	<u>View Document</u>

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process	
Response:	
File Description	**Document**
Upload database of all currently enrolled students	<u>View Document</u>

07-04-2022 10:37:54

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 is a well defined policy for promotion of research which is uploaded on the institutional website and implemented

Response:

University came into existence in March 1975 and since then its contribution and achievements are flourishing continuously even today. The University has taken several programmes and initiatives for furthering agricultural research which have resulted in several notable contributions and remarkable accomplishments as narrates its glorious past of this Centenary agricultural institution. Attempt has also been given to develop low cost production technology especially for small and marginal farmers who hardly managed high investment. Many released varieties were found suitable in cropping systems and paved a way for diversification of Agriculture and greater emphasis is being laid on improving agriculture productivity by developing short duration, high yielding, diseases and pests resistant varieties in crops with their matching agro-techniques suited to various regions.

Directorate of Research of the University, Planning, Execution, Monitoring, Co-ordination, Evaluation and Impact Assessment of Research Programmes across the Faculties to cater the research needs of two agro-climatic zones of state of Uttar Pradesh namely, South-Western Semi- Arid and Central plain zones covering 22 districts of five administrative divisions. The university has developed more than 291 high yielding varieties in cereals, oilseeds, pulses, vegetables and other important crops. University have four Research Sections (Rabi cereals, oilseeds, legumes an d vegetables), four crop units (paddy, sorghum, cotton & tobacco), five Regional Research Stations (KalaiAligarh, Mainpuri, Hazratpur-Firozabad, Daleepneger-Kanpur, Saini–Kaushambi,) and 14 farms (research and seed multiplication).

The research programmes in the university can be broadly classified into four major areas viz.

Basic or Fundamental Research, Applied research, Need-based research and Operational Research.

Productivity Constrains and area of Research: The area jurisdiction of University spread over in two zones of State of Uttar Pradesh viz; South Western Sem-arid Zone and Central Plain Zone and working for enhancement of the agricultural and socio-economic development of the regions.

Research Council: Research Advisory Committee composed of the Vice-Chancellor as Chairman, the Director of the Agriculture Experiment Station as Secretary and Deans of the colleges and director Extension and members, this committee shall advice the Vice-Chancellor regarding (a) allocation of fund for research (b) the conditions for accepting grants and (c) other matters affecting the research programme of the any University.

The Directorate of Research played a major role in organizing the Zonal Research and Extension Advisory Committee (ZREAC) and Departmental Research Advisory Committee (RAC) Meetings held twice a year, once before the onset of *Kharif* and *Rabi* seasons and reviewed the results of the previous year's research programme, its relevance to identified problems the need for further continuation/ modification to achieve the objectives during the next year. The meetings also provide a research forum to identify and prioritize the research needs based on the feedback from farmers and extension scientists and

formulate the technical programme.

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View Document]()
URL of Policy document on promotion of research uploaded on website	[View Document]()

3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

Response: 117.19

3.1.2.1 **The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).**

2020-21	2019-20	2018-19	2017-18	2016-17
113.25	112.68	111.47	113.74	134.83

File Description	Document
Institutional data in prescribed format	[View Document]()
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	[View Document]()
Any additional information	[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: 0.31

3.1.3.1 **The number of teachers who received national / international fellowship / financial support by various agencies for advanced studies / research year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
0	1	1	0	2

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the award letters of the teachers	View Document

3.1.4 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the last five years.

Response: 9

3.1.4.1 **The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	3	1	3

File Description	Document
Institutional data in prescribed format	View Document

3.1.5 Institution has the following facilities to support research

1. Central Instrumentation Centre
2. Animal House/Green House
3. Museum
4. Media laboratory/Studios
5. Business Lab
6. Research/Statistical Databases
7. Mootcourt
8. Theatre
9. Art Gallery
10. Any other facility to support research

Response: A. 4 or more of the above

File Description	Document
Upload the list of facilities provided by the university and their year of establishment	View Document

3.1.6 Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data for the latest completed academic year)

Response: 80.95

3.1.6.1 The Number of departments with UGC-SAP, CAS, DST-FIST , DBT, ICSSR and other similar recognitions by national and international agencies.

Response: 17

File Description	Document
Institutional data in prescribed format	View Document
e-version of departmental recognition award letters	View Document

3.2 Resource Mobilization for Research

3.2.1 Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the last five years (INR in Lakhs).

Response: 291.81

3.2.1.1 **Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years (INR in Lakhs).**

2020-21	2019-20	2018-19	2017-18	2016-17
62.02	71.64	57.92	34.23	66.00

File Description	Document
Institutional data in prescribed format	View Document

3.2.2 Grants for research projects sponsored by the government agencies during the last five years (INR in Lakhs).

Response: 4119.36

3.2.2.1 **Total Grants for research projects sponsored by the government agencies year-wise during the last five years (INR in Lakhs).**

2020-21	2019-20	2018-19	2017-18	2016-17
1094.54	451.61	2132.9	329.45	110.86

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the grant award letters for research projects sponsored by government	View Document

3.2.3 Number of research projects per teacher funded by government and non-government agencies during the last five years

Response: 0.78

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

Response: 38

3.2.3.2 **Number of full time teachers worked in the institution year-wise during the last five years..**

Response: 243

File Description	Document
Supporting document from Funding Agency	View Document
Institutional data in prescribed format	View Document
Paste Link for the funding agency website	View Document

3.3 Innovation Ecosystem

3.3.1 Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge.

Response:

The Chandra Shekhar Azad University of Agriculture and Technology, Kanpur U.P. globally renowned Patthar College is pioneer in the country in agricultural research and education. This University has proven itself able to adapt for changing physical, educational and socio economic environment that we see today in to continue to make significant contributions to build up scientific and educational excellence in maintaining the state and national food balance. This university internationally known for its wheat varieties K 9107- Deva (adopted by Bangladesh for large scale cultivation) and K 9006- Ujiyar (adopted by Nepal and released as Achutya). In case of pulses, lentil variety K -75-Malika(for high export quality, high seed demand from South Korea. In varietal capacity building of Uttar Pradesh, CSA University has contributed about 94 % in linseed, 91 % in sesame, 80% in chickpea, 74-70 % in groundnut, vegetables and mustard, 65 % in barley: 52-47 in field pea, urdbean and lentil in distribution of certified seeds. Our alumni have made their "impression" by their sound knowledge and diligence where ever they are employed and have boost up glory of the University across the globe. This university has the credit to establish Anuppur village of Kanpur Dehat as first of its kind Bio-fortified Village in India to alleviate

problem of mal- nutrition and hidden hunger in economic feasible and as permanent option. Expertise and provide one stop solution to all agri-preneurs to innovate, patent, produce and scale up startups and agribusiness. We value our farmers, students and youth's startups and assist them to survive the tides of uncertainty by offering complete set of benefits such as;

- Focused individual/group Mentoring- One to one mentoring with wide pool of subject matter experts along with Customize mentoring session
- Capacity Building programs- such as Startup Incubation Program, Business Plan, Startathon, Ideathon Competitive events networking & facilitated learning sessions.
- Regulatory and Advisory services for marketing, Structuring an entity, Business plan building, Funding options and opportunities Company formation and government approvals etc.
- Intellectual Property Rights - Filling of Patents, Copyright and trademarks etc. One to one Counselling session with Innovators and Startup to nurture innovation, IPR Support for Technology Commercialization.
- Furnished Infrastructure like Startup workstations well equipped with internet Wi-Fi connection, Productive Meeting and Conference rooms and High tech Conference Management System (CMS)

3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development during the last five years.

Response: 0

3.3.2.1 **Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	[View Document]

3.3.3 Number of awards / recognitions received for research/innovations by the institution / teachers / research scholars / students during the last five years.

Response: 112

3.3.3.1 **Total number of awards / recognitions received for *research /* innovations won by institution / teachers / research scholars / students year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
24	23	24	20	21

File Description	Document
Institutional data in prescribed format	[View Document](#)
e- copies of award letters	[View Document](#)

3.4 Research Publications and Awards

3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee

Response: D. 1 of the above

File Description	Document
Code of ethics for Research document, Research Advisory committee and ethics committee constitution and list of members on these committees, software used for Plagiarism check, link to Website	[View Document](#)
Any additional information	[View Document](#)

3.4.2 The institution provides incentives to teachers who receive state, national and international recognitions/awards 1.Commendation and monetary incentive at a University function 2.Commendation and medal at a University function 3. Certificate of honor 4.Announcement in the Newsletter / website

Response: C. 2 of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
e- copies of the letters of awards	[View Document](#)

3.4.3 Number of Patents published / awarded during the last five years.

Response: 12

3.4.3.1 **Total number of Patents published / awarded year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
2	3	5	2	0

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.4.4 Number of Ph.D's awarded per teacher during the last five years.

Response: 2.32

3.4.4.1 **How many Ph.D's are awarded within last five years.**

Response: 88

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

Response: 38

File Description	Document
Institutional data in prescribed format	View Document

3.4.5 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 2.22

3.4.5.1 **Number of research papers in the Journals notified on UGC website during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
99	48	215	148	69

File Description	Document
Institutional data in prescribed format	View Document

3.4.6 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.3

3.4.6.1 **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
12	40	04	05	17

File Description	Document
Institutional data in prescribed format	[View Document]

3.4.7 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 Initiatives**
    6. **For Institutional LMS**

Response: D. Any 2 of the above

File Description	Document
Institutional data in prescribed format	[View Document]
Give links or upload document of e-content developed	[View Document]
Any additional information	[View Document]

3.4.8 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

Response: 2.52

File Description	Document
Bibliometrics of the publications during the last five years	[View Document]

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

Response: 10

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

3.5 Consultancy

3.5.1 Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy.

Response:

Increasing importance of agriculture in national and international trade, new opportunities have opened up for effective and efficient transfer of knowledge, skills and technologies. New opportunities can be more enriching for R&D programmes *viz;* application of expertise as well as revenue generation to the individual and institutions. Consultancy Service/contract research/contract services comprises all research activities under taken through specific contractual agreements with external agencies for the purpose. Contract research may be taken for advancement of science and resource generation for development, refinement are dissemination of knowledge, skills & technologies all such research project would normally by undertaken within the framework of mandate areas of the institute and should produce results in terms of new knowledge, skills are technologies. The contract research will cover the sponsored projects and collaborative projects. The sponsored projects would be fully funded by the client with specified objectives and well defined expected project out-up/results and collaborative projects would involved partial/full funding by the client or may be supplemented by provision of inputs such as expert manpower, product testing/trials, infrastructure facilities etc. such project may be for up-scaling/improving of laboratory level knowhow, variety evaluation, technology/product/process development. In consultancy services technical advice even in the form of one time assistance to help in trouble shooting are problem solving, mainly advisory nature pilot plant/up-scaling trials for technology validation and commercialization. The competent authority for approving the consultancy shall have the powers to decide whether a particular assignment is a consultancy or contract research. University has adopted the ICAR rules guidelines for professional services function (Consultancy Service/contract research/contract services and training) in 147th meeting of Board of Management held on 02.06.2012 and 152th meeting of Board of Management held on 06.09.2017. In order to develop a mechanism on partnership, resource generation and incentive and rewards within the system, the experience and the lessons learnt during the implementation of these guidelines, fast changing economic and technical environment and stockholders expectations have necessitated a relook at the existing guidelines. Since then, University is continuously serving the organization by providing expertise and resulting enhanced revenue generation of the university. A committee has been constituted for consultancy and contractual projects monitoring which includes (i) processing of all proposals related to consultancy, contract research, short and long term paid trials, (ii) evaluation/trials of plant products, chemicals, varieties,(iii) fixation of appropriate fee/charges to conduct trials, (iv)identifying suitable PI and Co-PIs for above projects, (v) fixing of intellectual fee and consultancy charges and (vi) interaction with different industries to promote resource generation. The committee was decided to distribute the collected consultancy/intellectual fee to the consultant/scientists as per ICAR norms with the approval of competent authority. The disbursement of consultancy/intellectual fee such as consultant, administrative and supporting consultants, Directorate of Research (for management, monitoring, record keeping, development of linkage, audit fee etc) and Institutional fee.

File Description	Document
Upload minutes of the Governing Council/ Syndicate/Board of Management related to consultancy policy	[View Document](#)

3.5.2 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

Response: 291.81

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

2020-21	2019-20	2018-19	2017-18	2016-17
62.02	71.64	57.92	34.23	66

File Description	Document
Institutional data in prescribed format	[View Document](#)
Audited statements of accounts indicating the revenue generated through consultancy	[View Document](#)

3.6 Extension Activities

3.6.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years.

Response:

The Students sansitized to social issues and holistic development by their participation in the different extension activities *viz.* Rural Awareness Work Experience, Farmer's Fair, Agri-Exhibition, Afforestation, Swachata Abhiyaaan, Environment Protection Activities, Water conservation, Food and Nutrition, Saksharta Abhiyaan. Student's partcipate in quiz, slogan, painting competitions based on social issues and holistic development at colleges and university level. They learned to prepare the plan for holistic development by involvement of people at grass root level through Participatory Rural Appriasal tools. During the stay of students in different villages they became aware with social issues. By their participation in Farmer's Fair, they interact with farmers, farm women enterprenuers and farmers organisations and developed the capacity to understand the social and scientific issues related to holistic development. The students are sensitized on social and holistic development issues by their participation in afforestaion, environment protection and natural resource activities. They understand the role of educational institiution in mitigation of malnutritional disorders in farmers, farm women and children by their participation in different programmes *viz.* Seminar and Krishak Gosthi organized on nutritional aspects. They became oriented on role of nutri-cereals, super foods and biofortified varities of different

crops in improvement of nutritional status of neibourhood community. Under the agies of Swach Bharat Abhiyaan students motivated for sanitization and hygiene of the neibourhood community. During the period of last five years 568 extension activities were organised and 5803 students sensitized.

The year wise extension activities organised for sensitizing the students to social issues and holistic development are as under:

Name of Activities	Yearwise activities						Number of students sensitized			
	2016-17	2017-18	2018-19	2019-20	2020-21	Total	2016-17	2017-18	2018-19	2019-2
Rural Awareness Work Experience	10	12	13	13			187	191	205	189
Farmer's Fair	11	13	13	13			120	130	115	100
Agri-Exhibition	12	12	13	12			110	125	105	105
Afforestation	12	13	11	13			125	135	110	110
Swachata Abhiyaaan	13	13	13	13			135	110	120	120
Environment Protection activities	14	13	15	15			170	115	130	125
Conservation of Natural resources	10	12	11	12			75	95	95	110
Food and Nutritional	12	13	13	14			70	75	90	120
Sakhcharta Abhiyaan	9	10	8	11			110	98	95	100
Quiz &Slogans writing	5	5	7	11			75	85	80	75
Total	**108**	**116**	**117**	**127**			**1177**	**1159**	**1145**	**1154**

File Description	Document
Upload any additional information	[View Document]

3.6.2 Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the last five years

Response: 152

3.6.2.1 **Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
41	43	29	17	22

File Description	Document
Institutional data in prescribed format	View Document
e-copy of the award letters	View Document

3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 87

3.6.3.1 **Number of extension and outreach programs conducted by the institution those through NSS/NCC, Government and Government recognised bodies during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
21	11	12	26	17

File Description	Document
Reports of the event organized	View Document
Institutional data in prescribed format	View Document

3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

Response: 121.68

3.6.4.1 **Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
2057	2454	2384	3070	3263

File Description	Document
Institutional data in prescribed format	View Document

3.7 Collaboration

3.7.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 39.2

3.7.1.1 **Total number of Collaborative activities with other institutions / research establishment / industry for research and academic development of faculty and students year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
32	61	59	32	12

File Description	Document
Institutional data in prescribed format	View Document
Copies of collaboration	View Document

3.7.2 Number of functional MoUs 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: 23

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

2020-21	2019-20	2018-19	2017-18	2016-17
6	7	5	4	1

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the MoUs with institution/ industry	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

The university prepares plans for its physical infrastructure likeclassrooms, laboratories, computing equipment, etc. based on its requirements with regard to increase in the number of students, number of faculty members, number of programmes opening up of new centers of learning, expansion of research laboratories for research and development activities of the colleges. The college of agriculture, college of Home Science, college of Horticulture, college of forestry has academic building in an area of 100073.06, 7258, 1736 and 1718 Sqm respectively. At Kanpur Campus College of Agriculture Engineering, Dairy Technology and Fisheries have academic building in an area of 42327.9, 56201, and 1426 Sqm respectively at Etawah Campus. The College of LakhimpurKheri Campus has academic building in an area of 15163.50 Sqm.

Faculty members prepare computer aided teaching-learning material in the form of lecture notes, power-point presentations, animations, videos etc. Computers, software and technical expertise are available in the University to help in developing such teaching-learning materials. Few departments have a dedicated computer lab / facility for student's usage. In Science Departments teaching and research laboratories are regularly upgraded and are well equipped with the necessary instrumentation and consumables to allow individual-centric, performance-based learning, involving experimentation by students rather than a demonstration-based teaching-learning process. At the end of every academic year the each college takes due care and plans thoroughly for availing adequate facilities for teaching in the forthcoming session.

The facilities of the Central Library are also available to assist learning process of students. Most of the department also have departmental library facilities for the student and faculty. Central Instrumentation facility (CIL), are also well established to conduct advance level research work for the student and faculties. All the departments have seminar halls that are used for student, faculty seminar and invited lectures by eminent scholars in the respective fields which target a larger audience. Most of the departments have committee room also for conducting departmental meeting and different activities of the department.

The University has one auditorium that can be used by any Department/Faculty/College for organizing lectures, conferences, symposium, workshops and many more activities. For Internet access and computing purpose, the University has massive network of computers with good band width. ARIS Cell at Kanpur Campus provide the facilities of internet to different department, hostels, academic building etc. of the university. The college also has sufficient computers for conducting practical and net facilities for the students and faculties. All computers are connected by LAN and Internet. Some computer laboratories are equipped with high end servers and computers with high end processors. The Etawah and LakhimpurKheri Campus have Internet facility with good band width.

Depending upon the needs and the requirements specified by the various statutory major facilities like Administrative building, Academic blocks, furnished offices, Museum, and guest houses have been buildup.

File Description	Document
Paste link for additional information	[View Document](#)

4.1.2 The institution has adequate facilities for cultural activities, yoga, games and sports (indoor & outdoor); (gymnasium, yoga centre, auditorium, etc.,)

Response:

Sufficient space and facilities in all the colleges are available for indoor and outdoor games like hockey field, football field, basket ball court, indoor badminton hall, gymnasium hall, Open air swimming pool, cricket ground, stadium without pavilion and roof, indoor stadium for carrom and table tennis, kho-kho court, athletic track, volley ball court etc. for the students. there is a good football field, cricket ground, basketball and volleyball, hockey, *kho-kho* and *kabaddi* court with an indoor stadium hall for badminton. besides, facilities for table tennis, chess, carom, swimming and gymnasium are also available at Kanpur campus. The team of various games in the colleges are selected and the University team comprising members from different colleges are sent for inter university, national and state competitions. various games counselors have be deputed among the faculty members. At Etawahcampus full time games coach has been appointed to look after the games and sports activities. In order to boost up the talent of the students, cultural programmes, debate, essay, painting competitions etc. are regularly being organized in the university and winners are sent to participate in various inter-university, national and state level competitions. Sufficient opportunities and facilities are provided to the students at each college for taking part at campus/ inter-campus/ inter-university/ inter-zone/ national level cultural activities for their overall development. In lieu of student associations, different clubs viz., fine arts, science, social service and literary are functioning at different colleges of the university. the university used to organize cultural activities during Independence Day, Republic Day, Gandhi Jayanti, Lal Bahadur Shastri Jayanti, Ambedkar Jayanti, Swami Vivekananda Jayanti, Chandra Shekhar Azad Jayanti and Farmers day celebrations at headquarters and at other college campuses.

The University used to participate in *All India Inter Agricultural University Sports& Games Meet* and *Agri. Sport Meet* every year as mandate of ICAR. It is heartening to mention that a number of students have excelled in sports and cultural activities at national level. For the students excelling in sports, the medals are being awarded during the annual function of the university. Proper weightage is being given to the candidates participated in sports/ cultural activities/ NCC/ NSS for admission to both undergraduate and postgraduate degree programmes in the University as per the prescribed regulations.

Further, physical education is a compulsory curricular programme for all the first year students of undergraduate degree programme. Qualified Physical Education Staff is provided to handle Physical Education classes and Sports activities at each Colleges. Sufficient facilities are provided to the students at each college for taking part at Campus/Inter-Campus/Inter-University/Inter-Zone/National level Sports activities and to improve their talents further.

The university has also auditorium facility with seating capacity 901 for conducting the different cultural programme, workshop, symposia, fresher party, orientation day etc.

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

4.1.3 Availability of general campus facilities and overall ambience

Response:

All the constituents' colleges are well equipped with physical infrastructure likeadministrative building, residential building, cultural hall, playgrounds, mess, cafeteria, agril. museum, sports and integrity clubs, medical facility, bank, post office etc. Students are provided necessary hostel, cafeteria, sports and recreational facilities to the extent possible.

Being a residential university, the students are required to reside in the Hostel. There are 14 namely R.S.R.P., Karpuri Thakur, Ambedkar, Bhagat Singh, C.V. Raman, Subhash Chandra Bosh Hostel, Tilak Hostel, Dr. A.P.J. Abdul Kalam Hostel, Satabdi Hostel, Rajendra Prasad (Old PG), Patel, International, Shekhar PG, Varuna PG Girls hostel are available in the campus with residing capacity of 1380 students. The college of Agri. Engg., dairy technology and fisheries science, have three boys and four girls' hostel with residing capacity of 500 boys' students and 150 girls' students respectively. College of Agriculture at LakhimpurKheri campus has boys hostel for 100 students and girl's hostel for 50 students.Cafeteria facilities are being provided to all the students. Permanent buildings have been provided for cafeteria at Kanpur. In every hostel at least one mess is running for the students in the given space.The functioning of the Hostels is governed by the hostel regulations. All the hostels are spacious and equipped with modern facilities. The hostel messes are running on cooperative basis and students are charged on flat rates from time to time. The students get their breakfast from the canteen. An International Students Hostel at Kanpur has also been constructed. Students admitted from the academic year 2015-16 and onwards subscribed for Group Health Insurance scheme on a compulsory basis. Bonafide students of all the eight colleges are covered under this tailor made group accidental insurance policy. Policy covers accidental insurance of students. If a student is admitted; the insurance company bears the whole expenditure.

The university have dispensary to provide primary medical treatment at different campus. Ambulance facility is also provided to students and staff for immediate shifting to specialty about hospital. For medical consultancy, 24 hrs services are available to the students. An ambulance is also available at Kanpur and Etawah campus to provide services in emergency.

In order to boost up the talent of the students, cultural programmes and sports facilities are provided to the students at each college for taking part at Campus/ Inter-Campus/ Inter-university/ Inter-zone/ National level cultural activities for their overall development. In lieu of student Associations, different clubs viz., fine arts, science, social service and literary are functioning at different colleges of the University. State Bank of India with ATM and IDBI Bank branches are operating at Kanpur Campus. The University campuses have residential accommodation for teachers, scientists and farm laboursand provides accommodation to 585 employees. Security, travel concessions, scholarships, aids & awards, anti-ragging, student's grievances celletc. Facilities are also available in the college of this university for students.

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

4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

Response: 28.69

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
1090.90	249.48	2448.56	1014.7	1085.91

File Description	Document
Upload audited utilization statements	[View Document](#)
Institutional data in prescribed format	[View Document](#)

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

Response:

The Library is one of the most important centers of the University, which facilitates the teaching, research and extension programmes. Both the faculty and students extensively use library facility. The University has given prominence to the development of the library facilities at the headquarters as well as at the constituent colleges. It has good collection of valuable and rare books, reference books, periodicals, thesis, subjective and competitive magazines, reports, bulletins, encyclopedias, maps gazetteers, dictionaries, agricultural statistical records etc.

The function of library is to enhance status of teaching research and extension through availability of latest literature. Library updates knowledge bank of readers. Central Library is fulfilling all the requirements needed for students' researchers and extension personnel of the university. It has well developed infrastructure with all essential sections i.e. circulation, technical, processing, periodicals, books and computer information centre etc. Library is also supported with ERNET connectivity. It has online facilities for search of literature available in the library. The modernization process of Central Library is in progress. Since the beginning, efforts have been made to meet the requirements of teaching, research and extension activities of the university and its collection has reached 62,995 volumes consisting of books,

theses and journals. All the books, Journals and theses have been automated with barcode facilities. All the 8 constituents colleges have the library consisting of books, journals, monograph with automated barcode facilities.

Efforts have been made to introduce modern systems of library management and service. Several journals have been subscribed in CD ROM version,which facilitated a tremendous improvement in the usage of the library for reference purposes especially by the research students and staff.Library linkage is one of the approaches that is being actively pursued to enhance the literature coverage for the leaders.

The library is well furnished with IT infrastructure automation software (SOFTGRANTH), computers, servers, printer, sound system, mike, LED T.V, digital camera, internet based computer system, photocopier for library users, Eye 4 scanner, automation and user services through computer etc. have been made available for better use of ICT in central library. The University has set up a centralized Computer lab and an Agricultural Knowledge Management Unit (AKMU) which facilitate internet access to all colleges at Kanpur campus. To maintain the punctuality of library staff the modern biometric system has been installed in central library. University library is kept open from 8.00 AM to 10.00 PM on all working days.

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

4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources

Response: C. Any 2 of the above

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

4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 5.18

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

2020-21	2019-20	2018-19	2017-18	2016-17
13	1.48	1.99	9.30923	0.13800

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 5.51

4.2.4.1 **Number of teachers and students using library per day over last one year**

Response: 131

File Description	Document
Details of library usage by teachers and students (Library accession register, online accession details to be provided as supporting documents)	View Document

4.3 IT Infrastructure

4.3.1 Percentage of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities. (Data for the latest completed academic year)

Response: 17.65

4.3.1.1 **Number of classrooms and seminar halls with ICT facilities**

Response: 21

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document
Paste link for additional information	View Document

4.3.2 Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

Response:

University IT policy exists to maintain, secure, and ensure legal and appropriate use of information technology infrastructure established by the University in all colleges. This policy establishes University-wide strategies and responsibilities for protecting the confidentiality, integrity, and availability of the information assets that are accessed, created, managed, and/or controlled by the university. Information

assets addressed by the policy include data, information systems, computers, network devices, intellectual property, as well as documents and verbally communicated information

Agricultural Research Information System (ARIS) Cell funded by ICAR was established in 1998 under the Administrative control of the Director Research as a central facility. In the year 2011 ICAR had rename the ARIS Cell to AKMU. The Cell is located in the new building of the College of Agriculture. Presently, Dr. AnandSwaroop Srivastava is the Officer-in-charge of the AKMU.

The Cell also provides facilities such as LAN/WiFi connectivity to various offices of the university and all departments in the college of agriculture, college of forestry, college of horticulture and college of home science. All faculty members of the university have been trained in various usages of computer software programme and applications viz: basics, windows, MS-Office, Networking, e-mail, internet, data analysis and project planning. The well-furnished AKMU Cell with up-to-date technology facilitates an improved teaching-learning experience, enhances teaching efficiency and assists in research amongst faculty members.

Major Objectives

- To put information close to the manager and scientist who use it.
- To build and improve the capacity to organize, store, retrieve and use the relevant information into the agricultural research by researchers and teachers by collecting, organizing and retrieving relevant information as per their needs.
- To develop regular procedures and mechanisms for other organizations to share information with our university.
- To improve the capacity of researcher to plan, monitor and evaluate research programmes in efficient manner.
- To provide capacity building on computers/IT support and internet security by organizing need based training programmes.
- To provide and maintain internet connectivity to all departments, teachers and students.

College of Agriculture, Home Science, Horticulture and Forestry situated at Kanpur campus and College of Ag. Engg., Dairy Technology and Fisheries at EtawahCampus, have net connectivity currently comprises JioFibre bases. Knowledge gateway, language, grammar check tools, access and computing facility have been developed.All colleges are well connected with LAN.All the department of all Colleges are well connected through Fibre /RF link / CAT-5 media. The internet connectivity is being provided in the college through 1Gbps NIC-NKN leased link.AKMU also provides facilities such as LAN/Wi-Fi connectivity to boys and girls hostel.

Video conferencing facility is available in Vice-Chancellor Committee Room.

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

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

Response: 8:1

4.3.4 Available bandwidth of internet connection in the Institution   (Leased line)

Response: B. 500 MBPS - 1 GBPS

File Description	Document
Upload any additional information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.3.5 Institution has the following Facilities for e-content development

1. **Media centre**
2. **Audio visual centre**
3. **Lecture Capturing System(LCS)**
4. **Mixing equipments and softwares for editing**

Response: B. 3 of the above

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document
Links of photographs	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

Response: 17.1

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

2020-21	2019-20	2018-19	2017-18	2016-17
1090.90	249.48	1532.5	156.78	793.29

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

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

Response:

University has created standard systems and procedures for maintaining the physical, academic and support facilities. There are duly constituted building committeeand purchase committeethat looks after the various aspects of the utilization and maintenance of the physical, academic and support facilities. There is a separate Engineering Office headed by the university engineer. The work of engineering officeis to look after the repair and maintenance of the University buildings on the basis of allocation of maintenance funds.

University budget is annually allocated for maintenance of the physical facilities. Separate complaint registers were maintained for various housekeeping services like electrical, plumbing, etc.Maintenance and repair of laboratory instruments are initiated by respective head of department as and when required. The purchase committee handles the repair/maintenance/calibration request appropriately by placing order to the respective equipment experts. Laboratory in charge and laboratory assistant ensures proper working of all equipment at the beginning of each semester as a precautionary measure. The classrooms, smart class rooms, laboratories, seminar halls, and library facilities are utilized regularly by the students and teachers for the learning process and time-tables / logbooks indicate the regular utilization of the respective facilities. University has fully automated its library with latest ICT facilities. The maintenance and housekeeping of the classrooms, laboratories, library, hostels and the University as a whole are taken care by external agency and attendants. The security of the University is maintained by external agency. University has adequate number of computers with internet connections and required software's distributed in different office, laboratories, library, departments etc.The maintenance of water coolers, Water purifier and air conditioners in the University is carried by external agencies through annual maintenance contract.

Anti-virus software is purchased and is renewed annually for the smooth working of all the computers in the institute at the departmental level. Minor maintenance of furniture items, minor electrical maintenance and metal fixtures is carried out by the Estate department of the University.The sports facility of the university is handled by a duly constituted Sports Council and these facilities are made available to all the students, teaching, non-teaching staff of the University

File Description	Document
Paste link for additional information	[View Document](#)

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) during the last five years (other than the students receiving scholarships under the government schemes for reserved categories).

Response: 11.53

5.1.1.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2020-21	2019-20	2018-19	2017-18	2016-17
266	244	244	256	242

File Description	Document
Upload self attested letter with the list of students sanctioned scholarship	[View Document]
Upload any additional information	[View Document]
Institutional data in prescribed format	[View Document]

5.1.2 Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.

Response: 18.72

5.1.2.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
790	1010	62	67	65

File Description	Document
Institutional data in prescribed format	[View Document]
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) 4. Awareness of trends in technology

Response: B. 3 of the above

File Description	Document
Institutional data in prescribed format	View Document
Link to Institutional website	View Document
Link for additional information	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: B. 3 of the above

File Description	Document
Details of student grievances including sexual harassment and ragging cases	View Document
Link for additional information	View Document

5.2 Student Progression

5.2.1 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 32.56

5.2.1.1 **Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations*, etc.*)) year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
28	38	79	91	65

5.2.1.2 **Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government**

examinations) year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
198	167	178	208	172

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

5.2.2 Average percentage of placement of outgoing students during the last five years

Response: 20.13

5.2.2.1 **Number of outgoing students placed year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
41	75	115	166	103

File Description	Document
Institutional data in prescribed format	[View Document]()
Link for additional information	[View Document]()

5.2.3 Percentage of student progression to higher education (previous graduating batch).

Response: 16.02

5.2.3.1 **Number of outgoing student progressing to higher education.**

Response: 99

File Description	Document
Institutional data in prescribed format	[View Document]()
Link for additional information	[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: 9

5.3.1.1 **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) year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
3	1	2	2	1

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters and certificates	View Document
Any additional information	View Document
Link for additional information	View Document

5.3.2 Presence of Student Council and its activities for institutional development and student welfare.

Response:

The students play a vital role in University/College/departmental activities such as organizing symposiums, seminars, conference, and workshops. The students actively involve themselves in events such as Convocation, Independence Day, Republic Day, YuvaMahotsava, Deepotsava, SamrastaKumbh, Run for Unity, SwacchataAbhiyan, ParyavarnPrakriti. University provides ample avenues for developing technical skills, updatingknowledge, personality development, career counselling and service to the society through various Associations and Societies.There is a faculty advisor to supervise the students in the smooth and effective functioning of the variousactivities.

Student council is as such not constituted so for though students representative are nominated for various committees related to student welfare hostel management, grievance redressal. The participation of the students is insured in social welfare activities and NSS programmes.

File Description	Document
Link for additional information	View Document

5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

Response: 3

5.3.3.1 Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
4	2	1	7	1

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for additional information	[View Document](#)

5.4 Alumni Engagement

5.4.1 The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

Response:

CSA Alumni association

The Alumni Association of C.S. Azad University of Agriculture and Technology, Kanpur constituted on September 6, 2006 with its 35 founder members. As per by laws, the Executive council was also constituted in the said meeting. The alumni Association was registered on 10-07-2007 with its registration No. K-37915/472/2007-08 under Societies Registration No. Act. 1860.

As per bye laws , every year meetings of the executive council and Annual General body were conducted during the year 2007, 2008,2009,2010, 2012, 2014, 2017, as per by laws, Sri Chaudhary Sammar Pal Singh, Ex. Minister U.P. Govt., Dr. P.N. Bajpai, Former HOD Horticulture, CSAUA&T, Kanpur and Dr. R.P. Singh, Ex. Vice Chancellor, MPUA&T, Udaipr, nominated as the Honorary member of the Alumni Association during the year 2007, 2008 and 2009 respectively. In 4th Annual General Body Meeting a brain storming session was conducted on Agri Urban Agriculture Scenario of Agriculture education in India and quality concerns for agricultural education. In 5th AGM National Symposium on Sustainable Agricultural for rural development was organized on December 11, 2010. Alumni Directory and National Conference on Farmers Centric Agri innovation for sustainable development was also organized on March 24-25, 2017.

At present Dr. Satyendra Kumar Singh, President, Prof. (Dr.) Vijay Kumar Yadav and Dr. Ram Sakal Singh , Vice President, Dr. Munish Kumar, General Secretary, Dr. Sanjay Kumar Singh, Joint Secretary, Dr. Shiv Charan, Prasad Kushwaha, Treasurer along with, Dr. Kaushal Kumar, Dr. Rakesh Kumar Singh, Dr. Naushad Khan, Dr. Vivek Kumar Tripathi, Dr. Prabhakar Singh and Dr. Shiv Kumar Kesari are the Council Member. As on 29-02-2020 there are 350 life members of the Alumni Association.

The goal of Alumni Association is to make sincere effort for and all round and holistic

development of the university, its students and members . Personality development programmes for students and placement of students are our prime focus. Interface with Alumni's are also organized.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

5.4.2 Alumni contribution during the last five years (INR in Lakhs)

Response: D. 5 Lakhs - 20 Lakhs

File Description	Document
Any additional information	View Document
Link for any additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance.

Response:

Chandra Shekhar Azad University of Agriculture & Technology, Kanpur is a premier Agriculture Institution serving the nation since 1893 came into existence in the present form in 1975 with following major mandates;

- Making provision for the education of rural people of Uttar Pradesh in different branches of agriculture, including rural industry and business and other allied subjects,
- Furthering the prosecution of research, particularly in agriculture and other allied sciences and;
- Undertaking field and extension programmes in its service area.
- Univeristy has prepared a document of Vision 2030 in addtion to Roadmap. The Vision, Mision and Goal are described as uder:

Vision:

The vision of the University is to strive ahead and to provide leadership in teaching, research and extension services in the field of agriculture and allied sciences. The University has identified several short-term and long-term goals in teaching, research and extension activities with a view to realize the mission statement and developed more than 291 high yielding varieties in cereals, oilseeds, pulses, vegetables and other important crops. The University is guided by a Board of Management, which is a policy making body and is responsible for the management of the University. The Board of studies advice the Board of Management through Academic Council on different academic matters. Similarly, the Research Advisory Committee and Extension Advisory Committee advise the Board on research and extension activities, respectively.

- Making provision for the education of rural people of Uttar Pradesh in different branches of agriculture and allied sector including rural industry and agri-business and other allied subjects.
- Furthering the prosecution of research, particularly in agriculture and other allied sciences and.
- Undertaking field and extension programmes in its service area.

Mision

- Improving the competitiveness of agriculture by developing quality human resource competency, enhancing productivity, profitability and maintaining the sustainability of production system through efficient use of resources, technology transfer and catalyzing innovation across agriculture in order to ensure food and nutritional security and rural prosperity.

Goal:

- To develop competent human resource, develop and evaluate technologies through basic, strategic,

applied and adaptive researches to accelerate pace of production, income and rural employment and minimizing the production losses in agriculture and allied sector through multidisciplinary team approach, national and international collaboration without any adverse impact on the national resources and environment.

File Description	Document
Link for additional information	View Document

6.1.2 The effective leadership is reflected in various institutional practices such as decentralization and participative management.

Response:

Chandra Shekhar Azad University of Agriculture & Technology, Kanpur works in well defined manner to ensure decentralization and participative management at various levels. University is governed by The Uttar Pradesh Krishi Evam Prodyogik Vishwavidyalaya Adhiniyam 1958 by following executive bodies

1. The Chancellor
2. The Board of Management
3. The Academic Council
4. The Finance Committee
5. The Board of Faculties
6. The Research Council
7. The Extension Council

The Act and Statutes of the University has provision to create authorities to make recommendations on academic, administrative and financial as well as activities pertaining to students' welfare to take decision by Board of Management. The decisions in respect of academic activities of the University pass through three stages. At the grassroots level, Board of Studies of respective faculties make regulations regarding admission of students to the various courses of study and methods of evaluating the progress in respective disciplines. The Board of Studies recommends to the Academic Council that degree be conferred on students who have met satisfactorily the degree requirements of the faculty and the University. The recommendations of Board of Studies are placed before Academic Council prior to implementation. Besides, the Academic Council is also empowered to take independent decisions on academic matters and translate into action. Finally, the Board of Management considers the recommendations made by Board of Studies and Academic Council and gives its assent. Similarly, Research Advisory Committee and Extension Advisory Committee make recommendations on all matters pertaining to research and extension activities to be carried out by the University. Under state non-plan schemes, a multi-tiered arrangement, Zonal Extension Research Advisory Council (ZERAC) involving the zonal stations, extension specialists and departments of the University, other research institutions of the zone, line departments and farmers representative provide operational frame work for formulating relevant research agenda. Students are also actively involved in decision making in various co-curricular activities of the University like hostel management committee, hostel supervisory committee, sports and cultural committee, mess management committee.

The Students' Welfare Committee meet at least once in a semester to review the various student programmes in different colleges of the University. Student meets are organized periodically by the respective Deans to discuss the students' problems/ suggestions and to find out possible solutions. The personnel, financial and administrative management of the University is carried out under the leadership of Vice Chancellor. The Administrative Officers of the University provide necessary support to the Vice Chancellor to take decisions regarding service matters of both faculty and supporting staff. Various other committees are constituted to provide suggestions/ guidelines for taking appropriate decisions pertaining to service matters e.g., a committee to look into personal grievances of staff and demands put-forth by various staff associations, a committee to look into the filling up of vacant positions in respect of teaching and non-teaching staff, house allotment committee, screening committee etc., Similarly, the necessary support to carryout financial administration is provided by Comptroller of the University. The Finance Committee and Works Committee make necessary recommendations on annual budget estimates and campus development to the Board.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic plan is effectively deployed.

Response:

C S Azad University of Agriculture and Technology, Kanpur has initiated a strategic plan of "Bio fortified Village" concept for Mal-nutrition free Kanpur with the slogan of 'Saving lives, changing lives'. Under this concept, village was selected in district Kanpur Dehat for transforming as Biofortified Village to alleviate problem of mal nutrition and hidden hunger in economic feasible and as a permanent option. This concept is primarily identified and addresses the issues related to mal nutrition, and enable with bio fortified variety of cereals, pulses, vegetables, fruits, medicinal and indigenous plants rich in source of vitamins, minerals and calories to all inhabitant in sustainable and eco friendly manner with technological interventions for practices & value addition. It is a feasible and very cost-effective means of delivering micronutrients to the masses that may have limited access to diverse diets and other micronutrient interventions. The basic goal of bio fortification is to reduce mortality and morbidity rates related to micronutrient malnutrition and to increase food security, productivity, and the quality of life for poor populations in country.

Strategic work on Data generation and documentation of ITKs, capacity building Programm for establishment of bio fortification of village, procurement and supply of bio fortified and high nutritional valued indigenous crops, establishment of local Gene bank, Integration of government schemes and facilities and Analysis of impact factor were carried out at priority.

All approaches are executed to convert " Bio fortified Village" in mission mode by the university team under the leadership of Hon'ble Vice Chancellor. Training programmes on various holistic approaches for

women empowerment, health care, rural entrepreneurs, implementation of various government schemes and policy at this village started with the help of university and KVK scientists. Micronutrient-rich grains such as millets as well as other nutritious foods such as soyabeans, foxtail millet, sweet potato, carrot, amaranthus, chia, pomegranate, mulberry, apple ber, karonda, phalsa, moringa, Curry patta etc are continue supply to the farmers for planting in their nutri garden. Seeds of Bio fortified Wheat variety K-1006 distributed in every household.

Besides, bio-fortification, 65 female of this village trained for health awareness, 42 for handicraft, 62 for spice related trepreneurs,54 for clay pottery, 65 for empowement,118 for poultry farming. University has developed Women study centre at this village. Moreover, emphasis is given to convert this village as *Atma Nirbhar Gawn.*

File Description	Document
Strategic Plan and deployment documents on the website	[View Document](#)

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.

Response:

The highest policy making body of the University is the Board of Management with Vice Chancellor as its Chairman, ex-officio members are the secretaries of the government departments of Finance, Agriculture, Animal Husbandry and Higher Education and nine nominated members representing diverse field agricultural education, progressive farmers, agricultural graduates, the ICAR nominee and social workers. The Academic Council, Board of Studies, Finance Committee, Research Advisory Committee and Extension Advisory Committee advise the Board on academic and administrative matters.

The Vice-Chancellor is Principal Executive and Academic Head of the University and Ex-officio Chairman of Board of Management and Academic Council. Board of Management and Academic Council are the apex bodies, which takes decisions on administrative, financial and academic matters, respectively. The authorities like Academic Council, Board of Studies, Finance Committee, Research Advisory Committee, Extension Advisory Committee, Sports and Cultural Committees and various Boards Sub-Committees etc. provide necessary recommendations/ suggestions to facilitate the Board of Management to take appropriate decisions. The decisions taken by these two apex bodies are translated into action by respective functional heads. Matters pertaining to finance and budgetary aspects are channeled through Comptroller whereas those concerned with general administration are dealt through Director, Administration & Monitoring. Dean coordinates the academic activities of the University and the constituent colleges. Board of Management also appoints Heads in different Departments who make recommendations to the concerned Dean on academic fronts and hold meetings of the departmental staff for discussing matters relating to budget, development of curriculum and curricular changes.

The academic regulations pertaining to student's admission and award of degrees are being looked after by Registrar of the University. The actions to be initiated in research and extension activities of the University are executed through Director of Research and Director of Extension, respectively. The

students' co-curricular activities are monitored through Dean Students' Welfare. Director Placement arranges the job to alumni of different faculties besides their career counselling. The activities pertaining to construction of buildings, maintenance of buildings and other physical facilities are monitored through University Engineer.

The administrative, technical and non-teaching staff is classified in Group A, B, C and D. Appointing Authority for the posts in Group 'A' is the BOM and for Group 'B', Group 'C' and Group 'D' is the Vice-Chancellor.

After proper permission by state government, it's advertised in three national daily news paper and website of the university. After interview the selection committee submits the list of selected candidates in a confidential manner for final approval and issue order to selected candidate. The recruitment for group 'C' category is through direct recruitment are on the basis of promotion based on the recommendations of the committee for appointment for the purpose. The vacant post of group 'D' is filled up through the regularization of Same-Work-Same-Pay employee of the university.

File Description	Document
Any additional information	View Document
Link to Organogram of the University webpage	View Document
Link for Additional Information	View Document

6.2.3 Institution Implements e-governance covering following areas of operation

1. **Administration**
2. **Finance and Accounts**
3. **Student Admission and Support**
4. **Examination**

Response: D. 1 of the above

File Description	Document
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View Document
Any additional information	View Document
Link for additional information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff .

Response:

University is adopting comprehensive curriculum monitoring mechanism which includes teachers' self-reflection, surveys on teaching effectiveness, lesson observation, assignment inspection, examination papers review, appraisal system, and curriculum evaluation. Comprehensive curriculum monitoring is usually done through the meetings of the Board of Faculty and Academic Council. Surveys on teaching effectiveness, lesson observation, and assignment inspections are being done periodically by the concerned Deans and Head of the Departments whereas examination papers review, appraisal system, and curriculum evaluation are also done by Registrar, Director Administration and Monitoring and Deans, respectively. Annual appraisal system is a regular feature being adopted in our university with a purpose to evaluate employee's skill, achievements and over all contribution to the organization. Annual performance appraisal is seen as an opportunity to provide feedback on areas for improvement and address behavioral problems, if any.

All faculty members have the opportunity of their personnel promotion under Promotion under Carrier Advancement Scheme (CAS). Under this process, first of all bio-data is called from the eligible candidates under the CAS scheme. Screening Committee is constituted for the screening of the submitted bio-data and after that a panel of distinguished scientist/academician is submitted to Hon'ble Chancellor for his kind approval as a member of selection committee. After interview the selection committee submits the list of selected candidates in a confidential manner, which is placed for approval to the Board of Management and order is issued to concerned faculty.

File Description	Document
Any additional information	[View Document](#)

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

Response: 0

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**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years (Data Template)	[View Document](#)
Link for Additional Information	[View Document](#)

Other Upload Files	
1	[View Document](#)

6.3.3 Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.

Response: 14.8

6.3.3.1 **Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
37	20	15	1	1

File Description	Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 9.89

6.3.4.1 **Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
33	35	23	15	20

File Description	Document
IQAC report summary	[View Document](#)
Details of teachers attending professional development Programmes during the last five years (Data Template)	[View Document](#)
Link for Additional Information	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

The University is poised to accomplish its mark at national scenario by providing requisite funds and optimal use of resources. Since it is State Agricultural University, the main sources of funds are student fees, farm income and Grant in aid from State Government as per budgetary allocations. However for meeting the upcoming requirements for teaching, research and extension activities, the University also mobilizes its resources through: Education division of ICAR provided funds under Development Grant, RAWE, Library Strengthening, various scholarship, budget received from ICAR for KVKs and AICRPs, Adhoc research project , funds generated through consultancy and efficacy testing etc.

The University fosters the development of research in the diverse area of agricultural sciences, technology and management, to develop human resources. The Alumni also provide financial and non-financial support for various activities in the University. Apart from the above funds are also mobilized through Fee collected by conduct of various training programmes, conferences, workshops etc. Funds generated through use of the University Auditorium, guest house, community hall and the playground by the corporate houses and external agencies. The University also mobilizes its resources from funds generated from self-financing courses run by the University. Funds received from State government are spent on payment of salary of teaching and non-teaching staff of non plan, and fund received from ICAR spent on payment of salary for AICRP 75 % and KVKs 100% and other activities. Budget is prepared keeping in mind developmental criteria of the University; accordingly provisions are made in the budget, which is prepared by a team of experts under supervision of Comptroller of the University and then approved by Finance sub Committee and BOM before the fund is sanctioned. It is then deployed on different Heads of Expenditures in accordance with approval. Grants received from ICAR are earmarked for various activities including academic development, maintenance of building and faculty houses and infrastructure development. Concerned Dean, Directors, Head of departments/ Section, offices of the University usually take care of utilization of ICAR and State grant which are spent on financial year or scheduled time as per the guidelines of Grant and/or University purchase rules.

 All the expenditures of contingent nature are done following due procedure of approval from competent authority. Optimum utilization of funds is ensured through allocated of adequate fund for effective research , extension teaching-learning practices that include· induction and orientation Programs, workshops, inter-disciplinary activities, training programs, Refresher Courses, Faculty Development Programs, Conferences, Industry student READY that ensure quality education. Optimum funds are

utilized for development and maintenance of infrastructure of the University: The requirements of the various departments are submitted to the central purchase committee after getting approval from the competent authority. 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. Centre of Excellence are being setup in vegetables and wheat to promote research facilities in the university.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.4.2 Funds / Grants received from government bodies during the last five years for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs).

Response: 3887.87

6.4.2.1 *Total Funds / Grants received from government bodies for development and maintenance of infrastructure (not covered under Criteria III and V) year wise during the last five years (INR in Lakhs).*

2020-21	2019-20	2018-19	2017-18	2016-17
1090.9	249.48	1433.48	81.3	1032.71

File Description	Document
Details of Funds / Grants received from government bodies during the last five years (Data Template)	[View Document](#)
Annual statements of accounts	[View Document](#)

6.4.3 Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)

Response: 329.31

6.4.3.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
68.00	38.25	68.89	55.42	98.75

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

6.4.4 Institution conducts internal and external financial audits regularly

Response:

University has the proper system of finance mobilization and sanction from competent authority for purchasing, maintenance and constructions of infra structure. The accounts of the University and its annual budget estimates and to advise the Board of Management are suggested by Finance subcommittee. It review the financial position of the University from time to time, and made recommendations to the Board of Management on the new or revised proposals involving expenditure. Audit cell at university is already working to all accounts receipts and expenditures as per government account rules and guidelines. During financial year 2015-16 total 89 audit objections raised by auditor and at objections has been settled except 13, in year 2016-17 total 112 objections were reported by audit team and all objections were removed except 03, during year 2017-18, 83 objections raised by auditors and has been adjusted accordingly. In year 2018-19 a total 111 audit objections identified all properly adjusted, During year 2019-20 and 2020-21 there was no audit objection. it is more remarkable, it indicate that university take utmost care in accounting.

File Description	Document
Any additional information	[View Document](#)

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) 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.

Response:

This University established the Internal Quality Assurance Cell (IQAC) on 30.09.2019 to institutionalize the process of quality enhancement and sustenance in all the key areas of its delivery. The IQAC is comprised by 16 members including by Hon'be Vice Chancellor as chairman. It is the nodal agency entrusted with the responsibility of ensuring total quality management by ushering in innovations leading to achieving excellence and adoption of intervention strategies for monitoring their successful implementation. The key function of IQAC to disseminating agro technologies and educational innovations

and excellence in the field of agriculture and allied sectors; set quality benchmarks and evolve mechanisms for monitoring and ensuring performance; ensure in-service continuing education and training of all the faculties and administrative staff for enriching their skill, intellectual capital and professional competence; collaborate with other academic institutions and agencies locally and globally for improvement of quality and brand image of the university.

This university has developed its own internal quality assurance mechanism which shall be coherent with quality assurance framework set forth in policy and approved by IQAC, to evaluate the quality of teaching programmes, teaching and learning experience, student assessment, internal moderation, support services, sources and facilities and research and programme review processes. Besides this, in order to ensure high quality standard is maintained in the university, periodic assessment was performed by ICAR-NAEAB, New Delhi or any other agency suggested by the State Government from time to time.

Proceeding of the all the four meetings held in a year has been uploaded on the university website. Right from the beginning IQAC has been committed to improve teaching and learning qualities of the undergraduate and post graduate students. It has been suggested by the IQAC to promote interactive session, organization of quiz competitions and presentation by each students in Masters and Ph.D. classes. Besides these, IQAC has also formulated and developed proforma for getting the feedback from students, teachers, employers and alumni. These two intervention of the IQAC is yielding positive results.

Proceeding of 1st IQAC meeting reflected that Dean, Agriculture, Kanpur focused on establishment of smart classroom and teaching and learning tools for ensuring quality education. Director, Extension emphasized the need and constitution of local management committee to improve the quality of extension education and focusing on agenda for vocal the local. Deans' Students Welfare advances the existing sports facilities in the university for all-round development of student personality and fitness. Dean, Home Science committed to quality of education in home science with the support of core and newly selected four guest faculties. Member Secretary, IQAC emphasized the need for regular and formative assessment replacing the summative assessment. This new assessment system is more competencies based and will enhance the students' development and learning skill. The main aim is to increase the analytical, critical and conceptual thinking of the students.

6.5.2 Institution has adopted the following for Quality assurance 1. Academic Administrative Audit (AAA) and follow up action taken 2.Confernces, 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 6.Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA).

Response: C. 3 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	[View Document](#)
Upload details of Quality assurance initiatives of the institution (Data Template)	[View Document](#)
Any additional information	[View Document](#)

Paste web link of Annual reports of University	[View Document](#)	
Link for Additional Information	[View Document](#)	

6.5.3 Incremental improvements made for the preceding five years with regard to quality (in case of first cycle), Post accreditation quality initiatives (second and subsequent cycles).

Response:

C.S. Azad University of Agriculture and Technology is going to submit its 1st NAAC Report for the accreditation and assessment of the university. As per the revised accreditation frame work (RAF), the NAAC accreditated institutions are required to submit Annual Quality Assurance Report (AQAR) online after one year from the date of accreditation every year.

University has already been accredited up to March 2020 (2nd Cycle) by ICAR-National Agricultural Education Accreditation Board and applied for 3rd Cycle to ICAR, New Delhi.

However, incremental improvement made during the last five year is enumerated below:

- 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 has been adopted
- Initiatives have been taken for Green campus.
- Solar electrification campus has been done resulting low carbon emission.
- Online Proforma for Faculty Appointments & Screening
- Online admission process has been adopted.
- Research Profiles of Faculty uploaded on university website.
- Technology Enabled Classrooms, Online Learning Platforms in use.
- ICT enabled video conferencing room made functional

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

In India, there are distinct male and female roles in the rural economy. Women and girls engage in a number of agro-oriented activities ranging from seedbed preparation, weeding, and horticulture and fruit cultivation to a series of post-harvest crop processing activities like cleaning and drying vegetable, fruits and nuts for domestic use and for market. A disproportionate number of those dependent on land are women: 58% of all male workers and 78% of all female workers, and 86% of all rural female workers are in agriculture. Female headed households range from 20% to 35% of rural households (widows, deserted women as well as women who manage farming when their men migrate). Although the time devoted by both women and men in agricultural activities may, in several communities and agricultural situations, be taken to be almost equal, women are dominant within the domestic tasks. Rural Indian women are extensively involved in agricultural activities, but the nature and extent of their involvement differs with variations in agro-production systems. All of the above information reaffirms that women make essential contributions to agriculture and rural enterprises. But there is much diversity in women's roles and over-generalization undermines policy relevance and planning. The context is important and policies must be based on sound data and gender analysis.

File Description	Document
Specific facilities provided for women in terms of: a.Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	View Document
Annual gender sensitization action plan	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

Response: C. 2 of the above

File Description	Document
Geotagged Photographs	[View Document](#)
Any other relevant information	[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 CSAUAT, Kanpur has facilities for the management of the following types of degradable and non-degradable waste. Biodegradable wastes are used to produce energy manure, and compost of college farms.

Most of the inorganic wastes that can be recycled.

• Solid waste management

• Liquid waste management

• E-waste management

Several awareness drives has created environmental consciousness among all the stakeholders. The routine activities in the campus are generally environmental friendly with least impact on the environment. University is very much aware of producing less waste and recycling it by passing it through a system that enables the used material to be reused ensuring that less natural resources are consumed. In this direction, the University has taken significant initiatives for waste management. The dustbins are kept at strategic locations and various departments have Biodegradable and Non-Biodegradable components are identified and sorted out in bins of different colors. Biodegradable components collected from Canteen and Hostels are used for composting which are used for the plants grown in the university campus. University also has Swachata-Abhiyaan Committee, which also supplements in maintaining cleanliness. University administration has adopted due procedures to dispose obsolete and unusable items, preventing accumulation of junk and allowing optimum utilization of space. To minimize use of paper, technology assisted ways of writing and sharing are promoted. Burning of leaves, vegetable waste and general waste is totally banned within the Campus to maintain carbon neutrality. These wastes are buried in pits and composting is undertaken. The same is then used as fertilizer in the gardens / lawns.

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File Description	Document
Geotagged 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 all of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document

7.1.5 Green campus initiatives include:

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**
3. **Pedestrian Friendly pathways**
4. **Ban on use of Plastic**
5. **landscaping with trees and plants**

Response: Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

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

Response: C. 2 of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	[View Document](#)
Certificates of the awards received	[View Document](#)

7.1.7 The Institution has disabled-friendly, barrier free environment

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

Response: E. None of the above

File Description	Document
Geotagged photographs / videos of the facilities	[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 other diversities (within 500 words).

Response:

The mission of our university is improving the competitiveness of agriculture by developing quality human resource competency, enhancing productivity, profitability and maintaining the sustainability of production system through efficient use of resources, technology transfer, and catalyzing innovation across the agriculture in order to ensure food and nutritional security and rural prosperity.

To Build the society and the nation university has organized and conducted several activities to build and promote an environment for ethical, cultural and spiritual values among the students, faculty and staff. To develop the emotional and religiuos harmony among the student and the, commemorative days are celebrated on the campus with the initiative and support of the management for not only recreation and amusement but also to generate the feeling of oneness and social harmony. The university administration used to organized functions on the birth day of the important social reformer, Mahatma Gandhi, Lal Bahdur Shastri, Subhas Chandra Bose, Jawahar Lal Nehru, Sardar Vallabh Bhai Patel to inculcate moral values and develop leadership among the students and staff. The university and its faculty and staff jointly celebrate the cultural and regional festivals, like New year's Day, Fresher Day, Teachers Day, Orientation and Farewell Programme, Induction programme , Rally Oath, Plantation, Youth Day, Women's Day, Yoga day, Festivals like Dewali Mela Celebration, Holi Milan celebration etc. are performed in the campus. Motivational lectures of eminent persons of the field are arranged for all-round development of the

students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national integration. Besides academic and cultural activities, we have also developed strong infrastructures for a variety of sports activities for the physical development of the students. In this way the institute has been pioneer in providing and inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socio-economic and other diversities. The students, faculty and staff are contributing collectively to develop an eco-friendly sustainable environment and disseminate the concept of tolerance and harmony towards the regional, linguistic, communal diversities among the societies.

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

Chandra Shekhar Azad University of Agriculture & Technology **undertake a different initiatives to organize several activities for sensitizing students and employees to the constitutional obligations. All the Deans particularly** Dean Student Welfares' continuously involved in sensitization of students and employees of the University to the constitutional obligations: values, rights, duties and responsibilities of citizens through the National Service Scheme, National Cadet Corps, a team of Cultural Councilors, and hostel wardens

Several programmes organized for achieving these goals is given below:

- **C.S. Azad University of Agriculture & Technology**, Kanpur is committed to gender equality which is evident by the programmes it has undertaken in the past few years.
- International Fortnight of Stop Violence against Women Nov. 25 to Dec. 10, 2016 is observed as the International Fortnight of Stop Violence against women. In collaboration with reputed NGOs- Parivartan, a poster exhibition & street plays were organized.
- Independence Day (August 15 of every year): Theme "Women Hold Half the Sky". Growing violence against women has been a matter of serious concern. NSS unit held a poster exhibition depicting different forms of discrimination against women, gender stereotypes and dimensions of violence against women.
- Participation in "One Billion Rising" (February 14, 2017): This was a global event organized to protest against the growing violence against women. In Kanpur, the theme was Gender Equity making public spaces safer for women. Our students participated in this event.
- World Human Rights Day – Women's Human Rights (December 10, 2015): NSS coordinator unit celebrated this day by having a quiz on women's human rights, poster exhibition, group discussion on 'right to the city'.
- Combating Sex-Selective Abortion/ Female Feticide (July 13, 2017): The Dean Student Welfare of the University of CSAUAT, Kanpur had directed all the colleges to take steps in sensitizing the

students about the issue of female feticide. NSS unit organized events like essay writing, poetry, collages and posters making, group discussions.

- Women's Safety Audit on CSAUAT Campus (December 2018): This was undertaken to make the campus safer for women as a part of NSS Campaign
- National Voter's day: It was celebrated on Jan. 25 every year to encourage, facilitate and maximize enrichment especially for the new voters. On that day each and every staff take place to uphold the democratic traditions of our country and the dignity of a free, fair and peaceful election.
- **Provided Link: https://csauk.ac.in/wp-content/uploads/2021/10/National-Voter-Day.pdf**

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

Response: B. 3 of the above

File Description	Document
Any other relevant information	[View Document](#)

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

Campaigns and Significant Days

International Fortnight of Stop Violence against Women Nov.25 to Dec.10, 2016 is observed as the International Fortnight of Stop Violence against women. In collaboration with reputed NGOs-Parivartan, a poster exhibition & street play were organized.

Independence Day (August 15 of every year): Theme "Women Hold Half the Sky". Growing violence against women has been a matter of serious concern. NSS unit held a poster exhibition depicting different forms of discrimination against women, gender stereotypes and dimensions of violence against women. Film screening of "Bol" on domestic violence, street play –*ansuniawaaz*on issue offemalefoeticide was performed.

Participation in "One Billion Rising" (February 14, 2017): This was a global event organized to protest against the growing violence against women. In Kanpur, the theme was *Gender Equity* making public spaces safer for women. Our students participated in this.

World Human Rights Day – Women's Human Rights (December 10, 2015): NSS coordinator unit celebrated this day by having a quiz on women's human rights, poster exhibition, group discussion on 'right to the city'.

Campaign Combating Sex Selective Abortion/ Female Foeticide (July 13, 2017)**:** The Dean Student Welfare of University of CSAUAT, Kanpur had directed all the colleges to take steps in sensitizing the students about the issue of female foeticide. NSS unit organized events like essay writing, poetry, collages and posters making, group discussions.

Women's Safety Audit on CSAUAT Campus: (December 2018) This was undertaken to make the campus safer for women as a part of NSS Campaign

Campaign Men against Gender Violence: An awareness rally, distribution of pamphlets and posters on prominent places were put up as a part of NSS Campaign. (3&4 January, 2017)

File Description	Document
Geotagged photographs of some of the events	[View Document](#)

7.2 Best Practices

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

Response:

Title of the Practice : Farmers Participatory seed Production of field crops

Objectives of the Practice

1. Stepping up from conventional agriculture to agribusiness by developing entrepreneurial skills in quality seed production.
2. Developing a community of well-trained farmers and agri- graduates who have hand on experience in best practices of quality seed production.
3. Bridging the gaps between demand and supply of seed of newly released high yielding varieties, thus, improving SRR & VRR.
4. To increases the production and productivity by 25-30% by making available quality seed in affordable price ,right time and right place
5. To generate employment opportunity of agri- graduates and rural youth at village levels
6. To enhance socio-economic status of farmers

The Context

The major field crops of the area of implementationof this programme is wheat, chickpea, green gram, mustard and vegetables .There is also considerable crops coverage under other field crops. The seed replacement rate(SRR) &varietal replacement of these crops arenot up to the mark .There is urgent need to increases SRR for areaspecific recently released high yielding varieties. The low replacement rates reflect the use of sub standard seed by the farmers areless aware regarding advantage of quality seeds in agriculture production system. There is shortage of certified seeds of desirable crops / varieties.The cost of seed of certain varieties are very high. Particularly for wheat varieties is 32 to 38/ kg. Here, traders enjoy the maximum profit, due to scarcity of quality seed.

To boost the productivity of low value, high volume crops, farmers need to have access to improved seed of right type at right time at right place and at right price. For supply of such seed the informal seed sector (participatory mode of production) and formal seed system (Seed Enterprises) have a great role to play. The informal seed sector is found to be effective to quickly reaching out to the difficult, inaccessible and small holders.

The Practice

For implementation of seed production under farmers' participatory mode, farmers with high potential of production were selected from 5-6 different districts (Kanpur city, Kanpur Dehat, Kannuaj, Fatehpur, Jalaun and Jhansi) of university area jurisdiction. For capacity building on seed production about the latest technologies, three thousands farmers were trained both off and on site. Among them, 10 to 48 farmers were selected for this programme were further trained by the scientist for all aspects of seed production technology (pre sowing, pre flowering & before harvesting) of the particular crops with supply of reference materials over the years (2010-11 to 2019-20). Under this programme Breeder Seed and Foundation Seed of different crops/varieties are made available to the farmers by the university. The uniqueness of this programme is the regular visit of the scientists to selected villages, the problem faced by the farmers in crop production of other crops are also addressed.

Seed quality assurance is utmost priority in this system. Thus, the seed production fields are regularly inspected by trained farmers, scientists from the university and UP Seed Certification Agency to ascertain the recommended field and seed standard as per the specification of Indian minimum seed certification standard, 1971 and revised Indian minimum seed certification standard, 1988. Produced seeds are procured by university for further processing at university seed processing plant (BeejBhawan).

C.S.A.U & T. Kanpur is responsible for the all aspects of seed production, processing and storage as well as for seed quality assurance. They will also market the produced seeds, both to other farmers in the community and beyond by adopting the established seed sell system through ATIC of the university. The payment to the farmers associated with this programme is made twice, first payment is done ontheirintake quantity before processing, based on MSP of the concerning crop of the current year by RTGS in their respectivebank account. Second payment is done after processing, on quantity of the processed seed, based on rate of Uttar Pradesh BeejVikas Nigam Ltd. The quantity of undersized seeds is returned to the farmers.

Evidence of Success

(a.) Quantum of seed production since its inception: Since inception, under this programme, seed production is given bellow.

Quality seed production since inception

Year	Crops	No. of Districts	No. of Farmers	Area (h.)	Class	Production (Q.)
2015-16	Wheat, Moong	4	33	76.00	FS	1931.80
2016-17	Wheat, Moong	4	37	80.00	FS	2150.22
2017-18	Wheat, Urd, Moong	3	22	46.00	FS	1229.00
2018-19	Wheat	4	20	52.00	FS	1761.60
2019-20	Wheat	4	20	51.00	FS	1145.00

(b) Socio-economic implications

1. This programme ensured the availability of seeds of desirable varieties at appropriate time and affordable cost.
2. This programme helped in enhancing the Seed Replacement Rate (SRR). Which is, one of the major objectives for improvement of crop productivity.
3. Helped in accessibility of high yielding recently released varieties.
4. This has been a win –win partnership for university and farmers where university has earned profit Rs. more than 1.20 crore and farmers have got an additional income of 30.49 %.

Economics of programme:

Problems Encountered and Resources Required

1. Operational and supply chain issues at the time of procurement and seed processing.
2. Lack of skilled man power which is much required for smoothly and effectively running the programme through the year.
3. Provision of subsidy on seed production as per state government rules.

Notes

This programme has generated employment opportunities for rural youth, farmers, Seed growers, farm women as seed production entrepreneurs, which include transplanting, harvesting, thrashing, drying and winnowing. Next steps of seed production include seed storage, bagging, transporting and finally marketing. A hues no. of farm workers and farm women and rural youth are being employed. Thus this programme helps in decreasing the rural unemployment pressure.

2. **Title of the Practice: Bio-fortified Village Conceptfor overcome of mal-nutrition**

Objectives of the Practice

1. To ensure availability of all essential components of nutritious food independently in the village from sustainable and economically viable and consumer oriented priority based agricultural sources.
2. To conduct capacity building programs forcultivation of high value bio-fortified crops and nutri-kitchen garden.
3. To conduct capacity building programs for adoption of climate smart agro-technologies & environmental protection measures.
4. To Produce seeds of nutrient rich crops for each household for their own use as well as to spread it in other villages.
5. To give information about proper diet for defense to fight against epidemics and other diseases.
6. To provide training to the farm women regarding employment oriented programs.
7. To promote organic produce rich in nutrient for marketing.

The Context

Malnutrition can be defined as the insufficient availability of essential energy and nutrients to lead a physically active and healthy life. The World Health Organization believes that poor nutrition is the most important threat to the health of the world. The mal-nurtured child was more vulnerable to infectious diseases because their immune system is weak leading to high mortality rates. Most of the population in rural are suffering from mal-nutrition because their economic status. They do not have money to buy nutritious foods from the market, even buying milk and vegetables is very difficult in such situation. The results of health schemes and programs run by the Governments for the eradication of mal-nutrition are positive, but more efforts are needed.

Chandra Shekhar Azad University of Agriculture & Technology, Kanpur, Uttar Pradesh has tried to provide another way to eradicate mal-nutrition by establishing **Bio-fortified Village** with the concept of **Sankalp Se Siddhi**. Bio-fortified village is a sustainable based and effective solution for eradicating malnutrition. Effective steps have been taken in the direction by ensuring the availability of nutrients rich grains, vegetables and fruits by encouraging the farmers to grow nutria-horti-crops.

The Practice

Chandra Shekhar Azad University of Agriculture and Technology Kanpur, adopted Anuppur village district Kanpur Dehat which was suffering from malnutrition. Demographic pattern of village Anuppur reflect that there is 163 farm families having 906 census which includes 338 male, 322 female and 246 children. 15 farm families belongs to schedule cast with population of 94.Total literacy percentage is 76. Female literacy percent is 73 whereas male literacy is 79%.Out of 246 children 28 children is suffering from malnutrition and 10 females are found anemic.

Total geographical area of village is 102 ha out of which 91 ha is cultivated. The crop coverage Kharif, Rabi & Zaid is about 91, 81 and 30 ha respectively. Paddy, Maize and vegetable crops are major crops of Kharif whereas, wheat, gram, potato, mustard and vegetable are being cultivated in Rabi season. Maize, Moong and Urd are major crops of Zaid season. Total livestock population includes 210- buffaloes, 60 Cow, 290 Goat and 410 sheeps. Average size of holding is 0.55 ha per family. Livelihood of 59 % farm families are depend upon crop production and animal husbandry. Following programmes have been conducted;

- Under the Vocal for Local concept, naturally abundant nutrient crops like drumstick, lemon, curry

leaves, karaund, phalsa, papaya, small millets, nutri-rich wheat, maize, millets, and vegetables varieties were demonstrated at farmers' fields.

- Establishment of PoshanVatika on vacant land around the houses of the families of the village were ensured.
- Capacity building programs for cultivation of nutri-rich crops, high value crops, mushroom cultivation, Honey production etc were organized.
- Capacity building programmes for creating awareness for adoption of a balanced and nutritious diet model were organized.
- Capacity building programs for employment oriented programs in allied sectors of agriculture *viz;* Dalia, Noodles, Papad making, Achar, Murabba, Gem, Jelly etc value added products preparation were organized.
- Awareness on climate smart agricultural technologies and environmental protection were created.
- Capacity building programmes on dairy, goat keeping, poultry etc were organized.
- Seed production programmes for bio-fortified variety of the University were conducted by providing 5.0 kg seed of wheat varieties.
- Mushroom spawn were provided on cost basis to the farmers for mushroom cultivation.
- Tailoring & knitting training programmes were organized.
- Awareness on house cleaning & sanitization were created.
- Organic farming were promoted and organic produced were link with market.
- Health & sanitization awareness programmes were organized.
- Vaccination against various epidemic were conducted with help of District Heath Departments.
- Civil amenities were created with help of district line departments.

Evidence of Success:

Anuppur: First Bio-fortified village of India

Process Followed for the eradication of Malnutrition
Diagnosis of problem: Door to door ground survey was conducted by the scientists of KVK, Kanpur Dehat in May-June,2020. 5 children were Severely Malnourished (BMI<16), 23 children Malnourished (BMI<18.5) and 10 women were Anemic.
Efforts:1. Nutri-gardens were established in 100 households, covering the affected families. **2. Seeds and Planting material is freely made available by us** **3. Bio-fortified vegetables (Moringa, Red Cabbage, Sugarbeets, white Brinjals), etc., were distributed KVK's Bio-fortified Crops Project** **4. Anganbadi workers and Asha Bahuan distributed nutri-rich food to villagers.**

Problems Encountered and Resources Required

1. At time of launching the project, residents of Village Anuppur was somewhat laggar
2. Civil amities at village were very poor.
3. No fund was mandated for execution concept. University has started the work with help of outreach activities mandated in different projects.

File Description	Document
Best practices in the Institutional web site	[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:

Institution Distinctiveness

Response:

The primary objective of the University is the pursuit of Excellence in all the spheres of academics. University is focused to improve the teaching learning skills with an emphasis on futuristic demands, human values, and functional relationship with all the stakeholders for the holistic development of the individual and society. It aims to produce meritorious personalities and professional creative students to serve the humanity by setting a commendable tradition of initiative and imagination. The institute inculcates a sense of self-discipline and accountability among students and developing a respect for democratic, ethical, and moral values. University provides the best possible amenities required for the students to enhance their technical skills, academics, and extra-curricular activities and bring out the best in them.

University has continuously upgraded its facilities and infrastructure to respond to the changing pedagogic and research environments. Classrooms, Laboratories, Smart classrooms, Group Discussion Halls, Central Library and Administrative Office are highly conducive to the overall academic environment. The institution hosts fully equipped grounds for athletics, tennis, basketball, indoor badminton courts, and volleyball courts. As a result, students have performed well in state and national level sports events and secured many medals.

Various conferences, guest lectures, workshops, summit, celebrity chats are organized throughout the year, by which the students are exposed to the outside world work ethics and all the recent developments and innovations. The placement cell is an integral part of our institution, ensures that the students are well trained and prepared to face their campus interviews effectively. The academic and placement processes are complemented with a diverse array of opportunities provided to the students in enhancing their knowledge beyond academics. High quality inter-disciplinary research is core strength of the university.

The faculty has developed expertise in various current methodologies and research techniques and remains abreast with changing research environments. The multidisciplinary faculty with industrial and research experience tremendously enrich the teaching-learning processes and provides innovative and multidimensional perspectives. The faculty is also consulted by a range of professional bodies. The extensive publications of university faculty in scientific journals and books, synchronized with

participation in workshops, seminars and conferences as well as the university regularly producing Technical Series on faculty and student work. Faculty has obtained numerous research grants and many have received national and international acclaim. University has been able to build collaborations and establish linkages through MOUs with various national institution and international universities.

The University has active NSS and NCC wings for both boys and girls. We have adopted nearby villages to implement health care programs, awareness drives, farmers training camps. Also, free medical check-up and treatment to community people is organized by our University hospital. Our students have created several NGOs which are active in Kanpur and nearby areas. Numerous paintings and sculptures are mounted in the entire campus by the students of Department of Fine Arts. This develops a deep sense of aesthetics amongst students and faculty which ultimately enhance their creativity. Creativity and aesthetics enhance the quality of life and add pleasure in the way we live our lives

File Description	Document
Appropriate web in the Institutional website	[View Document](#)

5. CONCLUSION

Additional Information :

The teaching activities of the University run in eight constituent colleges located at three campuses (Kanpur, Etawah and Lakhimpur-kheri). These colleges offer ten undergraduate programmes in Agriculture, Forestry, Home Science, Horticulture, Agricultural Engineering, Electronics & Communication Engineering, Computer Science & Engineering, Mechanical Engineering, Dairy Technology and Fisheries Sciences. Faculties of the constituent college take active part in research and extension activities relevant to their respective zones. The constituent colleges thus strive to fulfill the goals and missions of the University. All the undergraduate programmes in the University are of 4 years duration. The University has adopted the semester system each semester being of 18 weeks duration.

The University offers 10 UG Programme, 21Master degree programme and 17 Ph.D. programme. Since its inception, the University has produced **6758 graduates**. Out of which, 4350 in Agriculture, 264 in Forestry, 612 in Home Science and 466 in Agricultural Engineering. **6796 students have received M.Sc. degree** in various disciplines and **1188 students** have been conferred with the highest degree of **Doctor of Philosophy** in various disciplines. In each discipline, the post-graduate students are also required to register courses, which are called as Major courses. Many departments have shown creditable performance in both teaching and research, which is reflected by the recognition accorded by several University departments and national agencies.

The total strength of the students on roll in the University is a little over two thousands. Hostel facilities are provided to both boys and girls in all the teaching campuses of the University. Dean Students' Welfare of the University looks after the welfare of the students. The University provides all encouragement for sport and extra-curricular activities through several incentives and resultantly several students have achieved distinction in sports, games and cultural activities both at the state and national levels. The University teachers conduct coaching classes of students appearing in ICAR fellowship examination. Every year more than fifteen students from different colleges of the University are being awarded ICAR Junior Research Fellowship on all India basis.

Concluding Remarks :

The University is dedicated to the development of agriculture and allied sectors in 22 districts of 5 divisions (Aligarh, Agra, Allahabad, Kanpur and Lucknow spread in two agro-climatic zones (South-Western Semi-Arid and the Central Plains) of Uttar Pradesh. Four Research Sections (Rabi Cereals, Oilseeds, Legumes and Vegetables), 02 Regional research Stations (Daleepnagar-Kanpur and Kalai-Aligarh) and their 03 sub stations (Saini-Kaushambi, Mainpuri and Hazratpur-Firozabad) are in operation, mandated and equipped to undertake the location specific, problem solving and production oriented research and to develop technology suited to specific agro-climatic regions. Fourteen Research Farms are also operating to carry out the area specific research programmes. 13 KVKs are functioning under the area jurisdiction of the university viz., Aligarh, Hathras, Firozabad and Mainpuri (Semi Arid Western Zone), Etawah, Farukkhabad, Kannauj, Kanpur Dehat, Fatehpur, Raebareli, Hardoi, Lakhimpur-kheri (Central Plain Zone).

Research activities of the University are mainly oriented to meet the goals and objectives of the University as outlined in the mandate. The Research Council is the apex research body in the University that has the responsibility of formulating the medium and long-term research policy and guidelines for carrying out

research. The day-to-day management of all research work in the University is coordinated and managed by the Director of Agriculture Experiment Stations, which has a competent network of technical, administrative and scientific personnel linking all teaching and research campuses. The ICAR has been providing research support by locating some AICRP in the University. The most satisfying research accomplishments of the University have been in the area of varietal improvement of crop plants. The University has developed several production technologies during the last 10 years particularly in the area of cultivation practices, dry land agriculture and pest and disease management. The crop production practices developed by the University have helped to increase productivity and reduce the cost of production. Breeding for pest and disease resistance in pulses; research in rainfed agriculture; improved crop production technology; mechanization for small farms and conservation of germplasm, genetic resources and biodiversity are some of the areas of current focus in research.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.3.2	**Number of value-added courses for imparting transferable and life skills offered during last five years.** 1.3.2.1. **How many new value-added courses are added within the last five years.** Answer before DVV Verification : 95 Answer after DVV Verification: 0 Remark : HEI to adhere to the SOP given by NAAC .value added courses are add-on courses beyond curricula of the Institution aimed at holistic development
1.4.1	**Structured feedback for design and review of syllabus – semester-wise / year-wise is received from** **1) Students, 2) Teachers, 3) Employers,** **4) Alumni** Answer before DVV Verification : B. Any 3 of the above Answer After DVV Verification: E. None of the above Remark : HEI to give the feedback from the stakeholders as weblinks and not in google drive as per NAAC regulations
1.4.2	**Feedback processes of the institution may be classified as follows:** Answer before DVV Verification : C. Feedback collected and analysed Answer After DVV Verification: E. Feedback not collected Remark : As per information provided by HEI
2.1.1	**Demand Ratio (Average of last five years)** 2.1.1.1. **Number of seats available year wise during the last five years** Answer before DVV Verification: <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>883</td><td>820</td><td>822</td><td>1046</td><td>919</td></tr></table> Answer After DVV Verification : <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>700</td><td>698</td><td>862</td><td>770</td><td>767</td></tr></table> Remark : Values as per data provided

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2.6.3	**Pass Percentage of students(Data for the latest completed academic year)** 2.6.3.1. Total number of final year students who passed the examination conducted by Institution. Answer before DVV Verification : 614 Answer after DVV Verification: 573 2.6.3.2. **Total number of final year students who appeared for the examination conducted by the Institution.** Answer before DVV Verification : 614 Answer after DVV Verification: 614 Remark : Value as per data provided excluding Phd students
3.3.2	**Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development during the last five years.** 3.3.2.1. **Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development year-wise during the last five years.** Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17
---	---	---	---	---
35	37	15	19	19 | Answer After DVV Verification : | 2020-21	2019-20	2018-19	2017-18	2016-17
---	---	---	---	---
0	0	0	0	0	 Remark : HEI to give details of these workshops/ seminars with brochures/ geo-tagged photos with date , captions ,title of the workshops with for metric 3.3.2
3.4.1	**The Institution ensures implementation of its stated Code of Ethics for research through the following:** **1. Inclusion of research ethics in the research methodology course work** **2. Presence of Ethics committee** **3. Plagiarism check through software** **4. Research Advisory Committee** Answer before DVV Verification : A. All of the above Answer After DVV Verification: D. 1 of the above Remark : HEI has given only one input that is of plagiarism software invoice , the research committee and the other inputs are provided in google drive and not as institutional weblinks

3.4.2	**The institution provides incentives to teachers who receive state, national and international recognitions/awards**
	
	1.Commendation and monetary incentive at a University function
	
	2.Commendation and medal at a University function
	
	3. Certificate of honor
	
	4.Announcement in the Newsletter / website
	
	     Answer before DVV Verification : A.. All of the above
	     Answer After DVV Verification: C. 2 of the above
	   Remark : As per data provided

3.4.7	**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 Initiatives**
	     6. **For Institutional LMS**
	
	     Answer before DVV Verification : A. Any 5 of the above
	     Answer After DVV Verification: D. Any 2 of the above

6.2.3	**Institution Implements e-governance covering following areas of operation**
	
	     1. **Administration**
	     2. **Finance and Accounts**
	     3. **Student Admission and Support**
	     4. **Examination**
	
	     Answer before DVV Verification : A. All of the above
	     Answer After DVV Verification: D. 1 of the above
	   Remark : As per data provided by the HEI

6.3.2	**Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.**
	
	   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**
	   Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
0	500000	700000	3400000	500000

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

6.3.4	**Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).**

6.3.4.1. **Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
120	163	70	21	28

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
33	35	23	15	20

Remark : Values as per data provided by HEI , one teacher to be counted only once for the assessment year as per NAAC regulation

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**

Answer before DVV Verification : B. 3 of the above
Answer After DVV Verification: C. 2 of the above
Remark : As per geo-tagged photos provided by HEI

7.1.6	**Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:**

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

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	Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: C. 2 of the above Remark : As per data provided taking S No.4 and S. No. 5 we take selection C .2 of the above
7.1.7	**The Institution has disabled-friendly, barrier free environment** 1. **Built environment with ramps/lifts for easy access to classrooms.** 2. **Divyangjan friendly washrooms** 3. **Signage including tactile path, lights, display boards and signposts** 4. **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment** 5. **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading** Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: E. None of the above
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 Code of Conduct is displayed on the website** 2. **There is a committee to monitor adherence to the Code of Conduct** 3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff** 4. **Annual awareness programmes on Code of Conduct are organized** Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. 3 of the above Remark : Selection as per data provided by the HEI , only S.No 2 S No 3SNo. 4 for selection B ,though the information provided does not carry the signature of the vice-chancellor / Dean (academic) / Registrar (academic)

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of programs offered year-wise for last five years** Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17
---	---	---	---	---
48	48	48	48	48 | Answer After DVV Verification: | 2020-21	2019-20	2018-19	2017-18	2016-17
---	---	---	---	---
32	32	32	32	32	
2.2	**Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
455	391	422	548	467

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
394	422	552	467	430